

DAILY DRILLING REPORT

REPORT NO. 3- DATE 1-9-69

OPERATOR <i>Phillips, PATE</i>		LEASE <i>C.O.D. PROSPECT- 7-11</i>		WELL NO. <i>3-X</i>	FIELD OR DIST. <i>NORWEGIAN CONT. Shelf</i>	COUNTY <i>NORTH-SEA</i>	STATE <i>NORWAY</i>						
CONTRACTOR <i>ODECO</i>	RIG NO. <i>10</i>	DRILL PIPE STRING NO. <i>1</i> SIZE <i>5</i>	TOOL JOINT <i>6 3/8 O.D.</i>	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER					
				1.	<i>WAT</i>	<i>N. 1300</i>	<i>16</i>						
				2.	<i>"</i>	<i>"</i>	<i>"</i>						
				3.	<i>G. D.</i>	<i>1 X 9</i>	<i>16</i>						

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	WISC.-SEC	FROM	TO									LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR'EL-P COM'D-C
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC																	
REAMING			D.C.		MFG.	VISC.-SEC																	
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	TYPE	W.L.-C.C.																	
TRIPS			D.C.		NOZZLE NO.	FLTR. CK.																	
LUBRICATE RIG			I.D. O.D.	FT.	SIZE	PH																	
DEVIATION SURVEY			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %																	
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH OUT																		
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	DEPTH IN																		
REPAIR RIG			SUBS O.D.	FT.	TOTAL FTG.																		
CORING			BIT OR C.B.	FT.	TOTAL HR. RUN																		
WIRE LINE LOGGING			KELLY DOWN	FT.	COND. OF BIT																		
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER NO.																		
WAITING ON CEMENT			WT. OF STRING	LBS.	REAMER TYPE																		
DRILL STEM TEST			REMARKS																				
OTHER																							
FISHING																							
COMPLETION WORK																							
A. PERFORATING																							
B. TUBING TRIPS																							
C. SWABBING																							
D. TESTING																							
E. ADDITIONAL																							
TOTALS																							
TIME SUMMARY (OFFICE USE ONLY)																							
DAY WORK																							
HRS. W/DP																							
HRS. WO/DP																							
HRS. STANDBY																							
TOTAL DAY WORK																							

DRILLER *[Signature]*

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE-C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN	
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	WISC.-SEC	FROM	TO									LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SGL-S PAR'EL-P COM'D-C
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC																	
REAMING			D.C.		MFG.	VISC.-SEC																	
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	TYPE	W.L.-C.C.																	
TRIPS			D.C.		NOZZLE NO.	FLTR. CK.																	
LUBRICATE RIG			I.D. O.D.	FT.	SIZE	PH																	
DEVIATION SURVEY			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %																	
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH OUT																		
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	DEPTH IN																		
REPAIR RIG			SUBS O.D.	FT.	TOTAL FTG.																		
CORING			BIT OR C.B.	FT.	TOTAL HR. RUN																		
WIRE LINE LOGGING			KELLY DOWN	FT.	COND. OF BIT																		
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER NO.																		
WAITING ON CEMENT			WT. OF STRING	LBS.	REAMER TYPE																		
DRILL STEM TEST			REMARKS																				
OTHER																							
FISHING																							
COMPLETION WORK																							
A. PERFORATING																							
B. TUBING TRIPS																							
C. SWABBING																							
D. TESTING																							
E. ADDITIONAL																							
TOTALS																							
TIME SUMMARY (OFFICE USE ONLY)																							
DAY WORK																							
HRS. W/DP																							
HRS. WO/DP																							
HRS. STANDBY																							
TOTAL DAY WORK																							

DRILLER *[Signature]*



DAILY DRILLING REPORT

REPORT NO. 86

DATE 8-14-69

OPERATOR: PHILLIPS PET. CO. LEASE: COD PROSPECT 7-11

CONTRACTOR: ODECO NORWAY INC. RIG NO.: 10

WELL NO.: 3X FIELD OR DIST.: NORWEGIAN CONT SHELF COUNTY: NORTH SEA STATE: NORWAY

NO.	SIZE	TYPE THD.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
1.	6 7/8"	4 1/2" I.F.	NAT	N-1300	16		20	U-55	133	6	227	356	563	
2.	5 1/2"		"	N-1300	16		13 7/8"	"	68	21	1293	354	1527	
3.	4 1/2"		A.D.	EXR	16		9 5/8"	N-80	43.5	258	6193	332	6471	

SIGNATURE OF OPERATOR'S REPRESENTATIVE: [Signature] SIGNATURE OF CONTRACTOR'S TOOL PUSHER: [Signature]

TIME DISTRIBUTION-HOURS	NIGHT	DAY	NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PAR-EL-P COM-D-C
				STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	DEPTH			DEV.	DIRECTION	DEPTH				DEV.	DIRECTION		
RIG UP & TEAR DOWN																							
DRILLING ACTUAL																							
REAMING																							
CONDITIONING MUD & CIRCULATING																							
TRIPS																							
LUBRICATE RIG																							
DEVIATION SURVEY																							
TEST B.O.P.																							
CUT OFF DRILLING LINE																							
REPAIR RIG																							
CORING																							
WIRE LINE LOGGING																							
RUNNING CASING & CEMENTING																							
WAITING ON CEMENT																							
DRILL STEM TEST																							
OTHER		12																					
FISHING																							
COMPLETION WORK																							
TOTALS		12																					

REMARKS: UNDER TOW, STARTED SINKING. BARGE DRAFT 50' @ 0830H
DOWN @ 1050

DRILLER: [Signature]

TIME DISTRIBUTION-HOURS	NIGHT	DAY	NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PAR-EL-P COM-D-C
				STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	DEPTH			DEV.	DIRECTION	DEPTH				DEV.	DIRECTION		
DRILLING ACTUAL																							
REAMING																							
CONDITIONING MUD & CIRCULATING																							
TRIPS																							
LUBRICATE RIG																							
DEVIATION SURVEY																							
TEST B.O.P.																							
CUT OFF DRILLING LINE																							
REPAIR RIG																							
CORING																							
WIRE LINE LOGGING																							
RUNNING CASING & CEMENTING																							
WAITING ON CEMENT																							
DRILL STEM TEST																							
OTHER																							
FISHING																							
COMPLETION WORK																							
TOTALS																							

REMARKS: "Under Tow" Gen Cleanup & rig maintenance. Draft @ 24:00w. 50'

DRILLER: [Signature]



DAILY DRILLING REPORT

REPORT NO. 85 DATE 7-1-69

OPERATOR: PHILLIPS PET. CO LEASE: COO. PROSPECT 7-11

CONTRACTOR: ODECO NORWAY INC RIG NO. 10

WELL NO. 3X FIELD OR DIST. NORWEGIAN CONT SHELF COUNTY NORTH SEA STATE NORWAY

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
1.	NAT	N-1300	16"		20"	d-55	135	6	227	336	563	
2.	"	N-1300	16"		13 3/8"	"	68	21	1293	334	1527	
3.	G.D.	FXQ	16"		9 5/8"	N-80	43.5	258	6193	332	6471	

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN		
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D RM..R CORE..C	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC													
REAMING			D.C.		MFG.	W.L.-C.C.													
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	NOZZLE NO.	FLTR. CK.													
TRIPS			D.C.		NOZZLE SIZE	PH													
LUBRICATE RIG			I.D. O.D.	FT.	SER. NO.	SD. CONT. %													
DEVIATION SURVEY			STB. BODY O.D.	FT.	DEPTH OUT														
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH IN														
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	TOTAL FTG.														
REPAIR RIG			SUBS O.D.	FT.	TOTAL HR. RUN														
CORING			BIT OR C.B.	FT.	COND. OF BIT														
WIRE LINE LOGGING			KELLY DOWN	FT.	REAMER NO.														
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER TYPE														
WAITING ON CEMENT			WT. OF STRING	LBS.															
DRILL STEM TEST			REMARKS																
OTHER		12																	
FISHING																			
COMPLETION WORK																			
A. PERFORATING																			
B. TUBING TRIPS																			
C. SWABBING																			
D. TESTING																			
E. ADDITIONAL																			
TOTALS		12																	

DRILLER: Vern Arnoldt

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN		
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D RM..R CORE..C	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC													
REAMING			D.C.		MFG.	W.L.-C.C.													
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	NOZZLE NO.	FLTR. CK.													
TRIPS			D.C.		NOZZLE SIZE	PH													
LUBRICATE RIG			I.D. O.D.	FT.	SER. NO.	SD. CONT. %													
DEVIATION SURVEY			STB. BODY O.D.	FT.	DEPTH OUT														
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH IN														
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	TOTAL FTG.														
REPAIR RIG			SUBS O.D.	FT.	TOTAL HR. RUN														
CORING			BIT OR C.B.	FT.	COND. OF BIT														
WIRE LINE LOGGING			KELLY DOWN	FT.	REAMER NO.														
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER TYPE														
WAITING ON CEMENT			WT. OF STRING	LBS.															
DRILL STEM TEST			REMARKS																
OTHER																			
FISHING																			
COMPLETION WORK																			
A. PERFORATING																			
B. TUBING TRIPS																			
C. SWABBING																			
D. TESTING																			
E. ADDITIONAL																			
TOTALS																			

DRILLER: Gary Blackberry

DAILY DRILLING REPORT

REPORT NO. 24 DATE 6-1-69

OPERATOR PHILLIPS PET. CO		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY							
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 6 3/8" O.D.	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER R. Elvibile		NO.	MANUFACTURER	TYPE	STROKE LENGTH							
				1.	NATIONAL	N-1300	16							
				2.	"	N-1300	16							
				3.	G.D.	FXB	16							
								20	J-55	133	6	227	336	563
								13 3/8	"	68	21	1293	334	1527
								9 5/8	N80	435	258	6193	332	4471

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN	
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D R.M. R CORE..C	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			SINGLES D.P.	FT.	SIZE	WISC.-SEC										
			D.C.		MFG.	VISC.-SEC										
			I.D. O.D.	FT.	TYPE	W.L.-C.C.										
			D.C.		NOZZLE NO.	FLTR. CK.										
			I.D. O.D.	FT.	NOZZLE SIZE	PH										
			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %										
			STB. BODY O.D.	FT.	DEPTH OUT											
			RMR. BODY O.D.	FT.	DEPTH IN											
			SUBS O.D.	FT.	TOTAL FTG.											
			BIT OR C.B.	FT.	TOTAL HR. RUN											
			KELLY DOWN	FT.	COND. OF BIT											
			TOTAL	FT.	REAMER NO.											
			WT. OF STRING	LBS.	REAMER TYPE											
			REMARKS													
			OTHER 12													
			FISHING													
			COMPLETION WORK													
			A. PERFORATING													
			B. TUBING TRIPS													
			C. SWABBING													
			D. TESTING													
			E. ADDITIONAL													
			TOTALS 12													
			TIME SUMMARY (OFFICE USE ONLY)													
			DAY WORK													
			HRS. W/DP													
			HRS. WO/DP													
			HRS. STANDBY													
			TOTAL DAY WORK													

DRILLER **Vern Arnold**

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN	
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D R.M. R CORE..C	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			SINGLES D.P.	FT.	SIZE	WISC.-SEC										
			D.C.		MFG.	VISC.-SEC										
			I.D. O.D.	FT.	TYPE	W.L.-C.C.										
			D.C.		NOZZLE NO.	FLTR. CK.										
			I.D. O.D.	FT.	NOZZLE SIZE	PH										
			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %										
			STB. BODY O.D.	FT.	DEPTH OUT											
			RMR. BODY O.D.	FT.	DEPTH IN											
			SUBS O.D.	FT.	TOTAL FTG.											
			BIT OR C.B.	FT.	TOTAL HR. RUN											
			KELLY DOWN	FT.	COND. OF BIT											
			TOTAL	FT.	REAMER NO.											
			WT. OF STRING	LBS.	REAMER TYPE											
			REMARKS													
			WIRE LINE RECORD													
			REEL NO. 3/4206													
			NO. OF LINES 10 SIZE 1 3/8													
			FEET SLIPPED NONE													
			FEET CUT OFF NONE													
			PRESENT LENGTH 6850													
			TON MI. OR TRIPS SINCE LAST CUT 1493													
			CUMULATIVE TON MI. OR TRIPS 26855													
			NO. OF DAYS FROM SPUD 82													
			CUMULATIVE ROTATING HRS.													

DRILLER **Sally Blackberry**



DAILY DRILLING REPORT

REPORT NO. 76

DATE 12-29-68

OPERATOR Phillips PETE. CO		LEASE C.O.D. PROSPECT 7-11		WELL NO. 3-X	FIELD OR DIST. NORWEGIAN CONT. SHELF	COUNTY NORTH SEA	STATE NORWAY
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING 1 5	TOOL JOINT 6 3/4 O.D.	PUMPS		REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE B. H. Costa		SIGNATURE OF CONTRACTOR'S TOOL PUSHER Robert Melby		NO.	MANUFACTURER	TYPE	STROKE LENGTH
TIME DISTRIBUTION-HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD	
NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC
	1/2	SINGLES D.P.	FT.	SIZE	W.L.-C.C.	FL TR. CK.	PH
DRILLING ACTUAL		D.C.		MFG.		SD. CONT. %	
REAMING		I.D. O.D.	FT.	NOZZLE NO.			
CONDITIONING MUD & CIRCULATING		D.C.		SIZE			
TRIPS	3 1/2	I.D. O.D.	FT.	SER. NO.			
LUBRICATE RIG		STB. BODY O.D.	FT.	DEPTH OUT			
DEVIATION SURVEY		STB. BODY O.D.	FT.	DEPTH IN			
TEST B.O.P.		RMR. BODY O.D.	FT.	TOTAL FTG.			
CUT OFF DRILLING LINE		SUBS O.D.	FT.	TOTAL HR. RUN			
REPAIR RIG		BIT OR C.B.	FT.	COND. OF BIT			
CORING		KELLY DOWN	FT.	REAMER NO.			
WIRE LINE LOGGING		TOTAL	FT.	REAMER TYPE			
RUNNING CASING & CEMENTING		WT. OF STRING	LBS.				
WAITING ON CEMENT							
DRILL STEM TEST	12 7						
OTHER	1						
FISHING							
COMPLETION WORK							
A. PERFORATING							
B. TUBING TRIPS							
C. SWABBING							
D. TESTING							
E. ADDITIONAL							
TOTALS	12 12						

TIME DISTRIBUTION-HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL. S PART. E. L. P COM'D. C
NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO											
	1/2	SINGLES D.P.	FT.	SIZE	W.L.-C.C.	FL TR. CK.	PH	DEVIATION RECORD		DEPTH		DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
DRILLING ACTUAL		D.C.		MFG.				TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
REAMING		I.D. O.D.	FT.	NOZZLE NO.				FROM	TO			00:00- 12:00 12: Testing well D.S.T. #7								
CONDITIONING MUD & CIRCULATING		D.C.		SIZE																
TRIPS	3 1/2	I.D. O.D.	FT.	SER. NO.																
LUBRICATE RIG		STB. BODY O.D.	FT.	DEPTH OUT																
DEVIATION SURVEY		STB. BODY O.D.	FT.	DEPTH IN																
TEST B.O.P.		RMR. BODY O.D.	FT.	TOTAL FTG.																
CUT OFF DRILLING LINE		SUBS O.D.	FT.	TOTAL HR. RUN																
REPAIR RIG		BIT OR C.B.	FT.	COND. OF BIT																
CORING		KELLY DOWN	FT.	REAMER NO.																
WIRE LINE LOGGING		TOTAL	FT.	REAMER TYPE																
RUNNING CASING & CEMENTING		WT. OF STRING	LBS.																	
WAITING ON CEMENT																				
DRILL STEM TEST	12 7																			
OTHER	1																			
FISHING																				
COMPLETION WORK																				
A. PERFORATING																				
B. TUBING TRIPS																				
C. SWABBING																				
D. TESTING																				
E. ADDITIONAL																				
TOTALS	12 12																			

TIME DISTRIBUTION-HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL. S PART. E. L. P COM'D. C
NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO											
	12	SINGLES D.P.	FT.	SIZE	W.L.-C.C.	FL TR. CK.	PH	DEVIATION RECORD		DEPTH		DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
DRILLING ACTUAL		D.C.		MFG.				TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
REAMING		I.D. O.D.	FT.	NOZZLE NO.				FROM	TO			12:00 19:00 7 Testing Dst #7								
CONDITIONING MUD & CIRCULATING		D.C.		SIZE								19:00 20:00 1 Reversing out & killing well. dir 1/2 rev								
TRIPS	3 1/2	I.D. O.D.	FT.	SER. NO.								20:00 23:30 3 1/2 P.O.H w/ Dst #7								
LUBRICATE RIG		STB. BODY O.D.	FT.	DEPTH OUT								23:30 24:00 1/2 Rig Schumberger								
DEVIATION SURVEY		STB. BODY O.D.	FT.	DEPTH IN																
TEST B.O.P.		RMR. BODY O.D.	FT.	TOTAL FTG.																
CUT OFF DRILLING LINE		SUBS O.D.	FT.	TOTAL HR. RUN																
REPAIR RIG		BIT OR C.B.	FT.	COND. OF BIT																
CORING		KELLY DOWN	FT.	REAMER NO.																
WIRE LINE LOGGING		TOTAL	FT.	REAMER TYPE																
RUNNING CASING & CEMENTING		WT. OF STRING	LBS.																	
WAITING ON CEMENT																				
DRILL STEM TEST	12 7																			
OTHER	1																			
FISHING																				
COMPLETION WORK																				
A. PERFORATING																				
B. TUBING TRIPS																				
C. SWABBING																				
D. TESTING																				
E. ADDITIONAL																				
TOTALS	12 12																			



DAILY DRILLING REPORT

REPORT NO. 74

DATE 12-27-68

OPERATOR Phillips PETE CO		LEASE C.O.D. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELD	COUNTY NORTH SEA	STATE NORWAY
CONTRACTOR DDECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 3/8 O.D.	PUMPS		REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>B. H. Custer</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Robert M. Kelly</i>		SIGNATURE OF DRILLER <i>L. R. Ruhl</i>			

