

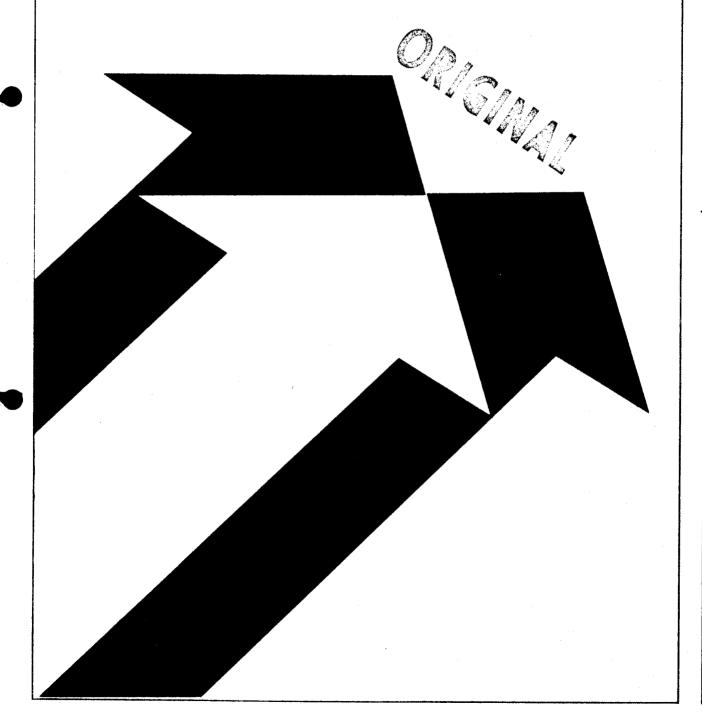
WELL NO. 30/ 71/

AREA Offshore





#### WELL SUMMARY





#### DRILLING FLUIDS

#### **DRILLING DATA**

COMPANY NORSK HYDRO	_WELL NO30/7-1A	PAGE1of1
CONTRACTOR Rasmussen Global	Mar. ADDRESS Berg	gen
RIG No Polyglomar		
	COUNTRYNo	
TOTAL DEPTH 1371	FEET DATE SPUDDED	3-7-75
DATE FINISHED (**)	DAYS DRILLING	
DAYS COMPLETING	DAYS MOVING	WELL TOTAL
	EQUIPMENT	
PUMP No. 1 Liner	MAKE Cont Ems	SCO MODEL F 1600
PUMP No. 2 Liner X	MAKE	MODEL
PUMP No. 3 Liner X	MAKE	MODEL
DEGASSER Welco	HOURS RUN	
DESILTER Demoo	No. CONES	HOURS RUN
CLAYJECTOR H and H	No. CONES	HOURS RUN
DESANDER H and H		
SHALE SHAKER	TYPE	
SHALE SHAKER	TYPE	
CENTRIFUGE	HOURS R	UN
COMMENTS:		
Well plugged/abandoned at 137	71' Skidded 150'(t) Sta	rt new location 30/7-2



COMPANY NORSK HYDRO	WELL NO	30/7-1A	PAGE_		_OF	9
DATE	00' TIME 0600	ENGINEER	Jones			
Make up BHA - Drill to 19	97m - Flush hole v	with spud mud	1 - Survey	- РОН		
DATE	)'TIME0400_	ENGINEER.	Jones			-
GIH w/hole opener - Probs						
DATE 7/6 DEPTH 600	TIME 0300	ENGINEER_	Jones			
			<del></del>			
Move rig 22m - Land Base RIH - Ream - Circ - Pump	plate - Rig up - total mud volume	Spud - PooH to flush hol	- Reposit. e - POH -	ion rig Run csg	over v	well
		-				
DATE 7/7 DEPTH 60	Ω'TIME	ENGINEER_	Jones			
Cement 30" csg.						
J						
MP-500 1 : 13			<del></del>			



DATE 8/7 DEPTH 197m TIME 1600 ENGINEER Butler		
Rigging up riser and stack		
	· · · · · · · · · · · · · · · · · · ·	
DATE 9/7 DEPTH 197m TIME 1400 ENGINEER Butler		
Broke guide base, pulled riser and stack - Running same		
DATE 10/7 DEPTH 233m TIME 2400 ENGINEER Butler		
Drig 17 1/2" hole - No problems		
1, 1, 2 hore no problems		
-		
	**************************************	 
DATE 11/7 DEPTH 322m TIME 2400 ENGINEER Butler		
Drigg 17 1/2" hole - No problems except with in rotary table and had compensator	ave	
P 500 1 1 1 3		