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN		
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	DR. D RM. R CORE...C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC											
REAMING			D.C.		MFG.	VISC.-SEC											
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	TYPE	W.L.-C.C.											
TRIPS	4 1/2	4 1/2	D.C.		NOZZLE NO.	FLTR. CK.											
LUBRICATE RIG			I.D. O.D.	FT.	SIZE	PH											
DEVIATION SURVEY			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %											
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH OUT												
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	DEPTH IN												
REPAIR RIG			SUBS O.D.	FT.	TOTAL FTG.												
CORING			BIT OR C.B.	FT.	TOTAL HR. RUN												
WIRE LINE LOGGING			KELLY DOWN	FT.	COND. OF BIT												
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER NO.												
WAITING ON CEMENT			WT. OF STRING	LBS.	REAMER TYPE												
DRILL STEM TEST	4	7 1/2	REMARKS														
OTHER	3 1/2																
FISHING																	
COMPLETION WORK																	
A. PERFORATING																	
B. TUBING TRIPS																	
C. SWABBING																	
D. TESTING																	
E. ADDITIONAL																	
TOTALS	12	12															

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN		
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO	DR. D RM. R CORE...C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	WISC.-SEC											
REAMING			D.C.		MFG.	VISC.-SEC											
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	TYPE	W.L.-C.C.											
TRIPS			D.C.		NOZZLE NO.	FLTR. CK.											
LUBRICATE RIG			I.D. O.D.	FT.	SIZE	PH											
DEVIATION SURVEY			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %											
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH OUT												
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	DEPTH IN												
REPAIR RIG			SUBS O.D.	FT.	TOTAL FTG.												
CORING			BIT OR C.B.	FT.	TOTAL HR. RUN												
WIRE LINE LOGGING			KELLY DOWN	FT.	COND. OF BIT												
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER NO.												
WAITING ON CEMENT			WT. OF STRING	LBS.	REAMER TYPE												
DRILL STEM TEST			REMARKS														
OTHER																	
FISHING																	
COMPLETION WORK																	
A. PERFORATING																	
B. TUBING TRIPS																	
C. SWABBING																	
D. TESTING																	
E. ADDITIONAL																	
TOTALS																	

DAILY DRILLING REPORT

REPORT NO. 73

DATE 12-26-68

OPERATOR PHILLIPS PETE - C.O.		LEASE C.O.D. PROSPECT 7-11		WELL NO. 3Y		FIELD OR DIST. NORWEGIAN CONT SHELF		COUNTY NORTH SEA		STATE NORWAY							
CONTRACTOR B.H. Custer		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 3/8 O.D. TYPE THD. X. H.	PUMPS		LAST CASING TUBING OR LINER		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS	
SIGNATURE OF OPERATOR'S REPRESENTATIVE B.H. Custer		SIGNATURE OF CONTRACTOR'S TOOL PUMPER Robert Milroy & Ernie		1. NATIONAL N-1300 16		2. NATIONAL N-1300 16		3. GARDNER DENVER F.X.Q. 16		20	T 58	133	6	227	336	563	
TIME DISTRIBUTION - HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		PUMP NO.		METHOD RUN	
RIG UP & TEAR DOWN		STANDS D.P. FT.		BIT NO.		TIME		FROM TO		DR. D RM. R CORE. C		CORE NO.		FORMATION		ROTARY RPM	
DRILLING ACTUAL		SINGLES D.P. FT.		SIZE		WEIGHT											
REAMING		D.C.		MFG.		VISC.-SEC											
CONDITIONING MUD & CIRCULATING		I.D. O.D. FT.		TYPE		W.L.-C.C.											
TRIPS		D.C.		NOZZLE NO.		FLTR. CK.											
LUBRICATE RIG		I.D. O.D. FT.		SIZE		PH											
DEVIATION SURVEY		STB. BODY O.D. FT.		SER. NO.		SD. CONT. %											
TEST B.O.P.		STB. BODY O.D. FT.		DEPTH OUT													
CUT OFF DRILLING LINE		RMR. BODY O.D. FT.		DEPTH IN													
REPAIR RIG		SUBS		TOTAL FTG.													
CORING		4" O.D. 4.55 FT.		TOTAL HR. RUN													
WIRE LINE LOGGING		BIT OR C.B. 1.00 FT.		COND. OF BIT													
RUNNING CASING & CEMENTING		1. C.S.G. 3.95 FT.		REAMER NO.													
WAITING ON CEMENT		KELLY DOWN		REAMER TYPE													
DRILL STEM TEST		WT. OF STRING 94.000 LBS.		REMARKS													
OTHER		REMARKS															
FISHING																	
COMPLETION WORK																	
A. PERFORATING																	
B. TUBING TRIPS																	
C. SWABBING																	
D. TESTING																	
E. ADDITIONAL																	
TOTALS		12 12															
TIME SUMMARY (OFFICE USE ONLY)																	
DAY WORK																	
HRS. W/DP																	
HRS. WO/DP																	
HRS. STANDBY																	
TOTAL DAY WORK																	
WIRE LINE RECORD																	
REEL NO. 3/4204																	
NO. OF LINES 10 SIZE 1 3/8																	
FEET SLIPPED NONE																	
FEET CUT OFF NONE																	
PRESENT LENGTH 6940																	
TON MI. OR TRIPS SINCE LAST CUT 1858																	
CUMULATIVE TON MI. OR TRIPS 25060																	
NO. OF DAYS FROM SPUD 71																	
CUMULATIVE ROTATING HRS.																	

DRILLER J. Saperano

DRILLER Jay Blackberry



DAILY DRILLING REPORT

REPORT NO. 70 DATE 23-12-68

OPERATOR PHILLIPS PET. CO		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5"	TOOL JOINT 6 3/8 O.D.	PUMPS		REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>B. H. Custer</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>L. E. Rulle Robert Melby</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	NAT	N-1300	16"
				2.	"	"	16"
				3.	C.O.	F-XQ	16"
SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	
20"	J-55	133	6	227	336	563	
13 3/8"	"	68	21	1293	394	1527	
9 5/8"	N-80	43.5	258	6139	332	6471	

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. O R.M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN																																																																							
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO																																																																																		
			SINGLES D.P.	FT.	SIZE																																																																																							
			D.C.		MFG.																																																																																							
			I.D. O.D.	FT.	TYPE																																																																																							
			D.C.		NOZZLE NO. SIZE																																																																																							
			I.D. O.D.	FT.	SER. NO.																																																																																							
			STB. BODY O.D.	FT.	DEPTH OUT																																																																																							
			STB. BODY O.D.	FT.	DEPTH IN																																																																																							
			RMR. BODY O.D.	FT.	TOTAL FTG.																																																																																							
			SUBS O.D.	FT.	TOTAL HR. RUN																																																																																							
			BIT OR C.B.	FT.	COND. OF BIT																																																																																							
			KELLY DOWN	FT.	REAMER NO.																																																																																							
			TOTAL	FT.	REAMER TYPE																																																																																							
			WT. OF STRING	LBS.																																																																																								
			REMARKS																																																																																									
			<table border="1"> <thead> <tr> <th colspan="2">TIME LOG</th> <th>ELAPSED TIME</th> <th colspan="15">DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS</th> </tr> <tr> <th>FROM</th> <th>TO</th> <th></th> <th colspan="15"></th> </tr> </thead> <tbody> <tr> <td>2400</td> <td>0300</td> <td>3</td> <td colspan="15">Hook Up Equip. For Running B.O.P Stack.</td> </tr> <tr> <td>0300</td> <td>1200</td> <td>9</td> <td colspan="15">W.O.W.</td> </tr> </tbody> </table>																		TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS															FROM	TO																	2400	0300	3	Hook Up Equip. For Running B.O.P Stack.															0300	1200	9	W.O.W.														
TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																																																																																									
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0300	1200	9	W.O.W.																																																																																									

DRILLER *Uen Amelt*

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. O R.M. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN																																																																							
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO																																																																																		
			SINGLES D.P.	FT.	SIZE																																																																																							
			D.C.		MFG.																																																																																							
			I.D. O.D.	FT.	TYPE																																																																																							
			D.C.		NOZZLE NO. SIZE																																																																																							
			I.D. O.D.	FT.	SER. NO.																																																																																							
			STB. BODY O.D.	FT.	DEPTH OUT																																																																																							
			STB. BODY O.D.	FT.	DEPTH IN																																																																																							
			RMR. BODY O.D.	FT.	TOTAL FTG.																																																																																							
			SUBS O.D.	FT.	TOTAL HR. RUN																																																																																							
			BIT OR C.B.	FT.	COND. OF BIT																																																																																							
			KELLY DOWN	FT.	REAMER NO.																																																																																							
			TOTAL	FT.	REAMER TYPE																																																																																							
			WT. OF STRING	LBS.																																																																																								
			REMARKS																																																																																									
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TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																																																																																									
FROM	TO																																																																																											
1200	2400	12	W.O.W.																																																																																									
			Replaced brake blocks & dressed st.b. brake band, on drawworks, Gen rig maintenance & clean up.																																																																																									

DRILLER *Sary Blackorby*



DAILY DRILLING REPORT

REPORT NO. 69

DATE 22-12-68

OPERATOR PHILIPS PET. CO		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT. SHELF	COUNTY NORTH SEA	STATE NORWAY	
CONTRACTOR		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 3/4 O.D.	PUMPS			REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>B. H. Custer</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>L. R. Rulle Robert McVay</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	
				1.	NATIONAL	N-1300	16	
				2.	"	N-1300	16	
				3.	G.D.	FXQ	16	
				SIZE	MAKE	WT. & GR.	NO. JOINTS	
				20"	J-55	133	6	
				13 3/8"	J-55	68	21	
				9 5/8"	N-80	43.5	258	
				FEET	RKB. TO CSG. HD.	SET AT		
				227	336	563		
				1293	334	1527		
				6179	332	6471		

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN		
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO	DR..D RM..R CORE..C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	SGL-S PAR'EL-P COM'D-C
			SINGLES D.P.	FT.	SIZE														
			D.C.		MFG.														
			I.D. O.D.	FT.	TYPE	W.L.-C.C.													
			D.C.		NOZZLE NO.	FLTR. CK.													
			I.D. O.D.	FT.	SIZE	PH													
			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %													
			STB. BODY O.D.	FT.	DEPTH OUT														
			RMR. BODY O.D.	FT.	DEPTH IN														
			SUBS O.D.	FT.	TOTAL FTG.														
			BIT OR C.B.	FT.	TOTAL HR. RUN														
			KELLY DOWN	FT.	COND. OF BIT														
			TOTAL	FT.	REAMER NO.														
			WT. OF STRING	LBS.	REAMER TYPE														
			REMARKS																
			TIME LOG																
			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
			2400	1200	12	CHANGE HYDRIL RUBBER.													

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN		
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	VISC.-SEC	FROM	TO	DR..D RM..R CORE..C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	SGL-S PAR'EL-P COM'D-C
			SINGLES D.P.	FT.	SIZE														
			D.C.		MFG.														
			I.D. O.D.	FT.	TYPE	W.L.-C.C.													
			D.C.		NOZZLE NO.	FLTR. CK.													
			I.D. O.D.	FT.	SIZE	PH													
			STB. BODY O.D.	FT.	SER. NO.	SD. CONT. %													
			STB. BODY O.D.	FT.	DEPTH OUT														
			RMR. BODY O.D.	FT.	DEPTH IN														
			SUBS O.D.	FT.	TOTAL FTG.														
			BIT OR C.B.	FT.	TOTAL HR. RUN														
			KELLY DOWN	FT.	COND. OF BIT														
			TOTAL	FT.	REAMER NO.														
			WT. OF STRING	LBS.	REAMER TYPE														
			REMARKS																
			TIME LOG																
			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
			1200	2400	12	WORK ON B.O.P. PRESSURE TEST 5" TOP AND BOTTOM RAMS AND HYDRIL TO 2500 P.S.I. CHECK FOR LEAKS O.K. REPAIR RIG CHECK OUTSIDE & INSIDE CHOKES & KILL LINE VALVES W/1500* REPAIR 1/2" HOSES FOR RUNNING & COLLECT													



DAILY DRILLING REPORT

REPORT NO. 65

DATE DEC. 18-68

OPERATOR Phillips PET. CO		LEASE COD Prospect		WELL NO. 7-11		FIELD OR DIST. NORWEGIAN CONT. SHELF		COUNTY NORTH SEA		STATE NORWAY				
CONTRACTOR OPECO		RIG NO. 10	DRILL PIPE STRING NO. 75 SIZE 7 5/8 TYPE THD. XH	TOOL JOINT 6 1/4 O.D.	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>B. H. Custer</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. Dushley Robert McWay</i>		1. NAT N.1300 16		LAST CASING TUBING OR LINER		20	J.55	133	6	227	336	563
				2. NAT N.1300 16				133	J.55	68	21	1293	334	1027
				3. G.D G.D 16				99	N.80	43.5	259	6137	332	6471

TIME DISTRIBUTION-HOURS		NO. DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C		CORE NO.		FORMATION (SHOW CORE RECOVERY)		ROTARY RPM		WT. ON BIT 1000#		PUMP PRESS		PUMP NO.		PUMP NO.		METHOD RUN					
RIG UP & TEAR DOWN	NIGHT	DAY	STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM	TO																						
DRILLING ACTUAL			SINGLES D.P.	FT.	SIZE	VISC.-SEC																									
REAMING			D.C.		MFG.	W.L.-C.C.																									
CONDITIONING MUD & CIRCULATING			I.D. O.D.	FT.	TYPE	FLTR. CK.																									
TRIPS			D.C.		NOZZLE NO.	PH																									
LUBRICATE RIG			I.D. O.D.	FT.	SIZE	SD. CONT. %																									
DEVIATION SURVEY			STB. BODY O.D.	FT.	SER. NO.																										
TEST B.O.P.			STB. BODY O.D.	FT.	DEPTH OUT																										
CUT OFF DRILLING LINE			RMR. BODY O.D.	FT.	DEPTH IN																										
REPAIR RIG			SUBS O.D.	FT.	TOTAL FTG.																										
CORING			BIT OR C.B.	FT.	TOTAL HR. RUN																										
WIRE LINE LOGGING			KELLY DOWN	FT.	COND. OF BIT																										
RUNNING CASING & CEMENTING			TOTAL	FT.	REAMER NO.																										
WAITING ON CEMENT			WT. OF STRING	LBS.	REAMER TYPE																										
DRILL STEM TEST			REMARKS																												
OTHER																															
FISHING																															
COMPLETION WORK																															
A. PERFORATING																															
B. TUBING TRIPS																															
C. SWABBING																															
D. TESTING																															
E. ADDITIONAL																															
TOTALS																															
TIME SUMMARY (OFFICE USE ONLY)																															
DAY WORK																															
HRS. W/DP																															
HRS. WO/DP																															
HRS. STANDBY																															

TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
FROM	TO	TIME			
00:00	12:00	12			WORK STUCK PACKER
12:00	21:00	9			WORK STUCK PACKER
21:00	24:00	3			SCHUMBERGER RUN IN W/ TUBING CUTTERS CANNOT GET PAST 9875



DAILY DRILLING REPORT

REPORT NO. 64

DATE DEC-17-68

OPERATOR PHILLIPS PETE CO		LEASE C.O.D PROSPECT 7-11		WELL NO. 3-X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY
CONTRACTOR		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 1/4 O.D.	PUMPS		REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>[Signature]</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>[Signature]</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	NAT	N1300	16
				2.	NAT	N1300	16
				3.	G.I.D.	A X 9	16
				LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.
					20	J.55	133
					13 3/8	J.55	68
					9 5/8	N150	43.5
							NO. JOINTS
							6
							21
							258
							FEET
							227
							1293
							6139
							RKB. TO CSG. HD.
							336
							334
							332
							SET AT
							563
							1527
							6471

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN		
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D R.M..R CORE..C	CORE NO.	FROM	TO	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.	PUMP NO.	SGE..S PAR..L..P COM..D..C
			SINGLES D.P.	FT.	SIZE	WISC.-SEC											
			D.C.		MFG.	W.L.-C.C.											
			I.D. O.D.	FT.	TYPE	FLTR. CK.											
			D.C.		NOZZLE NO. SIZE	PH											
			I.D. O.D.	FT.	SER. NO.	SD. CONT. %											
			STB. BODY O.D.	FT.	DEPTH OUT												
			STB. BODY O.D.	FT.	DEPTH IN												
			RMR. BODY O.D.	FT.	TOTAL FTG.												
			SUBS O.D.	FT.	TOTAL HR. RUN												
			BIT OR C.B.	FT.	COND. OF BIT												
			KELLY DOWN	FT.	REAMER NO.												
			TOTAL	FT.	REAMER TYPE												
			WT. OF STRING	LBS.													
			REMARKS														
			<p>0000 0200 2- WORK STUCK PACKER.</p> <p>0200 0500 3 WORK TORQUE INTO TUBING UNABLE TO PULL 25,000 OVER WT. OF TUBING * TURNED TO LEFT BACKED OFF.</p> <p>0500 1000 5 PULL OUT OF HOLES LEFT. 5 JOINT TUBING TESTING EQUIPMENT IN HOLES</p> <p>10:00 1200 2- RUN IN HOLES OPEN END</p>														
			MUD & CHEMICALS ADDED														
			TYPE		AMT.		TYPE		AMT.								
			BAROID		23 TONS		SALT		126 SXS.								
			BENTONITE		30 SXS.												
			DRILLER <i>[Signature]</i>														

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN		
NIGHT	DAY		STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	DR..D R.M..R CORE..C	CORE NO.	FROM	TO	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.	PUMP NO.	SGE..S PAR..L..P COM..D..C
			SINGLES D.P.	FT.	SIZE	WISC.-SEC											
			D.C.		MFG.	W.L.-C.C.											
			I.D. O.D.	FT.	TYPE	FLTR. CK.											
			D.C.		NOZZLE NO. SIZE	PH											
			I.D. O.D.	FT.	SER. NO.	SD. CONT. %											
			STB. BODY O.D.	FT.	DEPTH OUT												
			STB. BODY O.D.	FT.	DEPTH IN												
			RMR. BODY O.D.	FT.	TOTAL FTG.												
			SUBS O.D.	FT.	TOTAL HR. RUN												
			BIT OR C.B.	FT.	COND. OF BIT												
			KELLY DOWN	FT.	REAMER NO.												
			TOTAL	FT.	REAMER TYPE												
			WT. OF STRING	LBS.													
			REMARKS														
			<p>1200 1330 1 1/2 R.I.H.</p> <p>1330 1400 1/2 SCREW INTO FISH AT 10077'</p> <p>1400 1600 2 ROTATE AND CIRC. THROUGH PACKER, TRY TO WORK FREE</p> <p>1600 1930 3 1/2 RIG UP SCHLUMBERGER RUN AND FIRE CHARGE IN PACKER</p> <p>1930 2000 1/2 TRY TO FREE PACKER</p> <p>2000 2230 2 1/2 RUN PERFORATING GUNN AND FIRE IN PACKER</p> <p>2230 2400 1 1/2 ROTATE PACKER AND TRY TO WORK FREE</p>														
			MUD & CHEMICALS ADDED														
			TYPE		AMT.		TYPE		AMT.								
			SALT		90 SXS WH. - 10 TONS		BENTONITE		40 H. BARIUM 10 SXS.								
			DESCO		1 1/2		CAUSTIC		1 1/2								
			DRILLER <i>[Signature]</i>														