OMPANY	NORSK HYDRO	0	WELL NO3	0/7-1A	PAGE	_3	OF9
DATE	2/7DEP1	г <b>н</b> <u>324m</u>	TIME <u>0200</u>	ENGINEE	R <u>Butler</u>		
RIN w/2		mer - Rean	ned and drille			lt mud	
	- Walley Power Company of the Section of the Sectio	***					
DATE13	3/7DEPT	TH 345m	TIME1500_	ENGINEE	Rutler		
PooH wit stack, F	th 26" under	reamer, di	spaced riser blem - PooH -	with seawat	ter. pulle <b>d</b> ∵	riser an •	đ
			TIME1200 OP stack and	<b>ENGINEEF</b>	Butler		
DATE1	4/7DEPT	H <u>340</u>	_TIME1200_	ENGINEER	Butler		
Rigging	up - BOP sta	ck and ri	ser				
500 1/13							



	WELL NO30	77.7.1	PAGE	4	OF_9
DATE 15/7 DEPTH 340	TIME_0430	ENGINEER _	Butler		
Pun atack mast start				·	·
Run stack - Test stack					
•					
	<del></del>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
DATE 16/7 DEPTH 434	TIME0500	ENGINEER_	Jones		
PooH w/test plug - Pick up ke	lly - Test cho	kes - m/u BI	IA - RIH ta	ag cmt a	at 316m
Repair rotary table - Drill conew hole - Displace w/mud -	mt from 316m t rla - Mixina w	o 343m - Dri	.11 w/sea v	water to	)
Just Just William D.	rig Hixing II	luu			
		· n		4e	
				· · · · · · · · · · · · · · · · · · ·	
DATE 17/7 DEPTH 679	_TIME_0430	ENGINEER	Jones		
Ream from 343 to 350m - Drill	to 405 - Surv	ev circ. and	cond w/de	sander/	,
de-silter - Survey - Drill to	556m - Circ -	PooH - RIH	- Drill -	Continu	and lv
building volume in active - Bu	illuing 2 pits	(600 001) 1	2 ppg mud	in rese	rve
		_			
DATE 18/7 DEPTH 894	_TIME0230_	ENGINEER_J	ones		
Drill - Servey - Drill - Circ	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M	ix mud
	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M continu	ix mud e
Drill - Servey - Drill - Circ continuosly extremely pourous	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M continu	ix mud
Drill - Servey - Drill - Circ continuosly extremely pourous	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M continu	ix mud e
Drill - Servey - Drill - Circ continuosly extremely pourous	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M continu	ix mud e
Drill - Servey - Drill - Circ continuosly extremely pourous	- PooH - Check	k bit m/u BH	A - RIH Dr	ill - M continu	ix mud e



COMPANY_	NORSK	HYDRO		WELL NO	30/7-1	PAGE_	5	OF9
DATE1	.9/ <b>7</b>	DEPTH_	943	TIME0100	_ ENGINEE	R Jones	-	
to shoe Divers	e - Lost unable	returns to locat	- Try e - Fil	to 894ft. ci to rega <b>m - N</b> 1 riser w/se cond mud -	io results - a water - R	Found leak IH to 937m	t in r	iser w/T.V
				· .				
DATE _2	0/7	DEPTH_	943	TIME0330_	ENGINEE	R Jones		
PooH - hoses -	Pull ri No go	.ser - Rej - Pull r	pair le iser -	ak - Run ris Continue to	er - Jump d mix mud in	ivers to un active syst	tangle em	e wires <b>y</b>
DATE				TIME2400		R Butler		
Reaming desoåte:	and dr r ri <b>mm</b> o	rl <b>y −</b> Brio omg	lges th	rough 17 1/2	" hole - Ha	ving troubl	e keel	oing desarder,
								`
			-			-		
DATE_2	2/7	DEPTH	991	_TIME2400	ENGINEER	Butler		
Reaming circ - 1	and dr PooH to	lg Bri run 13 3	dges the second	nrough 17 1/ g Stuck d	2" hole - Di rill pipe at	cill 17 1/2 : 420m - WO	hole O	to 991m
							·	