DAILY DRILLING REPORT

REPORT NO. 50

DATE 10-12-68

OPERATOR PHILLIPS PET CO		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY
CONTRACTOR ODECO NORWAY INC.		RIG NO. 10	DRILL PIPE STRING NO. & SIZE	TOOL JOINT O.D. & TYPE THD.	PUMPS		SIZE MAKE WT. & GR. NO. JOINTS FEET RKB. TO CSC. HD. SET AT
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>L.E. Mattin</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Robert McKay & L. Rulala</i>		NO. 1. NATIONAL TYPE N-1300 STROKE LENGTH 16"	LAST CASING TUBING OR LINER		20 d-55 133 6 227 336 563
				2. " TYPE N-1300 STROKE LENGTH 16"			13 1/2 " 68 21 1293 334 1627
				3. G.D. TYPE FXQ STROKE LENGTH 16"			9 1/2 N-80 43.5 258 6139 332 6471

TIME DISTRIBUTION-HOURS		
	NIGHT	DAY
RIG UP & TEAR DOWN		1
DRILLING ACTUAL		
REAMING		
CONDITIONING MUD & CIRCULATING		
TRIPS	5 1/2	
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE		
REPAIR RIG		
CORING		
WIRE LINE LOGGING		2 1/2
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST	12	3
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS	12	12

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN	
		STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO								
		SINGLES D.P.	FT.	SIZE		WEIGHT											
		D.C.		MFG.		VISC.-SEC											
		I.D. O.D.	FT.	TYPE		W.L.-C.C.											
		D.C.		NOZZLE NO. & SIZE		FLTR. CK.											
		I.D. O.D.	FT.	SER. NO.		PH											
		STB. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %											
		STB. BODY O.D.	FT.	DEPTH IN													
		RMR. BODY O.D.	FT.	TOTAL FTG.													
		SUBS O.D.	FT.	TOTAL HR. RUN													
		BIT OR C.B.	FT.	COND. OF BIT													
		KELLY DOWN	FT.	REAMER NO.													
		TOTAL	FT.	REAMER TYPE													
		WT. OF STRING	LBS.														
REMARKS																	
DRILLER <i>Vern Arndt</i>																	

TIME SUMMARY (OFFICE USE ONLY)		
DAY WORK		
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		
WIRE LINE RECORD		
REEL NO.	3/4206	
NO. OF LINES	10	SIZE 1 3/8
FEET SLIPPED	None	
FEET CUT OFF	None	
PRESENT LENGTH	6940'	
TON MI. OR TRIPS SINCE LAST CUT	202	
CUMULATIVE TON MI. OR TRIPS	23404	
NO. OF DAYS FROM SPUD		
CUMULATIVE ROTATING HRS.		

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		PUMP NO.		METHOD RUN	
		STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO								
		SINGLES D.P.	FT.	SIZE		WEIGHT											
		D.C.		MFG.		VISC.-SEC											
		I.D. O.D.	FT.	TYPE		W.L.-C.C.											
		D.C.		NOZZLE NO. & SIZE		FLTR. CK.											
		I.D. O.D.	FT.	SER. NO.		PH											
		STB. BODY O.D.	FT.	DEPTH OUT		SD. CONT. %											
		STB. BODY O.D.	FT.	DEPTH IN													
		RMR. BODY O.D.	FT.	TOTAL FTG.													
		SUBS O.D.	FT.	TOTAL HR. RUN													
		BIT OR C.B.	FT.	COND. OF BIT													
		KELLY DOWN	FT.	REAMER NO.													
		TOTAL	FT.	REAMER TYPE													
		WT. OF STRING	LBS.														
REMARKS																	
DRILLER <i>Gay Blackaby</i>																	

TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
FROM	TO																
2400	0830	8 1/2		WELL OPEN, CHECKING FOR FLOW.													
0830	1200	3 1/2		WELL SHUT IN.													

TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS													
FROM	TO																
1200	1500	3.		Testing, well shut in until 1315hr, Killing well @ that time.													
1500	1930	4 1/2		P.O.H. brake & lay out packer & recording tools.													
1930	20:00	1/2		Rig up loggers.													
2000	2230	2 1/2		R.I.H w/wire line setting Baker Modle "K" size 3-B.B. cement retainer plug. Same set @ 10,518'													
2230	2300	1/2		Rig out loggers.													
2300	2400	1		Running in hole w/tubing & cement stinger.													



DAILY DRILLING REPORT

REPORT NO. 56

DATE 9-12-68

OPERATOR: PHILLIPS PET CO
 LEASE: COO. PROSPECT 7-11
 WELL NO.: 3X NORWEGIAN CONT SHELF
 COUNTY: NORTH SEA
 STATE: NORWAY
 CONTRACTOR: ODECO NORWAY INC
 RIG NO.: 10
 DRILL PIPE STRING: 6 3/8
 TOOL JOINT: 4 1/2 IP
 PUMPS: NATIONAL N-1300 16", NATIONAL N-1300 16", B.D. FXQ 16"

TIME DISTRIBUTION-HOURS

ACTIVITY	NIGHT	DAY
RIG UP & TEAR DOWN		1 1/2
DRILLING ACTUAL		
REAMING		
CONDITIONING MUD & CIRCULATING		
TRIPS	2	3
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE	1	
REPAIR RIG		
CORING		
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		8 1/2
OTHER	1	
FISHING		
COMPLETION WORK		
A. PERFORATING	8	
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS	12	12

DRILLING ASSEMBLY AT END OF TOUR

NO.	STANDS D.P.	FT.	BIT NO.	TIME
	SINGLES D.P.	FT.	SIZE	WEIGHT
	D.C.		MFG.	VISC.-SEC
	I.D. O.D.	FT.	TYPE	W.L.-C.C.
	D.C.		NOZZLE NO. SIZE	FL TR. CK.
	I.D. O.D.	FT.	SER. NO.	PH
	STB. BODY O.D.	FT.	DEPTH OUT	SD. CONT. %
	STB. BODY O.D.	FT.	DEPTH IN	
	RMR. BODY O.D.	FT.	TOTAL FTG.	
	SUBS O.D.	FT.	TOTAL HR. RUN	
	BIT OR C.B.	FT.	COND. OF BIT	
	KELLY DOWN	FT.	REAMER NO.	
	TOTAL	FT.	REAMER TYPE	
	WT. OF STRING	LBS.		

REMARKS: 0930 1000 1/2 RIG DOWN SCHLUMBERGER
1000 1200 2 PICK UP TESTING TOOLS, RUNNING IN HOLE

FOOTAGE

FROM	TO	DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. LINER SIZE	METHOD RUN
2400	0100	1		SLIP & CUT 90' DRAG LINE				6 3/4"	6 3/4"	SGL-S PAR-EL-P COM-D-C
0100	0130	1/2		RIG UP SCHLUMBERGER						
0130	0930	8		SCHLUMBERGER RUNNING, JUNK BASKET, RUN BRIDGE PAUC 10,623' PERFORATE FROM 10,532'-10,545', 10,556'-10,571' & 10,588'-10,603'						
0930	1000	1/2		RIG DOWN SCHLUMBERGER						
1000	1200	2		PICK UP TESTING TOOLS, RUNNING IN HOLE						

WIRE LINE RECORD

REEL NO. 314206
 NO. OF LINES 10 SIZE 1 3/8
 FEET SLIPPED NONE
 FEET CUT OFF 90
 PRESENT LENGTH 6940
 TON MI. OR TRIPS SINCE LAST CUT 101
 CUMULATIVE TON MI. OR TRIPS 23303
 NO. OF DAYS FROM SPUD 55
 CUMULATIVE ROTATING HRS.

DRILLING ASSEMBLY AT END OF TOUR

NO.	STANDS D.P.	FT.	BIT NO.	TIME
	SINGLES D.P.	FT. <td>SIZE<td>WEIGHT</td></td>	SIZE <td>WEIGHT</td>	WEIGHT
	D.C.		MFG. <td>VISC.-SEC</td>	VISC.-SEC
	I.D. O.D.	FT. <td>TYPE<td>W.L.-C.C.</td></td>	TYPE <td>W.L.-C.C.</td>	W.L.-C.C.
	D.C.		NOZZLE NO. SIZE <td>FL TR. CK.</td>	FL TR. CK.
	I.D. O.D.	FT.	SER. NO. <td>PH</td>	PH
	STB. BODY O.D.	FT.	DEPTH OUT	SD. CONT. %
	STB. BODY O.D.	FT.	DEPTH IN	
	RMR. BODY O.D.	FT.	TOTAL FTG.	
	SUBS O.D.	FT.	TOTAL HR. RUN	
	BIT OR C.B.	FT.	COND. OF BIT	
	KELLY DOWN	FT.	REAMER NO.	
	TOTAL	FT.	REAMER TYPE	
	WT. OF STRING	LBS.		

REMARKS: 1200 1300 3 R.I.H w/ Testing tools.
1500 1530 1/2 Rig up to test
1530 1630 1 displacing tubing w/ dresel & set packer.
1630 2000 3 1/2 Testing w/ well closed in
2000 2400 4 1/2 open well, checking flow.

FOOTAGE

FROM	TO	DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. LINER SIZE	METHOD RUN
1200	1300	3		R.I.H w/ Testing tools.						
1500	1530	1/2		Rig up to test						
1530	1630	1		displacing tubing w/ dresel & set packer.						
1630	2000	3 1/2		Testing w/ well closed in						
2000	2400	4 1/2		open well, checking flow.						



DAILY DRILLING REPORT

REPORT NO. 53

DATE 6-12-68

OPERATOR: PHILLIPS PET CO
 CONTRACTOR: ODECO NORWAY INC
 LEASE: COD. PROSPECT
 RIG NO.: 10
 WELL NO.: EX
 FIELD OR DIST.: NORWEGIAN CONT SHELF
 COUNTY: NORTH SEA
 STATE: NORWAY

NO.	MANUFACTURER	TYPE	STROKE LENGTH	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
1.	NATIONAL	N-1300	16	20"	1-55	133	6	227	336	563	
2.	"	N-1300	16	13 3/4"	"	68	21	1293	334	1627	
3.	G.D.	FXQ	16	9 1/2"	N-80	43.5	258	6139	332	6471	

TIME DISTRIBUTION-HOURS	NIGHT	DAY	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		METHOD RUN
			STANDS D.P.	FT.	BIT NO.	TIME	FROM	TO	DEPTH	DEV.			DIRECTION	DEPTH	DEV.				DIRECTION	LINEAR SIZE	
RIG UP & TEAR DOWN																					
DRILLING ACTUAL																					
REAMING																					
CONDITIONING MUD & CIRCULATING																					
TRIPS																					
LUBRICATE RIG																					
DEVIATION SURVEY																					
TEST B.O.P.																					
CUT OFF DRILLING LINE																					
REPAIR RIG																					
CORING																					
WIRE LINE LOGGING																					
RUNNING CASING & CEMENTING																					
WAITING ON CEMENT																					
DRILL STEM TEST																					
OTHER																					
FISHING																					
COMPLETION WORK																					
A. PERFORATING																					
B. TUBING TRIPS																					
C. SWABBING																					
D. TESTING																					
E. ADDITIONAL																					
TOTALS																					
TIME SUMMARY (OFFICE USE ONLY)																					
DAY WORK																					
HRS. W/DP																					
HRS. WO/DP																					
HRS. STANDBY																					
TOTAL DAY WORK																					
WIRE LINE RECORD																					
REEL NO. 314206																					
NO. OF LINES 10 SIZE 1 3/4																					
FEET SLIPPED 0																					
FEET CUT OFF 0																					
PRESENT LENGTH 7050																					
TON MI. OR TRIPS SINCE LAST CUT 2050																					
CUMULATIVE TON MI. OR TRIPS 21590																					
NO. OF DAYS FROM SPUD 52																					
CUMULATIVE ROTATING HRS.																					

DRILLER: V. Arnett

DRILLER: Wayne Robinson



DAILY DRILLING REPORT

REPORT NO. 52

DATE 5-12-68

OPERATOR PHILLIPS PET. CO.		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY	
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. SIZE	TOOL JOINT O.D.	PUMPS			REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>L.P. Jettin</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. Buckley Robert M. Way</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	
				1.	NATIONAL	N-1300	16	
				2.	"	N-1300	16	
				3.	G.D.	FXD	16	
SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT		
20	J-55	133	6	227	336	563		
13 1/2	"	68	21	1293	334	1627		
9 1/2	N-80	43.5	258	6139	332	6471		

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN			
NIGHT	DAY		NO.	FT.	BIT NO.	TIME	WEIGHT	W.L.-C.C.	FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			STANDS D.P.		SIZE													
			SINGLES D.P.		MFG.	VISC.-SEC												
			D.C.		NOZZLE NO. SIZE	FLTR. CK.												
			I.D. O.D.		SER. NO.	PH												
			D.C.		DEPTH OUT	SD. CONT. %												
			I.D. O.D.		DEPTH IN													
			STB. BODY O.D.		TOTAL FTG.													
			STB. BODY O.D.		TOTAL HR. RUN													
			RMR. BODY O.D.		COND. OF BIT													
			SUBS O.D.		REAMER NO.													
			BIT OR C.B.		REAMER TYPE													
			KELLY DOWN															
			TOTAL															
			WT. OF STRING	LBS.														
			REMARKS															
			DRILLER <i>V. Arndt</i>															

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO.		METHOD RUN			
NIGHT	DAY		NO.	FT.	BIT NO.	TIME	WEIGHT	W.L.-C.C.	FROM	TO	DR.-D RM.-R CORE.-C	CORE NO.	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
			STANDS D.P.		SIZE													
			SINGLES D.P.		MFG.	VISC.-SEC												
			D.C.		NOZZLE NO. SIZE	FLTR. CK.												
			I.D. O.D.		SER. NO.	PH												
			D.C.		DEPTH OUT	SD. CONT. %												
			I.D. O.D.		DEPTH IN													
			STB. BODY O.D.		TOTAL FTG.													
			STB. BODY O.D.		TOTAL HR. RUN													
			RMR. BODY O.D.		COND. OF BIT													
			SUBS O.D.		REAMER NO.													
			BIT OR C.B.		REAMER TYPE													
			KELLY DOWN															
			TOTAL															
			WT. OF STRING	LBS.														
			REMARKS															
			DRILLER <i>Wayne Robinson</i>															

DAILY DRILLING REPORT

REPORT NO. 46

DATE 11-29-68

OPERATOR: Phillips PETE. CO. LEASE: C.O.D. PROSPECT 7-11

WELL NO. 3-X FIELD OR DIST. NORWEGIAN cont. sdh. COUNTY NORTH SEA STATE NORWAY

CONTRACTOR: ODECO-NORWAY INC. RIG NO. 10

DRILL PIPE STRING: NO. 1, SIZE 5, TYPE THD. X.I.D.

TOOL JOINT: 6 1/4 O.D.

PUMPS: NO. 1, MANUFACTURER NAT, TYPE N1300, STROKE LENGTH 16; NO. 2, MANUFACTURER NAT, TYPE N1300, STROKE LENGTH 16; NO. 3, MANUFACTURER G.I.D., TYPE 410, STROKE LENGTH 16

LAST CASING TUBING OR LINER: SIZE 20, MAKE J.55, WT. & GR. 133, NO. JOINTS 6, FEET 227, RKB. TO CSG. HD. 336, SET AT 563; SIZE 13 3/4, MAKE J.55, WT. & GR. 68, NO. JOINTS 31, FEET 1293, RKB. TO CSG. HD. 338, SET AT 1627; SIZE 9 5/8, MAKE N.80, WT. & GR. 43.5, NO. JOINTS 158, FEET 6139, RKB. TO CSG. HD. 332, SET AT 6471

SIGNATURE OF OPERATOR'S REPRESENTATIVE: B. H. Carter

SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J. L. Ruble R. J. Plamies

TIME DISTRIBUTION-HOURS	
NIGHT	DAY
RIG UP & TEAR DOWN	
DRILLING ACTUAL	2 1/2 9
REAMING	
CONDITIONING MUD & CIRCULATING	2 2
TRIPS	7 1/2 1
LUBRICATE RIG	
DEVIATION SURVEY	
TEST B.O.P.	
CUT OFF DRILLING LINE	
REPAIR RIG	
CORING	
WIRE LINE LOGGING	
RUNNING CASING & CEMENTING	
WAITING ON CEMENT	
DRILL STEM TEST	
OTHER	
FISHING	
COMPLETION WORK	
A. PERFORATING	
B. TUBING TRIPS	
C. SWABBING	
D. TESTING	
E. ADDITIONAL	

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-E
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC							W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	
111	STANDS D.P. 9878.87 FT.			21	22	1130	130	330											
1	SINGLES D.P. FT.			8 1/2	8 1/2	14.0	13.9	13.9											
	D.C. 2 1/8 6.0 D. 929.76 FT.			SEC	SEC	90	60	48											
30	D.C. 2 1/8 6.0 D. 929.76 FT.			NO. 1 2 1 2															
1	I.D. O.D. FT.			NO. 1 2 1 2															
12	STB. BODY O.D. 71.30 FT.			SIZE 10 11 10 11															
	STB. BODY O.D. FT.			SER. NO. 945365/109114															
	RMR. BODY O.D. FT.			DEPTH OUT 10941															
	SUBS O.D. 6.00 FT.			DEPTH IN 10995/10941															
2	BIT OR C.B. 1.00 FT.			TOTAL FTG. 46															
1	B.S. 15.75 FT.			TOTAL HR. RUN 12															
	KELLY DOWN 15 FT.			COND. OF BIT T7B.4.16															
	TOTAL 10941 FT.			REAMER NO.															
	WT. OF STRING 240.000 LBS.			REAMER TYPE															
REMARKS BS# 9. 45 hrs BS# 10																			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																
FROM	TO																		
2400	0230	2 1/2	DRILLING																
0230	0430	2	CIRCULATE RTMS UP																
0430	1200	7 1/2	ROUND TRIP FOR NEW BIT Pick up new bumper sub. check pipe rams choke & kill liners on Babs. stack. All values & Rams working o.k.																

TOTALS	
NIGHT	DAY
12	12
TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO. 3/4206	
NO. OF LINES 10 SIZE 1 3/8	
FEET SLIPPED None	
FEET CUT OFF 90	
PRESENT LENGTH 7050	
TON ML. OR TRIPS SINCE LAST CUT 476	
CUMULATIVE TON ML. OR TRIPS 20023	
NO. OF DAYS FROM SPUD	
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-S PAR-EL-P COM'D-E
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC							W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %	
112	STANDS D.P. 99233 FT.			22		1400	1800	20'00											
	SINGLES D.P. FT.			8 1/2		14.0	14.0	14.0											
	D.C. 2 1/8 6.0 D. 929.76 FT.			SEC		60.	61	60											
30	D.C. 2 1/8 6.0 D. 929.76 FT.			NO. 1 2															
1	I.D. O.D. 15.75 FT.			SIZE 10 11															
12	STB. BODY O.D. 71.30 FT.			SER. NO. 109114															
	STB. BODY O.D. FT.			DEPTH OUT 10992															
	RMR. BODY O.D. FT.			DEPTH IN 10941															
	SUBS O.D. 6.00 FT.			TOTAL FTG. 51'															
1	BIT OR C.B. 1.00 FT.			TOTAL HR. RUN 9															
	KELLY DOWN 46.00 FT.			COND. OF BIT T7B.4.16															
	TOTAL 10992.49 FT.			REAMER NO.															
	WT. OF STRING 242.000 LBS.			REAMER TYPE															
REMARKS Barite 5 tons Caustic 3 cans SALT 60 lbs																			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																
FROM	TO																		
1200	2100	9	DRILLING																
2100	2300	2	CIRC BOTTOMS UP																
2300	2400	1	P.O.H. STRAPPING PIPE																



DAILY DRILLING REPORT

REPORT NO. 45

DATE 11-28-64

OPERATOR: *Pdihlils P.E. Co*
 CONTRACTOR: *ODECO*
 SIGNATURE OF OPERATOR'S REPRESENTATIVE: *B. H. Carter*
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: *R. G. Plasanic*

LEASE: *C.O.D. PROSPECT 7-11*
 WELL NO.: *3-X* FIELD OR DIST.: *NORWEGIAN COST SHELF* COUNTY: *NORTH SEA* STATE: *NORWAY*

RIG NO.: *10*
 DRILL PIPE STRING: *6 1/4 O.D.* TOOL JOINT: *X.H.*
 PUMPS: *1. NAT 11300 16*
2. NAT 11900 16
3. NAT G.D. 16

NO.	SIZE	TYPE THD.	NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
20	J.55		6			227		336	563						
13 3/4	J.55		31			1293		334	1627						
9 5/8	N.50		158			6139		332	6471						

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD			FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN			
RIG UP & TEAR DOWN	NIGHT	DAY	NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORM.	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SCL-S PAR'EL-P COM'D-C	
DRILLING ACTUAL	3 1/2	9 1/2	111	9835.14 FT.	20	8 1/2	11 1/2	139	58	5.2	108.69	10895	SANDSTONE, SHALE & LIMESTONE	60	50	3000	6 3/4	41	6 3/4			
REAMING			30	929.76 FT.	21	8 1/2	2 15	13.9	53	5.3												
CONDITIONING MUD & CIRCULATING	2																					
TRIPS	6	1 1/2																				
LUBRICATE RIG																						
DEVIATION SURVEY																						
TEST B.O.P.																						
CUT OFF DRILLING LINE	1/2	1																				
REPAIR RIG																						
CORING																						
WIRE LINE LOGGING																						
RUNNING CASING & CEMENTING																						
WAITING ON CEMENT																						
DRILL STEM TEST																						
OTHER																						
FISHING																						
COMPLETION WORK																						
A. PERFORATING																						
B. TUBING TRIPS																						
C. SWABBING																						
D. TESTING																						
E. ADDITIONAL																						
TOTALS	12																					

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD			MUD RECORD			FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN			
DRILLING ACTUAL			NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	FORM.	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SCL-S PAR'EL-P COM'D-C	
REAMING			111	9878.87 FT.	21	8 1/2	2 30	13.9+	70		10895	10929	SAND & SHALE	65	50	3000	6 3/4	39	6 3/4		S	
CONDITIONING MUD & CIRCULATING			30	929.76 FT.																		
TRIPS																						
LUBRICATE RIG																						
DEVIATION SURVEY																						
TEST B.O.P.																						
CUT OFF DRILLING LINE																						
REPAIR RIG																						
CORING																						
WIRE LINE LOGGING																						
RUNNING CASING & CEMENTING																						
WAITING ON CEMENT																						
DRILL STEM TEST																						
OTHER																						
FISHING																						
COMPLETION WORK																						
A. PERFORATING																						
B. TUBING TRIPS																						
C. SWABBING																						
D. TESTING																						
E. ADDITIONAL																						
TOTALS																						



DAILY DRILLING REPORT

REPORT NO. 444 DATE Nov 22, 1966

OPERATOR: Phillips Pet Co
 LEASE: Cod Prospect
 WELL NO.: 3X
 FIELD OR DIST.: Norwegian Cont Shelf
 COUNTY: North Sea
 STATE: Norway
 CONTRACTOR: ODECO
 RIG NO.: 10
 DRILL PIPE STRING: 1 5/8
 TOOL JOINT: 6 3/8 O.D.
 TYPE THD: 4 1/2 IF
 PUMPS:
 1. National N 1300 16
 2. " N 1300 16
 3. FXQ 6D FXQ 16
 LAST CASING TUBING OR LINER:
 20 J-55 133 6 336
 13 3/8 J-55 68 31 334
 9 5/8 N-80 43.5 158 332

TIME DISTRIBUTION—HOURS

ACTIVITY	NIGHT	DAY
RIG UP & TEAR DOWN		
DRILLING ACTUAL	6 1/2	8 1/2
REAMING		
CONDITIONING MUD & CIRCULATING	2	
TRIPS	3 1/2	3 1/2
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE		
REPAIR RIG		
CORING		
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS	12	12

DRILLING ASSEMBLY AT END OF TOUR

NO.	STANDS D.P.	FT.
110	9746.74	
30	929.26	
1	15.25	
12	71.30	
2	6.00	
1	1.00	
TOTAL 10810 FT.		
WT. OF STRING 2401.00 LBS.		

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	NO.	SIZE	SER. NO.	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HR. RUN	COND. OF BIT	REAMER NO.	REAMER TYPE
19	8 1/2	Sec	M4265	1 2	10 11	108923	10810	1074	46	8	Poor		

MUD RECORD

TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %
11 20 4 00 7 1/2	13.9 13.8 13.9	52 57 8 1/2				
MUD & CHEMICALS ADDED						
C.M.C.	2 Sks					
SODA ASH	5 "					
MICA	2 "					
BARITE	13 TONS					

FOOTAGE

FROM	TO	DR. D. RM. R. CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
10774	10810	36		Sand & Shale.	65	300	3000	6 3/4 31	6 3/4	

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	6 30	6 1/2	DRWG
06 30	08 30	2	CIRC. Bottoms up.
08 30	12 00	3 1/2	P.O.H. 1. Jet Plugged off.

REMARKS

DRILLER: J. ARNDT

WIRE LINE RECORD

REEL NO. 3/4209
 NO. OF LINES 10 SIZE 13/8
 FEET SLIPPED None
 FEET CUT OFF 360
 PRESENT LENGTH 7140
 TON MI. OR TRIPS SINCE LAST CUT 2200
 CUMULATIVE TON MI. OR TRIPS 11077
 NO. OF DAYS FROM SPUD 42
 CUMULATIVE ROTATING HRS.

DRILLING ASSEMBLY AT END OF TOUR

NO.	STANDS D.P.	FT.
110	9791.00	
1	929.75	
1	15.75	
12	71.30	
2	6.00	
1	1.00	
TOTAL 10810 FT.		
WT. OF STRING 240.000 LBS.		

BIT RECORD

BIT NO.	SIZE	MFG.	TYPE	NO.	SIZE	SER. NO.	DEPTH OUT	DEPTH IN	TOTAL FTG.	TOTAL HR. RUN	COND. OF BIT	REAMER NO.	REAMER TYPE
20	8 1/2	Sec	M4265	1 2	10 11	10352	10810	10810	86	12	T 7 B 6	-	

MUD RECORD

TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FLTR. CK.	PH	SD. CONT. %
18 00 22 00	13.9 13.9	51 51				
MUD & CHEMICALS ADDED						
SALT	150 24					
C.M.C.	10 24					
SODA ASH	10 24					

FOOTAGE

FROM	TO	DR. D. RM. R. CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
10810	10869	59		Sand & Shale	65	45	300	6 3/4 42	6 3/4	S.

DEVIATION RECORD

DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION

TIME LOG

FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
12 00	13 00	1	P.O.H.
13 00	15 30	2 1/2	R.I.H. with Bit # 20
15 30	24 00	8 1/2	Drig

REMARKS

DRILLER: Gary B. Blawie



DAILY DRILLING REPORT

REPORT NO. 43

DATE 26-11-68

OPERATOR PHILLIPS PET. CO		LEASE COD. PROSPECT		WELL NO. 3X		FIELD OR DIST. NORWEGIAN CONT SHELF		COUNTY NORTH SEA		STATE NORWAY								
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5"	TOOL JOINT 6 3/4" O.D.	PUMPS			LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS		
SIGNATURE OF OPERATOR'S REPRESENTATIVE C.O. Sabur		SIGNATURE OF CONTRACTOR'S TOOL PUSHER R.C. Rude Robert Midway		NO.	MANUFACTURER	TYPE	STROKE LENGTH	1. NATIONAL	N-1300	16"			20"	d-55	133	6	336	
								2. "	N-1300	16"			13 3/4"	d-55	68	31	334	
								3. G.D.	FXQ	16"			9 3/4"	N-80	435	158	332	

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NIGHT	DAY		NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
			109	9659.62	18	8 1/2	11:30	13.9	54		10630	10764							
			1	43.01 FT.			6:00	13.8	50										
			30	929.76	SEC		11:30	13.9	53										
			1	15.75	M446														
			12	71.30															
			1	15.75															
			2	6.00															
			1	1.00															
				37.56															
				1974.00															
				238,000															
REMARKS																			
B.S. #9 - 13 1/2 hrs																			
DRILLER Uwe Aardt																			

TIME DISTRIBUTION-HOURS			DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		FORMATION (SHOW CORE RECOVERY)		PUMP NO. 1		PUMP NO. 2		METHOD RUN	
NIGHT	DAY		NO.	STANDS D.P.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM	TO	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	
			109	9659.62	18	8 1/2					10764	10774							
			1	43.01 FT.	19	8 1/2													
			30	929.76	SEC														
			1	15.75	M446														
			12	71.30															
			1	15.75															
			2	6.00															
			1	1.00															
				48.00															
				10774.49															
				238,000															
REMARKS																			
B/S #9 - 15 1/2 hrs																			
DRILLER Gary Blankenby																			



DAILY DRILLING REPORT

REPORT NO. 41 DATE 24-11-68

OPERATOR: PHILLIPS PET. CO LEASE: COD. PROSPECT 7-11 WELL NO. 3X FIELD OR DIST. NORWEGIAN CONT SHELF COUNTY NORTH SEA STATE NORWAY

CONTRACTOR: ODECO NORWAY INC RIG NO. 10 DRILL PIPE STRING NO. 1 SIZE 5" TOOL JOINT 6 3/4" O.D. TYPE THD. 4 1/2" IF

SIGNATURE OF OPERATOR'S REPRESENTATIVE: E.O. Seaborn SIGNATURE OF CONTRACTOR'S TOOL PUSHER: J.L. Rube

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
					20"	d-55	133	6		336		
1.	NATIONAL	N-1300	16"		13 3/4"	"	68	31		334		
2.					9 5/8"	N-80	43.5	15-8		332		

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
			TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM							TO	LINER SIZE	S.P.M.	LINER SIZE		S.P.M.
110	STANDS D.P. 9746.8 FT.	BIT NO. 17	11:45	600	1130	10,388	10,424	R		SAND & SHALE	60-130	900	1200	6 3/4"	40	6 3/4"	40	S	
1	SINGLES D.P. 44.33 FT.	SIZE 8 5/8"	13.9	13.8	13.8	10,424	10,472	DR.		"	60-130	1200	1200	6 3/4"	40	6 3/4"	40		
18	2 1/2" 6 1/2" I.D. O.D. 558.2 FT.	MFG. CHRIST	56	53	52														
	D.C.	TYPE DIAM																	
	I.D. O.D. FT.	NOZZLE NO. SIZE	FLTR. CK.	PH	SD. CONT. %	DEVIATION RECORD		DEPTH		DEV.		DIRECTION		DEPTH		DEV.		DIRECTION	
8	STB. BODY 6 1/2" O.D. 47.56 FT.	SER. NO. M368246	TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
	STB. BODY O.D. FT.	DEPTH OUT	FROM	TO		REAMING & WASHING.													
2	RMR. BODY 6 1/2" O.D. 6.00 FT.	DEPTH IN 10424	0400	0400	4	DRILG.													
1	SUBS 6 1/2" O.D. 1.00 FT.	TOTAL FTG. 48	0400	1200	8														
1	BIT OR C.B. 1.00 FT.	TOTAL HR. RUN 8	MUD & CHEMICALS ADDED																
1	B.S. 15.75	COND. OF BIT	TYPE	AMT.	TYPE	AMT.													
	KELLY DOWN 52.31 FT.	REAMER NO.	MICA-FINE	5 STS	SODA	5 STS													
	TOTAL 10,472.00	REAMER TYPE	SALFAR	16 STS	SULFAX	14 STS													
	WT. OF STRING 215,000 LBS.	REMARKS																	
B.S. #8 - 19 HRS. DRILLER <u>Vern Arndt</u>																			

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD	MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN	
			TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM							TO	LINER SIZE	S.P.M.	LINER SIZE		S.P.M.
111	STANDS D.P. 9835.16 FT.	BIT NO. 17	1400	1800	2200	10472	10550	DR		SAND SHALE	128	25	1500	6 3/4"	37	6 3/4"	S		
1	SINGLES D.P. 44.33 FT.	SIZE 8 5/8"	13.9	13.8	13.8														
18	2 1/2" 6 1/2" I.D. O.D. 558.2 FT.	MFG. CHRISTEN	52	54	53														
	D.C.	TYPE DIAM																	
	I.D. O.D. FT.	NOZZLE NO. SIZE	FLTR. CK.	PH	SD. CONT. %	DEVIATION RECORD		DEPTH		DEV.		DIRECTION		DEPTH		DEV.		DIRECTION	
8	STB. BODY 6 1/2" O.D. 47.56 FT.	SER. NO. M368246	TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
	STB. BODY O.D. FT.	DEPTH OUT	FROM	TO		DRILLING													
2	RMR. BODY 6 1/2" O.D. 6.00 FT.	DEPTH IN 10424	1200	2400	12														
1	SUBS 6 1/2" O.D. 1.00 FT.	TOTAL FTG. 126	MUD & CHEMICALS ADDED																
1	BIT OR C.B. 1.00 FT.	TOTAL HR. RUN 20	TYPE	AMT.	TYPE	AMT.													
1	B.S. 15.75	COND. OF BIT	MICA-FINE	20 STS	SALT	200 #													
	KELLY DOWN 42.00 FT.	REAMER NO.	SODA-ASH	3 #	SULFAX	55 GAL													
	TOTAL 10550.00	REAMER TYPE																	
	WT. OF STRING 215,000 LBS.	REMARKS																	
B.S. #8 - 20 HRS. DRILLER <u>Wayne Robinson</u>																			

DAILY DRILLING REPORT

REPORT NO. 38

DATE Nov 24, 1946

OPERATOR: Phillips Petco
 CONTRACTOR: OPECO
 SIGNATURE OF OPERATOR'S REPRESENTATIVE: E.O. [Signature]
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: R. Buckley - Robert McKay

LEASE: 7-11 3X
 WELL NO.: [Blank] FIELD OR DIST.: North Sea COUNTY: [Blank] STATE: Norway

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
1.	National	1300	16		20	1.55	133	6		336		
2.	"	"	16		13 3/8	1.55	68	31		334		
3.	G.D.	EXR	16		9 3/8	N.80	43.5	158		334		

TIME DISTRIBUTION-HOURS

	NIGHT	DAY
RIG UP & TEAR DOWN		
DRILLING ACTUAL	2 1/2	
REAMING		
CONDITIONING MUD & CIRCULATING	3 1/2	1 1/2
TRIPS	6	5 1/2
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE		
REPAIR RIG		
CORING		5
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS	12	12

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D. RM. R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM									
102	STANDS D.P. 9086.27 FT.		15	9:00	9	10,111	10,147			SAND & SHALE	72	45	3000	6 3/4	40		
30	STB. BODY O.D. 4 1/2 929.76 FT.		8 1/2	7+ 9	51												
12	STB. BODY O.D. 71.30 FT.		SEC	51	54												
1	STB. BODY O.D. 3.00 FT.		MANGU														
1	STB. BODY O.D. 1.00 FT.		NOZZLE NO. 1 2														
1	STB. BODY O.D. 15.75 FT.		SIZE 10 11														
1	STB. BODY O.D. 36.92 FT.		SER. NO. 103514														
1	STB. BODY O.D. 10,147.00 FT.		DEPTH OUT 10,147														
1	STB. BODY O.D. 3.00 FT.		DEPTH IN 10,111														
1	STB. BODY O.D. 1.00 FT.		TOTAL FTG. 36														
1	STB. BODY O.D. 15.75 FT.		TOTAL HR. RUN 2 1/2														
1	STB. BODY O.D. 36.92 FT.		COND. OF BIT TIBLI														
1	STB. BODY O.D. 10,147.00 FT.		REAMER NO.														
1	STB. BODY O.D. 230,000 LBS.		REAMER TYPE														

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
0000 0300	3	R.I.H. ✓
0300 0500	2	DRLG
0500 0630	1 1/2	CIRC. BTMS UP. @ 11,139'
0630 0700	1/2	DRLG
0700 0900	2	CIRC. TO CORE COND. MUD
0900 1200	3	P.O.O.H.