MPANY <u>NORSK HYDRO</u>	WELL NO30	0/7-1	PAGE_	6	OF
DATE <u>23/7</u> DEPTH <u>991</u>	TIME1400_	ENGINEEI	R_Butler	_	
Running back off on stuck Changing BHA for fishing s	pipe - Rigging u <sub>l</sub> tring	BHA for i	fishing str	ing -	Fishing
				——————————————————————————————————————	
DATE <u>24/7</u> DEPTH <u>991</u>	TIME	ENGINEER	Butler	<u> </u>	
No luck freeing stuck pipe	- Cannot circ. r	numped acti	te mud int	0 <b>3</b> 055	
pits for cleaning and work	ing on active pit	system	ve mua inc	o gese	erve
	•				
	`				
			<del></del>		<del></del>
DATE 25/7 DEPTH 991	TIME	ENGINEER	Butler		
Waiting on washover pipe -					
	working on mud s	ystem			* *
		· •			
DATE 26/7 DEPTH 991	1000				
DATE 20/7 DEPTH 991	TIME_1900	ENGINEER.	Butler		*
Built 800 bbls chemical mud with chemical mud	to use in washi	ng over st	uck pipe -	Washi	ng over
	•				



MP-500 1/13

COMPANY NORSK HYDRO	WELL NO30	0/7-1	_PAGE7	OF9
DATE <u>27/7</u> <b>DEPTH</b> <u>99</u> :	1TIME0400_	ENGINEER	Butler	
Washing over stuck pipe - w/jars on stuck pipe - No	Washover pipe par luck - Broke jars	rted, one join s - Fished jar	t left in holes	le - RIH
			***************************************	
DATE	TIME	ENGINEER	Rogers	
Fishing for lost tools - ( Pipe free - Reserve Pit. r	Conditioning systemo. 4 for spotting	em - Build 65 l around tools	obl diesel oi -	11 -
DATE 29/7 DEPTH 137	IIVIE	antel	ogers	
Fishing - Lost bumper subs stand by gel slurry in res Break over active system (	serve pit no. 3 fo	r possible slu	ig to clean h	ole.
DATE 30/7 DEPTH 137	'1TIME	ENGINEER RO	ogers	
Fishing! - Going back into fishing - Circ! and condit w/charge - Go back into ho	ion system - No a	dditions - Bac	ked of D.C.	sible s)



COMPANY_	NORSK HYDRO	WELL NO	30/7-1	PAGE_	8	OF	9
DATE3	1/7DEPTH	TIME	ENGINEER	Roge	rs		
Decisio	n made to plus and	a bandon hole -	Skid 150(+)	east			
	,						
DATE 1	/8DEPTH	TIME	ENGINEER.	Rogers			
Cement h	nole - Rigging down	n					
							·
DATE	2/8DEPTH	TIME	ENGINEER_	Rogers			
Rigging	down in prep. for	skid					
							•
			-				
DATE	3/8 DEPTH	TIME	ENGINEER_	Rogers			
Rigging	down - Cut well he	ead and fish for	temporary ba				
Change 1	location to 30/7-2	when rig is skid	ded.			,	
						•	



# TOTAL MUD MATERIALS USED FOR WELL

COMPANY NORSK HYDRO WELL NO. 30/7-1 (A) PAGE 1 of 1

Quantity Material Unit/Weight Unit Cost Total Cost %

Quantity	Material	Unit/Weight	Unit Cost	Total Cost	%
1707	Salt Water Gel	55 lb	14.13	24119.91	
1589	Milben	110 1ь	7.52	11949.88	
118	Caustic Soda	55 lb	29.65	3320.80	
195	Flosal	50 lb	16.44	3205.80	
38	Drispac	50 lb	131.06	4193.98	
59	Lime	25 1b	3.00	177.00	
8	Bicarb	110 lb	13.22	105.76	
24	Ca. Chloride	110 lb	8.36	800.64	
30	Barite	100 lb	4.85	145.50	
80	Kwik Seal	40 lb	24.42	1953.60	·
305	Mica	50 lb	12.99	3961.95	
5	LD-7	5 G.	96.10	480.50	
108	Unical	50 lb	14.37	1551.96	
57	CMC	50 lb	56.08	3196.56	
70	Milpluq	50 lb	13.93	975.10	
20	Ligcon	50 lb	14.21	284.20	
2	Pipe Free	55 G.	569.73	1139.46	
* Difference	in total cost reflects addition				with
	on first part of the well. This				
the end of					
		AL COST FOR WE	ELL \$	60166.60	
DEPTH AT T.D	1371 FT. AVERAGE COST	per FOOT for Wi	ELL \$		
Plugged an	d abandoned	IAGE COST per D	DAY \$	······································	