WIRE LINE RECORD

REEL NO.	
NO. OF LINES	10
SIZE	1 3/4
FEET SLIPPED	
FEET CUT OFF	270
PRESENT LENGTH	1230
TON MI. OR TRIPS SINCE LAST CUT	1881
CUMULATIVE TON MI. OR TRIPS	8584
NO. OF DAYS FROM SPUD	37
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D. RM. R. CORE. C.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM									
110	STANDS D.P. 9724.90 FT.		20 1/2			2200											
1	SINGLES D.P. 44.00 FT.		8 1/2			13.9											
9.	I.D. O.D. 27.9.10 FT.		Christian Diamond			49											
2	STB. BODY O.D. 55.50 FT.																
5	STB. BODY O.D. 2966 FT.																
3	STB. BODY O.D. 655 FT.																
3	STB. BODY O.D. 2.33 FT.																
3	STB. BODY O.D. 5.35 FT.																
3	STB. BODY O.D. 90 FT.																
1	STB. BODY O.D. 15.75 FT.																
1	STB. BODY O.D. 47.00 FT.																
1	STB. BODY O.D. 10185.00 FT.																

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200 1330	1 1/2	P.O.O.H.
1330 1400	1/2	Pick up CORE BBL. MAKEUP BIT
1400 1730	3 1/2	MAKEUP B.H.A., Run in Hole
1730 1900	1 1/2	CIRC BTMS UP
1900 2400	5	CUT CORE #2

DAILY DRILLING REPORT

REPORT NO. 37

DATE 11-20-68

OPERATOR: *Philippe Pet. Co.* LEASE: *7-11-3X* WELL NO.: *37* FIELD OR DIST.: *North Sea* COUNTY: *North Sea* STATE: *Norway*

CONTRACTOR: *O.D.E.C.O.* RIG NO.: *10* DRILL PIPE STRING NO.: *1* SIZE: *5* TOOL JOINT: *2 1/4* O.D.: *4 1/2* TYPE THD: *API*

SIGNATURE OF OPERATOR'S REPRESENTATIVE: *E.O. Seaborn* SIGNATURE OF CONTRACTOR'S TOOL PUSHER: *Robert Melby Roy Buckley*

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
					20	J. 55	133	6		336		
1.	NAT	N 1300	16		13 3/4	J 55	68	31		334		
2.	NAT	N 1300	16		9 7/8	N. 90	43.5	158		324		
3.	G.D.	F 19	16									

TIME DISTRIBUTION-HOURS		NIGHT	DAY
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING	1 1/2		
TRIPS	3 1/2	5	
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.		3 1/2	
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING	7	2	
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER		1 1/2	
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	12	12	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2		PUMP NO.	METHOD RUN
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM			TO	DEPTH	DEV.				DIRECTION	DEPTH		
109	9660	37	COF-29	8 7/8	2:30	630	1130	10086	10106	C	1	SAND ?			60	15	900	6 3/4	32		S
9	279	10	CHRIST DIAMOND	5 1/2	5:0	5:0	5:0														
5	2966			10 11																	
3	655			10 11																	
3	233			10 11																	
3	535			10 11																	
2	3155			10 11																	
2	3500			10 11																	
TOTAL	10106																				
WT. OF STRING	190,000		LBS.		REAMER NO.		REAMER TYPE														

TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
	0000	0330	3 1/2	Going in hole w/ core bbl.
	0330	0500	1 1/2	Gick Bottom up, Dropped Ball @ 2445
	0500	1200	7	Coring

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	10
SIZE	3/4
FEET SLIPPED	
FEET CUT OFF	-270
PRESENT LENGTH	7230
TON MI. OR TRIPS SINCE LAST CUT	1313
CUMULATIVE TON MI. OR TRIPS	8016
NO. OF DAYS FROM SPUD	3.6
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2		PUMP NO.	METHOD RUN
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM			TO	DEPTH	DEV.				DIRECTION	DEPTH		
109	9660	06	COF-15	8 7/8	1:00	138	49	10106	10111	C	1	SAND SHALE			60	15	910	6 3/4	31		
9	279	10	CHRIST DIAMOND	5 1/2																	
5	2966			10 11																	
3	655			10 11																	
3	233			10 11																	
3	535			10 11																	
1	90			10 11																	
2	3155			10 11																	
2	4000			10 11																	
TOTAL	10111																				
WT. OF STRING	190,000		LBS.		REAMER NO.		REAMER TYPE														

TIME LOG	FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
	1200	1400	2	CUT CORE #1 @ 10086' to 10111'
	1400	1730	3 1/2	Pull out CORE BBL.
	1730	1900	1 1/2	RECOVER CORE, STAND BACK BBL. 100% Recovery
	1900	2230	3 1/2	Pull wear Ring, Run Test plug TEST B.O.P. Run Wair Ring in.
	2230	2400	1 1/2	MAKE UP B.H.A. To Drill WITH

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DAILY DRILLING REPORT

REPORT NO. 36

DATE Nov 19 1968

OPERATOR: Phillips Petroleum Co
 LEASE: COD Prospect 7-11-3X
 WELL NO.: 3-X
 FIELD OR DIST.: Norwegian Cont (Skelley)
 COUNTY: WORTHEN, NEB
 STATE: NEBRASKA

CONTRACTOR: ODECO
 RIG NO.: 10
 DRILL PIPE STRING NO.: 15
 TOOL JOINT: 6 1/4 O.D.
 TYPE THD.: X.H.

SIGNATURE OF OPERATOR'S REPRESENTATIVE: E.O. Schuman
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: R. Buckley

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
					20	J.55	133	6		336		
2	NAT.	N.1300	16		13 3/4	J.55	68	31		334		
3	G.I.D.	4 x 9	16		9 5/8	N.130	43.5	158		324		

TIME DISTRIBUTION-HOURS		
	NIGHT	DAY
RIG UP & TEAR DOWN		
DRILLING ACTUAL	6	2
REAMING		
CONDITIONING MUD & CIRCULATING		4
TRIPS	6	0
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE		
REPAIR RIG		
CORING		
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2		PUMP NO.	METHOD RUN
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC							W.L.-C.C.	FLTR. CK.		
101	SINGLES D.P. 10021.46 FT. D.C.	14	8 1/2	6:00	9:10	11:00	9942	10039	97		Sand. Shale.	90	500	3000	6 3/4	41		
30	I.D. O.D. 927.76 FT. D.C.		SEC	60	95	57												
12	STB. BODY O.D. 71.30 FT. D.C.		NO. 1 2 SIZE 10 11															
1	RMR. BODY O.D. 4.80 FT. SUBS		SER. NO. 945846															
2	I.D. O.D. 6.00 FT.		DEPTH OUT 9942															
1	BIT OR C.B. 1.00 FT.		DEPTH IN															
1	B.S. 15.75 FT.		TOTAL FTG. 97															
	KELLY DOWN 18 FT.		TOTAL HR. RUN 6															
	TOTAL 10039 FT.		COND. OF BIT R															
	WT. OF STRING 220,000 LBS.		REAMER NO.															
	REMARKS		REAMER TYPE															

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
2400 02:00	2	Fixed P.O.A.H. check Pit Volume
02:00 06:00	4	Run w/ Bit + Junk. Sub. circ 5 min BTMA of CSG
06:00 12:00	6	Drilling 8 1/2" hole.

TIME SUMMARY (OFFICE USE ONLY)		
DAY WORK	NIGHT	DAY
12		12
HRS. W/DP		
HRS. WO/DP		
HRS. STANDBY		
TOTAL DAY WORK		
WIRE LINE RECORD		
REEL NO.		
NO. OF LINES	10	SIZE 1 3/4
FEET SLIPPED	0	
FEET CUT OFF	0	
PRESENT LENGTH	7330	
TON MI. OR TRIPS SINCE LAST CUT	1033	
CUMULATIVE TON MI. OR TRIPS	7736	
NO. OF DAYS FROM SPUD	35	
CUMULATIVE ROTATING HRS.		

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD			FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 2		PUMP NO.	METHOD RUN
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC							W.L.-C.C.	FLTR. CK.		
102	SINGLES D.P. 9047.39 FT. D.C.	14	8 1/2	2:00	4:00	6:00	10029	10086	0		SHALE + SAND	90	500	3000	6 3/4	41		
30	I.D. O.D. 927.76 FT. D.C.		SEC	56	54	49												
12	STB. BODY O.D. 71.30 FT. D.C.		NO. 1 2 SIZE 10 11															
1	RMR. BODY O.D. 4.80 FT. SUBS		SER. NO. 945846 34656															
2	I.D. O.D. 6.00 FT.		DEPTH OUT 10086															
1	BIT OR C.B. 1.00 FT.		DEPTH IN 9942 10086															
1	B.S. 15.75 FT.		TOTAL FTG. 144															
	KELLY DOWN 10.00 FT.		TOTAL HR. RUN 8															
	TOTAL 10086.00 FT.		COND. OF BIT TAOR GI															
	WT. OF STRING 236,000 LBS.		REAMER NO.															
	REMARKS		REAMER TYPE															

TIME LOG	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
1200 1330	1 1/2	DRILL
1330 1500	1 1/2	CIRC SAMPLES
1500 1530	1/2	DRILL
1530 1800	2 1/2	CIRC SAMPLES
1800 2200	4	P.O.A.H. check Pit Volume
2200 2330	1 1/2	Pick up CORE BBL. MAKE UP SAME
2330 2400	1/2	RUN IN CORE BBL. MAKE UP B.H.A. FOR CORING

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A.A.O.D.C.--A.P.I. OFFICIAL DAILY DRILLING REPORT FORM

106 19 36 20 7/17

DAILY DRILLING REPORT

REPORT NO. 35

DATE Nov. 10

OPERATOR PHILLIPS PATE Co.		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT SHELF	COUNTY NORTH SEA	STATE NORWAY	
CONTRACTOR		RIG NO.	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 1/2 O.D.	PUMPS			REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>E.O. Seaborn</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. Burckley</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. J. Plamond</i>				

TIME DISTRIBUTION-HOURS		
	NIGHT	DAY
RIG UP & TEAR DOWN		
DRILLING ACTUAL	4	
REAMING		
CONDITIONING MUD & CIRCULATING		
TRIPS	7 1/2	
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE	1	
REPAIR RIG		
CORING		
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS	12	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD 3		MUD RECORD			FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO.	METHOD RUN		
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM										TO	
99	STANDS D.P.	8686.83 FT.	BIT NO.	8 1/2	8:30	9:45	11 1/2		9633	9743	D.	SHALE	115	25	3000	6 3/4	41	6 3/4	41	396
	SINGLES D.P.		SIZE	SEC			62	60												
	D.C.		MFG.	S-6-J																
30	STANDS D.P.	929.76 FT.	NOZZLE NO.	1 2																
	D.C.		NOZZLE SIZE	1 1/2																
12	STB. BODY O.D.	71.30 FT.	SER. NO.	945259																
	STB. BODY O.D.		DEPTH OUT																	
	RMR. BODY O.D.		DEPTH IN	9633																
	SUBS O.D.	6.00 FT.	TOTAL FTG.	110																
1	BIT OR C.B.	1.00 FT.	TOTAL HR. RUN	4																
	B.S.	15.75	COND. OF BIT	T-4-B-3-I																
	KELLY DOWN	33 FT.	REAMER NO.																	
	TOTAL	9743.64 FT.	REAMER TYPE																	
	WT. OF STRING	222.000 LBS.																		

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION									
2400	0350	3 1/2																		
0330	0530	2																		
0530	0630	1																		
0630	0800	1 1/2																		
0800	1200	4																		

WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	10 SIZE 1 3/4
FEET SLIPPED	90'
FEET CUT OFF	90'
PRESENT LENGTH	7930
TON MI. OR TRIPS SINCE LAST CUT	403
CUMULATIVE TON MI. OR TRIPS	7106
NO. OF DAYS FROM SPUD	34
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO.	METHOD RUN		
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM										TO	
100	STANDS D.P.	8965.19 FT.	BIT NO.	13	14:00	18:00			9743	9942	D	SHALE	115	42	3000	6 3/4	42		56L	
	SINGLES D.P.		SIZE	8 1/2																
	D.C.		MFG.	SEC																
30	STANDS D.P.	929.76 FT.	NOZZLE NO.	1 2																
	D.C.		NOZZLE SIZE	1 1/2																
12	STB. BODY O.D.	71.30 FT.	SER. NO.	945259																
	STB. BODY O.D.		DEPTH OUT	9942																
	RMR. BODY O.D.		DEPTH IN	9633																
	SUBS O.D.	6.00 FT.	TOTAL FTG.	309																
1	BIT OR C.B.	1.00 FT.	TOTAL HR. RUN	11 1/2																
	B.S.	15.75	COND. OF BIT	T-4-B-3-I																
	KELLY DOWN	53.00 FT.	REAMER NO.																	
	TOTAL	9942.00 FT.	REAMER TYPE																	
	WT. OF STRING	226.000 LBS.																		

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION									
1800	1230	1/2																		
1230	1300	1/2																		
1300	20:00	7																		
20:00	21:30	1 1/2																		
21:30	24:00	2 1/2																		

OPERATOR PHILLIPS PETE CO LEASE C.O.D. PROSPECT 7-11 WELL NO. 3X FIELD OR DIST. NORWEGIAN COAST SHELF COUNTY NORTH SEA STATE Norway

TIME DISTRIBUTION-HOURS table with columns for NIGHT and DAY, listing activities like RIG UP & TEAR DOWN, DRILLING ACTUAL, REAMING, etc.

DRILLING ASSEMBLY AT END OF TOUR table with columns for NO., STANDS D.P., FT., BIT RECORD, MUD RECORD, FOOTAGE, etc.

FORMATION (SHOW CORE RECOVERY) table with columns for ROTARY RPM, WT. ON BIT, PUMP PRESS, PUMP NO., etc.

WIRE LINE RECORD table with columns for REEL NO., NO. OF LINES, FEET SLIPPED, FEET CUT OFF, etc.

DRILLING ASSEMBLY AT END OF TOUR table (continued) with columns for NO., STANDS D.P., FT., BIT RECORD, MUD RECORD, FOOTAGE, etc.

FORMATION (SHOW CORE RECOVERY) table (continued) with columns for ROTARY RPM, WT. ON BIT, PUMP PRESS, PUMP NO., etc.

DAILY DRILLING REPORT

REPORT NO. 30

DATE 7-11-68

OPERATOR: *Phillips PETE CO* LEASE: *COD PROSPECT 7-11* WELL NO.: *3-X* FIELD OR DIST.: *NORWEGIAN CONT* COUNTY: STATE:

CONTRACTOR: *ODECO-NORWAY INC* RIG NO.: *10* DRILL PIPE STRING: *1 5* TOOL JOINT: *6'4" O.D.* PUMPS: NO. MANUFACTURER TYPE STROKE LENGTH LAST CASING TUBING OR LINER

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER
1	<i>JAT</i>	<i>N.1300</i>	<i>16</i>	<i>30</i>
2	<i>JAT</i>	<i>N.1300</i>	<i>16</i>	<i>15 5/8</i>
3	<i>G.D.</i>	<i>EX.9</i>	<i>16</i>	<i>9 5/8</i>

SIZE MAKE WT. & GR. NO. JOINTS FEET RKB TO CSG. HD. SET AT REMARKS

<i>30</i>	<i>J.55</i>	<i>133</i>	<i>6</i>	<i>227</i>	<i>336</i>	<i>563</i>	
<i>15 5/8</i>	<i>J.55</i>	<i>68</i>	<i>31</i>	<i>1293</i>	<i>337</i>	<i>1627</i>	
<i>9 5/8</i>	<i>N.50</i>	<i>43.5</i>	<i>156</i>	<i>6193</i>	<i>332</i>	<i>6471</i>	

TIME DISTRIBUTION-HOURS		NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D. R.M.-R. CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO.		METHOD RUN SGL-PARCEL-P-COMD-C
NIGHT	DAY			STANDS D.P.	FT.	BIT NO.	TIME	WEIGHT	FROM							TO	LINEAR SIZE	S.P.M.	LINEAR SIZE	
		76	STANDS D.P. 6788.23 FT.	BIT NO. 10	TIME 11:30 12:30	WEIGHT 14.5 14.5	7755	7803-												
			SINGLES D.P. FT.	SIZE 8 1/2		VISC.-SEC 68 68														
			D.C.	MFG. HTC		W.L.-C.C.														
		30	D.S. 929.76 FT.	NOZZLE NO. 3		FLTR. CK.														
			D.C.	SIZE 1 1/16		PH														
		1	B.S. 15.25 FT.	SER. NO. UK 54759		SD. CONT. %														
			O.D.	DEPTH OUT 7803																
		12	STB. BODY O.D. 71.30 FT.	DEPTH IN 7540																
			RMR. BODY O.D. FT.	TOTAL FTG. 263																
			STB. BODY O.D. FT.	TOTAL HR. RUN 8 1/2																
			RMR. BODY O.D. FT.	COND. OF BIT 77.87-1																
			STB. BODY O.D. FT.	REAMER NO.																
			RMR. BODY O.D. FT.	REAMER TYPE																
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
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			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
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			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
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			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
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			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	
			STB. BODY O.D. FT.																	
			RMR. BODY O.D. FT.																	

DAILY DRILLING REPORT

REPORT NO. 27

DATE 10-11-68

OPERATOR: PHILLIPS PET CO
 LEASE: COD PROSPECT 7-11
 CONTRACTOR: ODECO NORWAY INC
 RIG NO.: 10
 DRILL PIPE STRING: 7 5" TYPE THD 5" X H
 TOOL JOINT: 6 3/4" O.D.
 WELL NO.: 3 X
 FIELD OR DIST.: NORWEGIAN CONT SHELF
 COUNTY: NORTH SEA
 STATE: NORWAY

NO.	MANUFACTURER	TYPE	STROKE LENGTH	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
1.	NATIONAL	N-1300		20"	L-55	133	6	227	336	563	
2.	"	"		13 3/8"	"	68	31	1293	334	1627	
3.	G.D.			9 3/4"	N-80	43.5	156	6139	332	6471	

SIGNATURE OF OPERATOR'S REPRESENTATIVE: *W.E. Wick*
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: *Robert McWay*

TIME DISTRIBUTION-HOURS		NIGHT	DAY
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING	5		
TRIPS	2 1/2		
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	12	4 1/2	
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	12	12	

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
		STANDS D.P.	FT.	SIZE	NO.	TIME	AMT.							FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
73	STANDS D.P. 6472.61 FT.					7540	7540							6 3/4"	6 3/4"			
30	STANDS D.P. 929.76 FT.																	
12	STB. BODY 71.30 FT.																	
1	BIT 3.00 FT.																	
1	BIT OR C.B. 1.00 FT.																	
1	BUMPER SUB 15.75 FT.																	
1	KELLY DOWN 43.60 FT.																	
	TOTAL 7540.08 FT.																	
	WT. OF STRING 195,000 LBS.																	
REMARKS																		
DRILLER <i>Dein Randt</i>																		

WIRE LINE RECORD	
REEL NO.	3/4206
NO. OF LINES	10 SIZE 1 3/4
FEET SLIPPED	
FEET CUT OFF	180
PRESENT LENGTH	7320
TON MI. OR TRIPS SINCE LAST CUT	983
CUMULATIVE TON MI. OR TRIPS	5652
NO. OF DAYS FROM SPUD	26
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN
		STANDS D.P.	FT.	SIZE	NO.	TIME	AMT.							FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS	
73	STANDS D.P. 6472.61 FT.			10		2200								6 3/4"	6 3/4"			S
30	STANDS D.P. 929.76 FT.			8 1/2	H.T.C.	129												
12	STB. BODY 71.30 FT.			X3A		52												
1	BIT 3.00 FT.			3														
1	BIT OR C.B. 1.00 FT.			1/2														
1	BUMPER SUB 15.75 FT.			UK54759														
1	KELLY DOWN 43.60 FT.																	
	TOTAL 7540.08 FT.																	
	WT. OF STRING 195,000 LBS.																	
REMARKS																		
DRILLER <i>W.P. Robinson</i>																		

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO		
2400	1200	12	W.D.W.
1200	1630	4 1/2	Run in stinger, lower divers, stab stinger through parted mud riser stab mud riser and repair, pull out break and lay down tools
1630	1900	2 1/2	Make up bit run in to top of B.O.P. Displace sea water w/ mud, run to bot of casing
1900	2400	5	Circ condition mud

DAILY DRILLING REPORT

REPORT NO. 25 DATE 8-11-68

OPERATOR PHILLIPS PET CO.		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT	COUNTY HELF	STATE NORTH SEA	STATE NORWAY
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5" TYPE THD. 5 X 1/4	TOOL JOINT 6 3/8" O.D.	PUMPS		LAST CASING TUBING OR LINER	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>A. E. Wick</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. D. ...</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	REMARKS
				1.	NATIONAL	N-1300	16"	20" d-55-133 6 227 336 563
				2.	"	N-1300	16"	13 1/2" d-55-68 31 1293 334 1627
				3.	G. D.	FXQ	16"	9 1/2" N-80 43.5 156 6139 332 6471

TIME DISTRIBUTION-HOURS		NIGHT	DAY
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING	8		
CONDITIONING MUD & CIRCULATING			
TRIPS	4		
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	12		

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S. PAR. EL. P. COM'D-C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM							TO	LINER SIZE	S.P.M.	LINER SIZE	
73	6472.67	FT.	9	8 1/2"	2:00	4100	800	7540	7540							3000	6 3/4"	46	674	S
	D.C.		MFG.																	
	D.C.		NOZZLE NO.																	
303	929.76	FT.	HTC	HTC																
	D.C.		NOZZLE SIZE																	
1	15.75	FT.	HTC	HTC																
	I.D. O.D.		NOZZLE SIZE																	
12	71.30	FT.	HTC	HTC																
	STB. BODY O.D.		NOZZLE SIZE																	
1	3.00	FT.	HTC	HTC																
	STB. BODY O.D.		NOZZLE SIZE																	
1	1.00	FT.	HTC	HTC																
	BIT OR C.B.		NOZZLE SIZE																	
1	3.00	FT.	HTC	HTC																
	KELLY DOWN		NOZZLE SIZE																	
1	144.00	FT.	HTC	HTC																
	TOTAL		NOZZLE SIZE																	
	7540.08	FT.	NOZZLE SIZE																	
	WT. OF STRING		NOZZLE SIZE																	
	195,000	LBS.	NOZZLE SIZE																	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD			FOOTAGE		DR...D RM..R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		PUMP NO.		METHOD RUN SGL. S. PAR. EL. P. COM'D-C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	VISC.-SEC	W.L.-C.C.	FROM							TO	LINER SIZE	S.P.M.	LINER SIZE	
73	6472.67	FT.	9	8 1/2"				7540	7540											
	D.C.		MFG.																	
	D.C.		NOZZLE NO.																	
303	929.76	FT.	HTC	HTC																
	D.C.		NOZZLE SIZE																	
12	71.30	FT.	HTC	HTC																
	STB. BODY O.D.		NOZZLE SIZE																	
1	3.00	FT.	HTC	HTC																
	STB. BODY O.D.		NOZZLE SIZE																	
1	1.00	FT.	HTC	HTC																
	BIT OR C.B.		NOZZLE SIZE																	
1	15.75	FT.	HTC	HTC																
	KELLY DOWN		NOZZLE SIZE																	
1	43.60	FT.	HTC	HTC																
	TOTAL		NOZZLE SIZE																	
	7540.08	FT.	NOZZLE SIZE																	
	WT. OF STRING		NOZZLE SIZE																	
	195,000	LBS.	NOZZLE SIZE																	

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	10
SIZE	1 3/8
FEET SLIPPED	
FEET CUT OFF	180
PRESENT LENGTH	7330
TON MI. OR TRIPS SINCE LAST CUT	863
CUMULATIVE TON MI. OR TRIPS	5532
NO. OF DAYS FROM SPUD	24
CUMULATIVE ROTATING HRS.	

DRILLER *Vern ...*

DRILLER *W.C. Robinson*



DAILY DRILLING REPORT

REPORT NO. 24

DATE 7-11-68

OPERATOR PHILLIPS PET. CO		LEASE COO. PROSPECT 7-11		WELL NO. 5X	FIELD OR DIST. NORWEGIAN CONT 5 ELF	COUNTY NORTH SEA	STATE NORWAY						
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5" TYPE THD. 5XH	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>A. Elwick</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. Buckley Robert E. McVey</i>		1. NATIONAL N-1200 16	2. " N-1200 16	3. G.I. FXQ 16	20" J-33 133 6 227 334 563	13 1/2" J-55 68 31 1293 334 1627	9 1/2" N-80 43.5 156 6139 332 6471				

TIME DISTRIBUTION-HOURS		NIGHT	DAY
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING	11		
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER			
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	12		
TIME SUMMARY (OFFICE USE ONLY)			
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES	10	SIZE	1 3/4
FEET SLIPPED			
FEET CUT OFF	1 80		
PRESENT LENGTH	7320		
TON MI. OR TRIPS SINCE LAST CUT	719		
CUMULATIVE TON MI. OR TRIPS	5388		
NO. OF DAYS FROM SPUD	23		
CUMULATIVE ROTATING HRS.			

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD 1		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT									
73	STANDS D.P. 6472.67 FT.	BIT NO. 9	8 1/2	TIME 2:00 5:00	WEIGHT 12.2 12.3	7540										
	SINGLES D.P. FT.	SIZE 8 1/2	MFG. H.T.C.	VISC.-SEC 63 62												
	D.C.	NO. 3	TYPE O.W.V.J.	W.L.-C.C.												
	I.D. O.D. FT.	NOZZLE NO. 3	FLTR. CK.													
	D.C.	SIZE 1/32	PH													
	30 3" I.D. 6 5/8" O.D. 929.76 FT.	SER. NO. UK 64099	SD. CONT. %													
	STB. BODY O.D. 71.30 FT.	DEPTH OUT														
	STB. BODY O.D. 3.00 FT.	DEPTH IN 7540														
	RMP SUBS 6" O.D. 15.75 FT.	TOTAL FTG.														
	1 BIT ON SUB 3.00 FT.	TOTAL HR. RUN														
	1 BIT ON SUB 15.75 FT.	COND. OF BIT														
	1 BIT ON SUB 3.00 FT.	REAMER NO.														
	1 BIT ON SUB 3.00 FT.	REAMER TYPE														
	WT. OF STRING 195,000 LBS.															
REMARKS																
BUMPER SUB #3																
DRILLER <i>Tom Arnold</i>																

NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL-S PAR'EL-P COM'D-C
		STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT									
73	STANDS D.P. 6472.67 FT.	BIT NO. 9	8 1/2	TIME 13:00 18:00 23:00	WEIGHT 12.4 12.7 13.0	7540										
	SINGLES D.P. FT.	SIZE 8 1/2	MFG. H.T.C.	VISC.-SEC 68 60 53												
	D.C.	NO. 3	TYPE O.W.V.J.	W.L.-C.C.												
	I.D. O.D. FT.	NOZZLE NO. 3	FLTR. CK.													
	D.C.	SIZE 1/32	PH													
	30 3" I.D. 6 5/8" O.D. 929.76 FT.	SER. NO. UK 64099	SD. CONT. %													
	STB. BODY O.D. 71.30 FT.	DEPTH OUT														
	STB. BODY O.D. 3.00 FT.	DEPTH IN 7540														
	RMP SUBS 6" O.D. 15.75 FT.	TOTAL FTG.														
	1 BIT ON SUB 3.00 FT.	TOTAL HR. RUN														
	1 BIT ON SUB 15.75 FT.	COND. OF BIT														
	1 BIT ON SUB 3.00 FT.	REAMER NO.														
	1 BIT ON SUB 3.00 FT.	REAMER TYPE														
	WT. OF STRING 195,000 LBS.															
REMARKS																
Pump out 9 JTS DRILL PIPE																
CONDITION MUD																
DRILLER <i>Wayne Robinson</i>																

TIME LOG		ELAPSED TIME		DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS											
FROM	TO	FROM	TO												
11:00	11:00	11		CLEANING OUT, REAMING & WASHING FROM 6950 TO 7452'											
11:00	12:00	1		FELL IN LAY DOWN 5 JTS											

DAILY DRILLING REPORT

REPORT NO. 18

DATE 11-1-68

OPERATOR: *Phillips PETE. CO* LEASE: *C.O.D. PROSPECT* 7-11-3-X

WELL NO. *3-X* FIELD OR DIST. *NORWEGIAN CONT SHELD* COUNTY *NORTH SEA* STATE *NORWAY*

CONTRACTOR: *ODECO* RIG NO. *10* DRILL PIPE STRING NO. *1* SIZE *5* TOOL JOINT *6'4"* O.D. *TYPE THD. X. 4*

SIGNATURE OF OPERATOR'S REPRESENTATIVE: *E.O. [Signature]* SIGNATURE OF CONTRACTOR'S TOOL PUSHER: *R.J. [Signature]*

NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
					<i>2.0</i>	<i>J.55</i>	<i>133</i>	<i>6</i>	<i>227</i>	<i>336</i>	<i>512</i>	
1.	<i>NAT</i>	<i>N.1300</i>	<i>16</i>		<i>4.3 3/4</i>	<i>J.55</i>	<i>68</i>	<i>31</i>	<i>1293</i>	<i>334</i>	<i>1627</i>	
2.	<i>NAT</i>	<i>N.1300</i>	<i>16</i>									
3.	<i>J.X.9</i>	<i>J.X.9</i>	<i>16</i>									

TIME DISTRIBUTION HOURS	NIGHT	DAY	NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D R.M. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		METHOD RUN	
					STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT			FROM	TO	DEPTH				DEV.	DIRECTION		DEPTH
RIG UP & TEAR DOWN		<i>11</i>	<i>65</i>	<i>STANDS D.P. 5.767.32 FT.</i>	<i>5</i>	<i>12'4"</i>			<i>6540 = T.D.</i>									<i>1600</i>	<i>6 3/4</i>	<i>65</i>	<i>6 3/4</i>	<i>Sq.</i>
DRILLING ACTUAL			<i>21</i>	<i>3 I.D. 80.D. 652.22 FT.</i>	<i>SEC</i>	<i>S35</i>																
REAMING			<i>1</i>	<i>B.S. I.D. O.D. 15.80 FT.</i>	<i>NO. 3</i>	<i>1 1/16</i>																
CONDITIONING MUD & CIRCULATING	<i>2 1/2</i>		<i>8</i>	<i>STB. BODY O.D. 52.88 FT.</i>	<i>SER. NO. 103148</i>																	
TRIPS	<i>6 1/2</i>	<i>1/2</i>	<i>2</i>	<i>RMR. BODY O.D. FT.</i>	<i>DEPTH OUT 6540</i>																	
LUBRICATE RIG			<i>1</i>	<i>STB. BODY O.D. FT.</i>	<i>DEPTH IN 5972</i>																	
DEVIATION SURVEY			<i>1</i>	<i>BIT OR C.B. 1.00 FT.</i>	<i>TOTAL FTG. 568</i>																	
TEST B.O.P.				<i>KELLY DOWN 45.00 FT.</i>	<i>TOTAL HR. RUN 8</i>																	
CUT OFF DRILLING LINE				<i>TOTAL 6540.22 FT.</i>	<i>COND. OF BIT T.1.3-16.1</i>																	
REPAIR RIG				<i>WT. OF STRING 198.000 LBS.</i>	<i>REAMER NO.</i>																	
CORING				<i>REMARKS Bumper sub. #3. 8'4" Hris.</i>	<i>REAMER TYPE</i>																	
WIRE LINE LOGGING	<i>1 1/2</i>																					
RUNNING CASING & CEMENTING		<i>10</i>																				
WAITING ON CEMENT																						
DRILL STEM TEST																						
OTHER	<i>1 1/2</i>	<i>1/2</i>																				
FISHING																						
COMPLETION WORK																						
A. PERFORATING																						
B. TUBING TRIPS																						
C. SWABBING																						
D. TESTING																						
E. ADDITIONAL																						
TOTALS	<i>12</i>	<i>12</i>																				

TIME DISTRIBUTION HOURS	NIGHT	DAY	NO.	DRILLING ASSEMBLY AT END OF TOUR	BIT RECORD		MUD RECORD		FOOTAGE		DR. D R.M. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO.		METHOD RUN
					STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT			FROM	TO	DEPTH				DEV.	DIRECTION	
DRILLING ACTUAL				<i>STANDS D.P. FT.</i>	<i>BIT NO.</i>	<i>SIZE</i>	<i>TIME</i>	<i>WEIGHT</i>	<i>6540 = T.D.</i>												
REAMING				<i>I.D. O.D. FT.</i>	<i>MFG.</i>	<i>TYPE</i>	<i>W.L.-C.C.</i>	<i>VISC.-SEC</i>													
CONDITIONING MUD & CIRCULATING				<i>D.C. FT.</i>	<i>NO. NO.</i>	<i>SIZE</i>	<i>FLTR. CK.</i>	<i>PH</i>													
TRIPS				<i>STB. BODY O.D. FT.</i>	<i>SER. NO.</i>		<i>SD. CONT. %</i>														
LUBRICATE RIG				<i>STB. BODY O.D. FT.</i>	<i>DEPTH OUT</i>																
DEVIATION SURVEY				<i>RMR. BODY O.D. FT.</i>	<i>DEPTH IN</i>																
TEST B.O.P.				<i>STB. BODY O.D. FT.</i>	<i>TOTAL FTG.</i>																
CUT OFF DRILLING LINE				<i>BIT OR C.B. FT.</i>	<i>TOTAL HR. RUN</i>																
REPAIR RIG				<i>KELLY DOWN FT.</i>	<i>COND. OF BIT</i>																
CORING				<i>TOTAL 6540.22 FT.</i>	<i>REAMER NO.</i>																
WIRE LINE LOGGING				<i>WT. OF STRING LBS.</i>	<i>REAMER TYPE</i>																
RUNNING CASING & CEMENTING				<i>REMARKS</i>																	
WAITING ON CEMENT																					
DRILL STEM TEST																					
OTHER																					
FISHING																					
COMPLETION WORK																					
A. PERFORATING																					
B. TUBING TRIPS																					
C. SWABBING																					
D. TESTING																					
E. ADDITIONAL																					
TOTALS																					

DAILY DRILLING REPORT

REPORT NO. 14 DATE 10-28-68

OPERATOR PHILLIPS PET CO		LEASE COD PROSPECT 7-11		WELL NO. 5 X FIELD OR DIST. NORWEGIAN CONT SHELF COUNTY NORTH SEA STATE NORWAY	
CONTRACTOR ODECO NORWAY INC		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5" TYPE THD. 5XH	PUMPS	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>A. Wick</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>McVay</i>		LAST CASING TUBING OR LINER	
				SIZE	MAKE
				WT. & GR.	NO. JOINTS
				FEET	RKB. TO CSG. HD.
				SET AT	REMARKS
				20'	J-55 133# 5 227 336 363
				13 1/2'	J-55 68# 31 1293 334 1627

TIME DISTRIBUTION-HOURS		
	NIGHT	DAY
RIG UP & TEAR DOWN		
DRILLING ACTUAL		
REAMING	4	
CONDITIONING MUD & CIRCULATING	4 1/2	
TRIPS	3 1/2	
LUBRICATE RIG		
DEVIATION SURVEY		
TEST B.O.P.		
CUT OFF DRILLING LINE		
REPAIR RIG		
CORING		
WIRE LINE LOGGING		
RUNNING CASING & CEMENTING		
WAITING ON CEMENT		
DRILL STEM TEST		
OTHER		
FISHING		
COMPLETION WORK		
A. PERFORATING		
B. TUBING TRIPS		
C. SWABBING		
D. TESTING		
E. ADDITIONAL		
TOTALS		12

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-T PAR-EL-C COM'D-C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO			DEPTH	DEV.	DIRECTION				DEPTH	DEV.	DIRECTION	DEPTH	
18	5143.65	FT.	4	12 1/4			5972														
1	4390	FT.	SEC	53d																	
			NO. 3	46																	
21	652.22	FT.	103147																		
8	52.88	FT.																			
2	6.00	FT.																			
1	1.00	FT.																			
1	15.80	FT.																			
	57.00	FT.																			
	5972.45	FT.																			
	180.000	LBS.																			
REMARKS BUMPER SUB #2 - 32 DRLG HRS.																					
DRILLER V. Amott																					

WIRE LINE RECORD	
REEL NO.	3/4206
NO. OF LINES	10 SIZE 1 3/8
FEET SLIPPED	
FEET CUT OFF	90
PRESENT LENGTH	7410
TON MI. OR TRIPS SINCE LAST CUT	1664
CUMULATIVE TON MI. OR TRIPS	3500
NO. OF DAYS FROM SPUD	13
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1		PUMP NO. 2		METHOD RUN SGL-T PAR-EL-C COM'D-C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO			DEPTH	DEV.	DIRECTION				DEPTH	DEV.	DIRECTION	DEPTH	
43	3798.62	FT.	5	12 1/4			3832	4541	709												
21	652.22	FT.	SEC	535																	
1	15.80	FT.	NO. 3	1 1/6																	
8	52.88	FT.	103148																		
2	6.00	FT.																			
1	1.00	FT.																			
	4541.52	FT.																			
	164.000	LBS.																			
REMARKS P.O.H. 1200 1245 44 1245 1500 2 1/4 Dress out bit No. 5. R.I.H to 3,698' 1500 1600 1 CIRC & condition hole @ 3,698' 1600 1630 1/2 R.I.H to 4100' Attempted to circ. "No Returns, Pulled up to 3,832' 1630 2000 3 1/2 CIRC, condition mud & hole @ 3,832. Work drill pipe 2000 2400 4 WASHING & Reaming from 3,832-4,541'																					
DRILLER Jay Blackorby																					



DAILY DRILLING REPORT

REPORT NO. 11

DATE 25 Oct 68

OPERATOR PHILLIPS PET CO.		LEASE COD. PROSPECT 7-11		WELL NO. 3X	FIELD OR DIST. NORWEGIAN CONT. SHELF	COUNTY NORTH SEA	STATE NORWAY	
CONTRACTOR ODECO NORWAY INC.		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5" TYPE THD. 5"XH	TOOL JOINT 6 3/4" O.D.	PUMPS			REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>W. Wick</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>McWay</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	
				1.	NATIONAL	N-1300	16"	
				2.	"	N-1300	16"	
				3.	G-D	FXQ	16"	
SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT		
20	J-95	133"	5		336	563		
13 3/4	J-55	68"	31		334	1627		

TIME DISTRIBUTION-HOURS		NIGHT		DAY		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO.		METHOD RUN		
RIG UP & TEAR DOWN						STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO	DR. D RM. R CORE. C	CORE NO.			WT. ON BIT 1000 #	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOLE'S PARTS-P COM'D-C
DRILLING ACTUAL						SINGLES D.P.	FT.	SIZE		WEIGHT														
REAMING						D.C.		MFG.		VISC.-SEC														
CONDITIONING MUD & CIRCULATING						I.D. O.D.	FT.	TYPE		W.L.-C.C.														
TRIPS						D.C.		NOZZLE NO. SIZE		FLTR. CK.														
LUBRICATE RIG						I.D. O.D.	FT.	NOZZLE SIZE		PH														
DEVIATION SURVEY						STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %														
TEST B.O.P.						STB. BODY O.D.	FT.	DEPTH OUT																
CUT OFF DRILLING LINE						RMR. BODY O.D.	FT.	DEPTH IN																
REPAIR RIG						SUBS O.D.	FT.	TOTAL FTG.																
CORING						BIT OR C.B.	FT.	TOTAL HR. RUN																
WIRE LINE LOGGING						KELLY DOWN	FT.	COND. OF BIT																
RUNNING CASING & CEMENTING						TOTAL	FT.	REAMER NO.																
WAITING ON CEMENT						WT. OF STRING	LBS.	REAMER TYPE																
DRILL STEM TEST						REMARKS																		
OTHER																								
FISHING																								
COMPLETION WORK																								
A. PERFORATING																								
B. TUBING TRIPS																								
C. SWABBING																								
D. TESTING																								
E. ADDITIONAL																								
TOTALS																								
TIME SUMMARY (OFFICE USE ONLY)																								
DAY WORK																								
HRS. W/DP																								
HRS. WO/DP																								
HRS. STANDBY																								
TOTAL DAY WORK																								
WIRE LINE RECORD																								
REEL NO.																								
NO. OF LINES																								
FEET SLIPPED																								
FEET CUT OFF																								
PRESENT LENGTH																								
TON MI. OR TRIPS SINCE LAST CUT																								
CUMULATIVE TON MI. OR TRIPS																								
NO. OF DAYS FROM SPUD																								
CUMULATIVE ROTATING HRS.																								

TIME DISTRIBUTION-HOURS		NIGHT		DAY		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		FORMATION (SHOW CORE RECOVERY)		ROTARY		PUMP		PUMP NO.		METHOD RUN		
DRILLING ACTUAL						STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO	DR. D RM. R CORE. C	CORE NO.			WT. ON BIT 1000 #	PUMP PRESS	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	SOLE'S PARTS-P COM'D-C
REAMING						SINGLES D.P.	FT.	SIZE		WEIGHT														
CONDITIONING MUD & CIRCULATING						D.C.		MFG.		VISC.-SEC														
TRIPS						I.D. O.D.	FT.	TYPE		W.L.-C.C.														
LUBRICATE RIG						D.C.		NOZZLE NO. SIZE		FLTR. CK.														
DEVIATION SURVEY						I.D. O.D.	FT.	SER. NO.		SD. CONT. %														
TEST B.O.P.						STB. BODY O.D.	FT.	DEPTH OUT																
CUT OFF DRILLING LINE						RMR. BODY O.D.	FT.	DEPTH IN																
REPAIR RIG						SUBS O.D.	FT.	TOTAL FTG.																
CORING						BIT OR C.B.	FT.	TOTAL HR. RUN																
WIRE LINE LOGGING						KELLY DOWN	FT.	COND. OF BIT																
RUNNING CASING & CEMENTING						TOTAL	FT.	REAMER NO.																
WAITING ON CEMENT						WT. OF STRING	LBS.	REAMER TYPE																
DRILL STEM TEST						REMARKS																		
OTHER																								
FISHING																								
COMPLETION WORK																								
A. PERFORATING																								
B. TUBING TRIPS																								
C. SWABBING																								
D. TESTING																								
E. ADDITIONAL																								
TOTALS																								
TIME SUMMARY (OFFICE USE ONLY)																								
DAY WORK																								
HRS. W/DP																								
HRS. WO/DP																								
HRS. STANDBY																								
TOTAL DAY WORK																								
WIRE LINE RECORD																								
REEL NO.																								
NO. OF LINES																								
FEET SLIPPED																								
FEET CUT OFF																								
PRESENT LENGTH																								
TON MI. OR TRIPS SINCE LAST CUT																								
CUMULATIVE TON MI. OR TRIPS																								
NO. OF DAYS FROM SPUD																								
CUMULATIVE ROTATING HRS.																								



APPROVED



APPROVED

DAILY DRILLING REPORT

REPORT NO. 8

DATE 22-10-68

OPERATOR Phillips PETE Co		LEASE Cod Prospect 7-11		WELL NO. 8-X	FIELD OR DIST. Norwegian cont shale	COUNTY NORTH SEA	STATE Norway
CONTRACTOR ODECO		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5 TYPE THD. X 1/2	TOOL JOINT 6 1/4 O.D.	PUMPS		REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE E.O. Lahan		SIGNATURE OF CONTRACTOR'S TOOL PUSHER R.J. Clamond		NO.	MANUFACTURER	TYPE	STROKE LENGTH
				1.	NAT.	N. 7300	16
				2.	NAT.	N. 1300	16
				3.	G.D.	4 X 9	16
SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	
20	J-55	193	6	227	336	563	
13 3/4	J-55	68 #	31	-	334	1627	
						1627	

TIME DISTRIBUTION-HOURS	NIGHT	DAY	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PART-L-P COM'D-C
			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO			DEPTH	DEV.	DIRECTION				DEPTH	DEV.		
RIG UP & TEAR DOWN																						
DRILLING ACTUAL																						
REAMING																						
CONDITIONING MUD & CIRCULATING																						
TRIPS																						
LUBRICATE RIG																						
DEVIATION SURVEY																						
TEST B.O.P.																						
CUT OFF DRILLING LINE																						
REPAIR RIG																						
CORING																						
WIRE LINE LOGGING																						
RUNNING CASING & CEMENTING																						
WAITING ON CEMENT																						
DRILL STEM TEST																						
OTHER																						
FISHING																						
COMPLETION WORK																						
A. PERFORATING																						
B. TUBING TRIPS																						
C. SWABBING																						
D. TESTING																						
E. ADDITIONAL																						
TOTALS																						
TIME SUMMARY (OFFICE USE ONLY)																						
DAY WORK																						
HRS. W/DP																						
HRS. WO/DP																						
HRS. STANDBY																						
WIRE LINE RECORD																						
REEL NO.																						
NO. OF LINES	10	SIZE	1 3/4																			
FEET SLIPPED																						
FEET CUT OFF	90																					
PRESENT LENGTH	2410																					
TON MI. OR TRIPS SINCE LAST CUT	1438																					
CUMULATIVE TON MI. OR TRIPS	3500																					
NO. OF DAYS FROM SPUD	6																					
CUMULATIVE ROTATING HRS.																						

DRILLER **H. Espinoza**

TIME DISTRIBUTION-HOURS	NIGHT	DAY	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN SGL-S PART-L-P COM'D-C
			STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO			DEPTH	DEV.	DIRECTION				DEPTH	DEV.		
RIG UP & TEAR DOWN																						
DRILLING ACTUAL																						
REAMING																						
CONDITIONING MUD & CIRCULATING																						
TRIPS																						
LUBRICATE RIG																						
DEVIATION SURVEY																						
TEST B.O.P.																						
CUT OFF DRILLING LINE																						
REPAIR RIG																						
CORING																						
WIRE LINE LOGGING																						
RUNNING CASING & CEMENTING																						
WAITING ON CEMENT																						
DRILL STEM TEST																						
OTHER																						
FISHING																						
COMPLETION WORK																						
A. PERFORATING																						
B. TUBING TRIPS																						
C. SWABBING																						
D. TESTING																						
E. ADDITIONAL																						
TOTALS																						
TIME SUMMARY (OFFICE USE ONLY)																						
DAY WORK																						
HRS. W/DP																						
HRS. WO/DP																						
HRS. STANDBY																						
WIRE LINE RECORD																						
REEL NO.																						
NO. OF LINES	10	SIZE	1 3/4																			
FEET SLIPPED																						
FEET CUT OFF	90																					
PRESENT LENGTH	2410																					
TON MI. OR TRIPS SINCE LAST CUT	1438																					
CUMULATIVE TON MI. OR TRIPS	3500																					
NO. OF DAYS FROM SPUD	6																					
CUMULATIVE ROTATING HRS.																						

DRILLER **Wayne Robinson**



DAILY DRILLING REPORT

REPORT NO. 7

DATE 10-21-68

OPERATOR <i>Phillips PETE</i>		LEASE <i>C.O.D PROSPECT 7-11</i>		WELL NO. <i>37X</i>	FIELD OR DIST. <i>NORWEGIAN CONT SHELF</i>	COUNTY <i>NORTH SEA</i>	STATE <i>NORWAY</i>						
CONTRACTOR <i>ODECO</i>		RIG NO. <i>10</i>	DRILL PIPE STRING NO. <i>1</i> SIZE <i>5</i> TYPE THD. <i>X 1/4</i>	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSG. HD.	SET AT	REMARKS
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>E.O. Sabin</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. Buckley R. J. Plamondon</i>		NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER		<i>30 J.55 133 6 227 336 563. 1627 150 24 TOTAL</i>			

TIME DISTRIBUTION-HOURS	
NIGHT	DAY
RIG UP & TEAR DOWN	
DRILLING ACTUAL	
REAMING	
CONDITIONING MUD & CIRCULATING	<i>5</i>
TRIPS	<i>1</i>
LUBRICATE RIG	
DEVIATION SURVEY	
TEST B.O.P.	
CUT OFF DRILLING LINE	
REPAIR RIG	
CORING	
WIRE LINE LOGGING	
RUNNING CASING & CEMENTING	<i>4 1/2</i>
WAITING ON CEMENT	
DRILL STEM TEST	
OTHER	<i>1 1/2</i>
FISHING	
COMPLETION WORK	
A. PERFORATING	
B. TUBING TRIPS	
C. SWABBING	
D. TESTING	
E. ADDITIONAL	
TOTALS	<i>12</i>

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL-S PART-L-P COM-D-C	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO										
<i>12</i>	<i>1063.94</i>	<i>FT.</i>	<i>3</i>	<i>17 1/2</i>				<i>1675</i>										
	<i>499.26</i>	<i>FT.</i>		<i>HxC</i>														
<i>16</i>	<i>3 I.D. 8 D.</i>	<i>FT.</i>		<i>OSC-30</i>														
	<i>39.22</i>	<i>FT.</i>	<i>2-1</i>	<i>1 1/2</i>														
<i>6</i>	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>W.K. 44781</i>	<i>1675</i>														
	<i>6.00</i>	<i>FT.</i>	<i>19 1/2</i>	<i>523</i>														
<i>2</i>	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>T.18191</i>	<i>1152</i>														
<i>1</i>	<i>BIT OR C.B.</i>	<i>FT.</i>		<i>19 1/2</i>														
	<i>49.00</i>	<i>FT.</i>		<i>1152</i>														
	<i>1674.92</i>	<i>FT.</i>		<i>19 1/2</i>														
	<i>113.000</i>	<i>LBS.</i>		<i>19 1/2</i>														

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS															
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION										
<i>0000</i>	<i>0030</i>	<i>1/2</i>																
<i>0030</i>	<i>0200</i>	<i>1 1/2</i>																
<i>0200</i>	<i>0530</i>	<i>3 1/2</i>																
<i>0530</i>	<i>0630</i>	<i>1</i>																
<i>0630</i>	<i>0830</i>	<i>2</i>																
<i>0830</i>	<i>1200</i>	<i>3 1/2</i>																

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	<i>10</i> SIZE <i>1 3/4</i>
FEET SLIPPED	
FEET CUT OFF	<i>94'</i>
PRESENT LENGTH	<i>7406</i>
TON MI. OR TRIPS SINCE LAST CUT	<i>1438</i>
CUMULATIVE TON MI. OR TRIPS	<i>3500</i>
NO. OF DAYS FROM SPUD	<i>5</i>
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE S.P.M.	PUMP NO. LINER SIZE S.P.M.	METHOD RUN SGL-S PART-L-P COM-D-C	
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO										
<i>12</i>	<i>1063.94</i>	<i>FT.</i>	<i>3</i>	<i>17 1/2</i>				<i>1675</i>										
	<i>499.26</i>	<i>FT.</i>		<i>HxC</i>														
<i>16</i>	<i>3 I.D. 8 D.</i>	<i>FT.</i>		<i>OSC-30</i>														
	<i>39.22</i>	<i>FT.</i>	<i>2-1</i>	<i>1 1/2</i>														
<i>6</i>	<i>STB. BODY O.D.</i>	<i>FT.</i>	<i>W.K. 44781</i>	<i>1675</i>														
	<i>6.00</i>	<i>FT.</i>	<i>19 1/2</i>	<i>523</i>														
<i>2</i>	<i>RMR. BODY O.D.</i>	<i>FT.</i>	<i>T.18191</i>	<i>1152</i>														
<i>1</i>	<i>BIT OR C.B.</i>	<i>FT.</i>		<i>19 1/2</i>														
	<i>49.00</i>	<i>FT.</i>		<i>1152</i>														
	<i>1674.92</i>	<i>FT.</i>		<i>19 1/2</i>														
	<i>113.000</i>	<i>LBS.</i>		<i>19 1/2</i>														

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS															
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION										
<i>1200</i>	<i>1230</i>	<i>1/2</i>																
<i>1230</i>	<i>1400</i>	<i>1 1/2</i>																
<i>1400</i>	<i>1430</i>	<i>1/2</i>																
<i>1430</i>	<i>1530</i>	<i>1</i>																
<i>1530</i>	<i>1630</i>	<i>1</i>																
<i>1630</i>	<i>1800</i>	<i>1 1/2</i>																
<i>1800</i>	<i>1900</i>	<i>1</i>																
<i>1900</i>	<i>2200</i>	<i>3</i>																
<i>2200</i>	<i>2300</i>	<i>1</i>																
<i>2300</i>	<i>2400</i>	<i>1</i>																



DAILY DRILLING REPORT

REPORT NO. 6

DATE 10-20-68

OPERATOR Phillips PETE CO		LEASE C.O.D. Prospect		WELL NO. 3 X	FIELD OR DIST. NORWEGIAN COAST SHELF	COUNTY NORTH SEA	STATE NORWAY										
CONTRACTOR ODECO	RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 1/4 O.D.	PUMPS		SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	MRB. TO CSG. HD.	SET AT	REMARKS				
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>E.O. Shaban</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>Ry Plamen R. Dushley</i>		NO. 1	MANUFACTURER NAT	TYPE N1300	STROKE LENGTH 16	LAST CASING TUBING OR LINER		20	JSS	133	6	227	336	563	CEM/W 1000-SAX 390K

TIME DISTRIBUTION—HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN	
RIG UP & TEAR DOWN		STANDS D.P.	1063.94 FT.	BIT NO.	3	TIME		FROM	TO										
DRILLING ACTUAL	5	SINGLES D.P.		SIZE	17 1/2	WEIGHT		1238	1675	437		Sand & Shale Clay	100	5/5	1300	7/4	60	7/4	60
REAMING		D.C.		MFG.	HTC	VISC.—SEC		DEVIATION RECORD											
CONDITIONING MUD & CIRCULATING	1 1/2	I.D. O.D.	499.26 FT.	TYPE	OSC 3A	FLTR. CK.		TIME LOG											
TRIPS	1 2 1/2	STB. BODY O.D.		NOZZLE NO.	2 1	PH		FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
LUBRICATE RIG		RMR. BODY O.D.	39.22 FT.	SIZE	1 1/2	SD. CONT. %		0000	0500	5	Drilling 17 1/2" hole & spot 50 Bbls mud EVERY 3.000								
DEVIATION SURVEY	4/4	SUBS O.D.	6.00 FT.	SER. NO.	UK 44781			0500	0530	1/2	spot 50 Bbls mud + circ with sea water								
TEST B.O.P.		(BIT) OR C.B.	150 FT.	DEPTH OUT	1675			0530	0600	1/2	Displace hole with gel mud								
CUT OFF DRILLING LINE		B.S.	1600	DEPTH IN	523			0600	0700	1	Pull BIT into Btm of CSG. hole in good shape								
REPAIR RIG	3/4	TOTAL	1695 FT.	TOTAL FTG.	1152			0700	1200	5	No tight spots.								
CORING		WT. OF STRING	113,000 LBS.	TOTAL HR. RUN	19 1/2			WAIT ON WEATHER											
WIRE LINE LOGGING		REMARKS	19 1/2 hrs on Bumper Sub #1																
RUNNING CASING & CEMENTING	6 1/2	REAMER NO.		COND. OF BIT	L.N.														
WAITING ON CEMENT		REAMER TYPE																	
DRILL STEM TEST																			
OTHER	5 1/2																		
FISHING																			
COMPLETION WORK																			
A. PERFORATING																			
B. TUBING TRIPS																			
C. SWABBING																			
D. TESTING																			
E. ADDITIONAL																			
TOTALS	12 12																		

TIME DISTRIBUTION—HOURS		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. 1	PUMP NO. 2	METHOD RUN	
DAY WORK		STANDS D.P.	1063.94 FT.	BIT NO.	3	TIME		FROM	TO										
HRS. W/DP		SINGLES D.P.		SIZE	17 1/2	WEIGHT		1675	T.D.										
HRS. WO/DP		D.C.		MFG.	HTC	VISC.—SEC		DEVIATION RECORD											
HRS. STANDBY		I.D. O.D.	499.26 FT.	TYPE	OSC 3A	FLTR. CK.		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION
TOTAL DAY WORK		D.C. B/S		NOZZLE NO.	2 1	PH		1675	1/2										
WIRE LINE RECORD		STB. BODY O.D.	39.22 FT.	SIZE	1 1/2	SD. CONT. %		TIME LOG											
REEL NO.		RMR. BODY O.D.		SER. NO.	UK 44781			FROM	TO	ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS								
NO. OF LINES	10	SUBS O.D.	6.00 FT.	DEPTH OUT	1675			1200	1245	3/4	Working on discharge line in mud Rock (change out VALVE on #1 Discharge)								
FEET SLIPPED		(BIT) OR C.B.	150 FT.	DEPTH IN	523			1245	1315	1/2	R.I.H 'slow' to T.O. No drag.								
FEET CUT OFF	94'	TOTAL	1674.92 FT.	TOTAL FTG.	1152			1315	1400	3/4	Displaced w/ 500 Bbl's of well mud. Dropped SERVEY.								
PRESENT LENGTH	7406	REMARKS	B/S #1 = 19 1/2 hrs.																
TON MI. OR TRIPS SINCE LAST CUT	1350	REAMER NO.		COND. OF BIT	T-1-G131			1400	1600	2	P.O.H. Laying out 17 1/2 bit. recover SERVEY tool								
CUMULATIVE TON MI. OR TRIPS	3500	REAMER TYPE						1600	1630	1/2	Safety Meeting								
NO. OF DAYS FROM SPUD	4																		
CUMULATIVE RDTATING HRS.																			



DAILY DRILLING REPORT

REPORT NO. 5

DATE 10-19-68

OPERATOR: Phillips PETE. CO
 LEASE: C.O.D. PROSPECT 7-11
 WELL NO.: 3-K
 FIELD OR DIST.: NORWEGIAN CONT. SLEDD
 COUNTY: NORTH SEA
 STATE: NORWAY

CONTRACTOR: ODECO
 RIG NO.: 10
 DRILL PIPE STRING NO.: 1
 TOOL JOINT: 6 1/4 O.D.
 PUMPS: 1. N/A, 2. N/A, 3. G.D.
 MANUFACTURER: N/A, N/A, G.D.
 TYPE: N/A, N/A, 4x9
 STROKE LENGTH: 16, 16, 16

SIGNATURE OF OPERATOR'S REPRESENTATIVE: E.O. Seaton
 SIGNATURE OF CONTRACTOR'S TOOL PUSHER: R.J. Plummer, R. Buckley

SIZE: 2.0
 MAKE: J.55
 WT. & GR.: 133
 NO. JOINTS: 6
 FEET: 227
 RKB. TO CSG. HD.: 396
 SET AT: 563
 REMARKS: 1000.5 AX. C.M.T. 3% CAL.

TIME DISTRIBUTION - HOURS	
NIGHT	DAY
RIG UP & TEAR DOWN	
DRILLING ACTUAL	8 1/2 12
REAMING	
CONDITIONING MUD & CIRCULATING	
TRIPS	
LUBRICATE RIG	
DEVIATION SURVEY	
TEST B.O.P.	
CUT OFF DRILLING LINE	
REPAIR RIG	
CORING	
WIRE LINE LOGGING	
RUNNING CASING & CEMENTING	
WAITING ON CEMENT	
DRILL STEM TEST	
OTHER	7 1/2
FISHING	
COMPLETION WORK	
A. PERFORATING	
B. TUBING TRIPS	
C. SWABBING	
D. TESTING	
E. ADDITIONAL	
TOTALS	12 12

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. CORE NO.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO											
17	3 D.C.	437.08 FT.	2	17 1/2			523	549			CEMENT	60	1000	1300	7/4	65	7/4	65	
6	3" 8" I.D. O.D.	39.22 FT.	2	16 1/2															
2	BIT OR C.B.	1.35 FT.																	
1	B.S.	16.00 FT.																	
	KELLY DOWN	50. FT.																	
	TOTAL																		
	WT. OF STRING	LBS.																	
REMARKS: Bumper Sub #1																			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION											
00:00	02:30	2 1/2																	
02:30	05:00	2 1/2																	
05:00	06:00	1																	
06:00	08:30	2 1/2																	
08:30	10:00	1 1/2																	
10:00	12:00	2																	

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	10 SIZE 1 3/4
FEET SLIPPED	
FEET CUT OFF	94'
PRESENT LENGTH	7406'
TON MI. OR TRIPS SINCE LAST CUT	1350
CUMULATIVE TON MI. OR TRIPS	3500
NO. OF DAYS FROM SPUD	3
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. CORE NO.	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO											
7	3 D.C.	621.65 FT.	3	17 1/2			549	564			C.M.T.	70	9/10	1200	7/4	60	7/4	60	P.
16	3" 8" I.D. O.D.	499.26 FT.					564	1238	674		SAND, SHALE & CLAY	100	5/2	1200	7/4	60	7/4	60	P.
1	3" 8" I.D. O.D.	16.00 FT.	2	1 1/2															
6	STB. BODY O.D.	39.22 FT.																	
2	STB. BODY O.D.																		
1	BIT OR C.B.	1.50 FT.																	
	KELLY DOWN	55. FT.																	
	TOTAL	1238.63 FT.																	
	WT. OF STRING	108,000 LBS.																	
REMARKS: Spotted 300 Bbl's of mud on pipe Conn.																			
B.H.A. 17 1/2 bit, bit sub, R. Stab, 1 D.C. R. Stab, 2 D.C. R. Stab, 3 D.C. R. Stab, 3 D.C. 1.8" 8" R. Stab, 3 D.C. R. Stab, 4 D.C. *6, D.P.																			

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION											
12:00	13:00	1																	
13:00	24:00	11																	



DAILY DRILLING REPORT

REPORT NO. 4

DATE 10-18-

OPERATOR Phillips PETE CO.		LEASE C.O.D. PROSPECT 7-11		WELL NO. 3.X	FIELD OR DIST. NORWEGIAN	COUNTY COAST. SELB4	STATE NORTH SEA										
CONTRACTOR ODECO		RIG NO. 10	DRILL PIPE STRING NO. 1 SIZE 5	TOOL JOINT 6 1/4 O.D.	PUMPS			REMARKS									
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>E.O. Salen</i>		SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>R. J. Hansen</i>		TYPE THD. X.H.	NO.	MANUFACTURER	TYPE	STROKE LENGTH	LAST CASING TUBING OR LINER	SIZE	MAKE	WT. & GR.	NO. JOINTS	FEET	RKB. TO CSC. HD.	SET AT	REMARKS
					1.	NAT	N1300	16		20"	J-55	133	6	227	136	1000 SX. CMT	3% Calcium
					2.	NAT	N1300	16									
					3.	G.D.	4X9	16									

TIME DISTRIBUTION-HOURS	
(NIGHT)	DAY
RIG UP & TEAR DOWN	
DRILLING ACTUAL	
REAMING	
CONDITIONING MUD & CIRCULATING	
TRIPS	
LUBRICATE RIG	
DEVIATION SURVEY	
TEST B.O.P.	
CUT OFF DRILLING LINE	
REPAIR RIG	
CORING	
WIRE LINE LOGGING	
RUNNING CASING & CEMENTING	10 1/2
WAITING ON CEMENT	1 1/2
DRILL STEM TEST	
OTHER	
FISHING	
COMPLETION WORK	
A. PERFORATING	
B. TUBING TRIPS	
C. SWABBING	
D. TESTING	
E. ADDITIONAL	
TOTALS	12 12

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL. S PART. P COMD. C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO									
2	193.33	FT.	1	26"				563							7 1/4	7 1/4	
1	SINGLES D.P.	FT.	SIZE	MFG.	VISC.-SEC												
9	3 I.D. 8 O.D.	278.68 FT.	MFG.	HTC													
	D.C.		TYPE	OSC 3A	W.L.-C.C.												
1	B.S. I.D. O.D.	16.02 FT.	NOZZLE NO. SIZE	Re	FLTR. CK.												
	STB. BODY O.D.	FT.	SER. NO.	R. 1071	PH												
	STB. BODY O.D.	FT.	DEPTH OUT	563	SD. CONT. %												
	RMR. BODY O.D.	FT.	DEPTH IN	3.36													
3	O.D.	9.05 FT.	TOTAL FTG.	227													
1	(BIT) OR C.B.	1.50 FT.	TOTAL HR. RUN	3.													
	KELLY DOWN	32.00 FT.	COND. OF BIT	Good													
	TOTAL	562.58 FT.	REAMER NO.														
	WT. OF STRING	68,000 LBS.	REAMER TYPE														
REMARKS																	

TIME SUMMARY (OFFICE USE ONLY)	
DAY WORK	
HRS. W/DP	
HRS. WO/DP	
HRS. STANDBY	
TOTAL DAY WORK	
WIRE LINE RECORD	
REEL NO.	
NO. OF LINES	10 SIZE 13/4
FEET SLIPPED	
FEET CUT OFF	94
PRESENT LENGTH	7406
TON MI. OR TRIPS SINCE LAST CUT	1350
CUMULATIVE TON MI. OR TRIPS	3500
NO. OF DAYS FROM SPUD	2
CUMULATIVE ROTATING HRS.	

NO.	DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. D RM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY RPM	WT. ON BIT 1000#	PUMP PRESS	PUMP NO. LINER SIZE	PUMP NO. S.P.M.	METHOD RUN SCL. S PART. P COMD. C
	STANDS D.P.	FT.	BIT NO.	SIZE	TIME	WEIGHT	FROM	TO									
			2	17 1/2"				563							7 1/4	7 1/4	
	SINGLES D.P.	FT.	SIZE	MFG.	VISC.-SEC												
	D.C.		TYPE	HTC	W.L.-C.C.												
	I.D. O.D.	FT.	NOZZLE NO. SIZE	OSC 3A	FLTR. CK.												
	D.C.		SER. NO.	UK 56388	PH												
	I.D. O.D.	FT.	DEPTH OUT		SD. CONT. %												
	STB. BODY O.D.	FT.	DEPTH IN														
	STB. BODY O.D.	FT.	TOTAL FTG.														
	RMR. BODY O.D.	FT.	TOTAL HR. RUN														
	SUBS O.D.	FT.	COND. OF BIT														
	BIT OR C.B.	FT.	REAMER NO.														
	KELLY DOWN	FT.	REAMER TYPE														
	TOTAL	FT.															
	WT. OF STRING	LBS.															
REMARKS																	

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS														
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION						
00:00	00:40	1/2															
00:40	06:00	5 1/2															
06:00	08:30	2 1/2															
08:30	09:00	1/2															
09:00	09:30	1/2															
09:30	10:00	1/2															
10:00	10:30	1/2															
10:30	12:00	1 1/2															

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS														
FROM	TO		DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION	DEPTH	DEV.	DIRECTION						
12:00	24:00	12															
W.O.C. -																	
Service Rig floor, T/Blocks & Crown.																	
Assisted diver, diver down @ 12:30 to check landing base position & recover CMT. Sample. Landing base OK.																	
CMT. Sample recovered, Good. Repaired hook on T/Blocks.																	
Strung up new Geograph line. Gen Rig maintenance.																	
Picking up 17 1/2" drilling Assembly @ 19:00 hrs. while attempting to stab 17 1/2" bit in well head. Rubber stab backed off 9' above bit. @ 22:45 hr. P.O.H.																	
B.H.A. 17 1/2" bit, 1/2 bit sub, R/stab, 1.D.C., R/stab, 2.D.C., R/stab, 3.D.C., R/stab, 3.D.C., 1.8" B/S, R/stab, 1.D.C. - Total 2358.50.																	



APPROVED



APPROVED

DAILY DRILLING REPORT

REPORT NO. 1

DATE 07/15/68

OPERATOR: Phillips Petroleum Co. LEASE: Odd Prospect 7 11

CONTRACTOR: Odeco Norway Inc. RIG NO.: 10

WELL NO.: 3 X Norwegian Cont. Shaft FIELD OR DIST.: COUNTY: North Sea STATE: Norway

DRILL PIPE STRING: 6 3/8" O.D. TOOL JOINT: 5 1/2" TYPE THD: 5 X H

SIGNATURE OF OPERATOR'S REPRESENTATIVE: E.O. Leaburn SIGNATURE OF CONTRACTOR'S TOOL PUSHER: L.C. Rulle

NO.	MANUFACTURER	TYPE	STROKE LENGTH
1.	NATIONAL	N-1300	16
2.	"	N-1300	16
3.	G.D.	FXQ	16

TIME DISTRIBUTION-HOURS		NIGHT	DAY
RIG UP & TEAR DOWN			
DRILLING ACTUAL			
REAMING			
CONDITIONING MUD & CIRCULATING			
TRIPS			
LUBRICATE RIG			
DEVIATION SURVEY			
TEST B.O.P.			
CUT OFF DRILLING LINE			
REPAIR RIG			
CORING			
WIRE LINE LOGGING			
RUNNING CASING & CEMENTING			
WAITING ON CEMENT			
DRILL STEM TEST			
OTHER	12	12	
FISHING			
COMPLETION WORK			
A. PERFORATING			
B. TUBING TRIPS			
C. SWABBING			
D. TESTING			
E. ADDITIONAL			
TOTALS	12	12	

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. O R.M. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN
		STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO												
		SINGLES D.P.	FT.	SIZE		WEIGHT															
		D.C.		MFG.		VISC.-SEC															
		I.D. O.D.	FT.	TYPE		W.L.-C.C.															
		D.C.		NOZZLE NO.		FLTR. CK.															
		I.D. O.D.	FT.	NOZZLE SIZE		PH															
		STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %															
		STB. BODY O.D.	FT.	DEPTH OUT																	
		RMR. BODY O.D.	FT.	DEPTH IN																	
		SUBS O.D.	FT.	TOTAL FTG.																	
		BIT OR C.B.	FT.	TOTAL HR. RUN																	
		KELLY DOWN	FT.	COND. OF BIT																	
		TOTAL	FT.	REAMER NO.																	
		WT. OF STRING	LBS.	REAMER TYPE																	
REMARKS																					

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
FROM	TO																			
0930	1200	2 1/2	Change to 7/11 3 X Hook up new pennant line to anchor																	

TIME SUMMARY (OFFICE USE ONLY)		DAY	NIGHT
DAY WORK			
HRS. W/DP			
HRS. WO/DP			
HRS. STANDBY			
TOTAL DAY WORK			
WIRE LINE RECORD			
REEL NO.			
NO. OF LINES	10	SIZE	1 3/4
FEET SLIPPED			
FEET CUT OFF	94		
PRESENT LENGTH	7406		
TON MI. OR TRIPS SINCE LAST CUT	1350		
CUMULATIVE TON MI. OR TRIPS	3500		
NO. OF DAYS FROM SPUD	0		
CUMULATIVE ROTATING HRS.			

NO.		DRILLING ASSEMBLY AT END OF TOUR		BIT RECORD		MUD RECORD		FOOTAGE		DR. O R.M. R CORE..C	CORE NO.	FORMATION (SHOW CORE RECOVERY)			ROTARY RPM	WT. ON BIT 1000 #	PUMP PRESS	PUMP NO.		PUMP NO.	METHOD RUN
		STANDS D.P.	FT.	BIT NO.		TIME		FROM	TO												
		SINGLES D.P.	FT.	SIZE		WEIGHT															
		D.C.		MFG.		VISC.-SEC															
		I.D. O.D.	FT.	TYPE		W.L.-C.C.															
		D.C.		NOZZLE NO.		FLTR. CK.															
		I.D. O.D.	FT.	NOZZLE SIZE		PH															
		STB. BODY O.D.	FT.	SER. NO.		SD. CONT. %															
		STB. BODY O.D.	FT.	DEPTH OUT																	
		RMR. BODY O.D.	FT.	DEPTH IN																	
		SUBS O.D.	FT.	TOTAL FTG.																	
		BIT OR C.B.	FT.	TOTAL HR. RUN																	
		KELLY DOWN	FT.	COND. OF BIT																	
		TOTAL	FT.	REAMER NO.																	
		WT. OF STRING	LBS.	REAMER TYPE																	
REMARKS																					

TIME LOG		ELAPSED TIME	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS																	
FROM	TO																			
12:00	12:00	2	moving barge to new location, on same @ 1400 hr																	
1400	22:00	8	Running barge anchors. Set anchors # 1, 2, 3, 4, 6, 7, 8,																	
2200	24:00	2	Pumping barge down. Tugs Pacific & Bugster 24 Released @ 2400 hrs. Anchor #5 still secured to barge.																	
			Set #6 anchors @ 1430																	