#### Milchem Orilling Fluids Division DAILY DRILLING MUD ADDITIONS

Rig No	Pou	1640				100		Carlotte Carlotte		7	IDRO						EGAL ESCRIP	TION			-	1	:	in the second	
Milchem Well No		1	MAK	-		A	fell Name and No		30/7-	. 1			F	ield	FRIC	36				COUNT	N Na	RTHS	co	STATE _	Vorumy
Well No		£.	iilchem Iarehouse		erge	v /	· /		/	/	S	pud 3	Juy 15	No: Dr _ Days T	illing o T.D.			TE T.D. ACHED_		1	OTAL EPTH_		7.50	OTAL OST \$	
•			4	M.		15/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N/N	(8)	100	/ni/	NA NA	(4) (4)	1.6/		/0°/	ole:0/	77		//	//	//	//		//	////	
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DATE 1	DEPTH	1	3/14		/ /		J. J	, O		300	/	/	/ /	<u> </u>				/ /		/3 6		/ /	/ 3 6	/3 6/	
00757	(ft)			C	/ V	/ 0	/ \	/ a	<u> </u>	\x\(\fix\)	1 4	9/ 1												DAILY COST	CUMULATIVE COST
7-3 1-4 1-5 1-6 7-7 1-8 1-10 1-10 1-10		340	150	20	25													1 11						6936.20	6936.20
7-4					-		<b> </b>			<u> </u>	ļ			<u> </u>		<u> </u>	-		ļ					0	6936.20
7-5		12	95	10	<del>                _     _     _  </del>	2	<del> </del>	6	74	<u> </u>		<u> </u>			ļ	<u> </u>	1	<del> </del>	ļ				ļ	29038	7226.58
7-7		106	100	18	35	<u> </u>	12	8	24					<del> </del>	<u> </u>	<del> </del>		<del> </del>			-			3971.52	11,198.10
7-8		Ow	100	13	1 30	1 2 41	16		<del> </del>	1				ļ	ļ	+	#	+			<del> </del>	<u> </u>		2409.43	13,407,53
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7-10			1							1.		ļ —						<b>†</b>			<del>                                     </del>	<del>                                     </del>		752	13,85,05
7-11										15												<b>†</b>		72.95	13 888.00
										15								1			1	1.		72, 95	13, 960.95
7-13		19						-														1		268.47	14, 229,42
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7-17		71	180		54	<u> </u>		ļ	<u> </u>	ļ	-													3244,50	17474,37
7-17		36	68	20	8	1	<del>    -   -   -   -   -   -   -   -   -  </del>	<b></b>	<u> </u>	ļ		1	<u> </u>	<u> </u>	ļ	<u> </u>		-						6750 47	24,224.49
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Milchem Orilling Fluids Division DAILY DRILLING MUD ADDITIONS MILCHEM INCORPORATED / P. O. BOX 22111 / HOUSTON, TEXAS 77027 Contractor Global MARINE OPERATOR NORSK Hydro

Rig No. Poly glomar Driller Well Name 30/7-1

Field COUNTY North SEA STATE NORWAY

Milchem Warehouse Bergen Date 37-75 No. Drilling Date 1371 TOTAL 572038.62 \\ \overline{\ov CUMULATIVE (1976) DAILY COST 11,679,96 57,482.81 27-7 991 12 169,56 58 152,37 23-7 991 -0- 58 152.37 991 -0- 58, 152.37 25-7 991 30.08 56, 182.45 26-7 991 130 22 40 6378.14 64.530.51 27-7 991 97 10 90 2561.94 67 092 45 28 7 (371) 29 1,1371 30 1371 31-7 1371 DM Additions - 67 d92.45 27 642.91 67 735.36 195 28 4303.2472038.62 -0- 12038,62 1-8 € 72038.62 € 72038.62 2-8 72038.62



#### DAILLING DATA

Contr	setor .	RAS	7° (1	55 CA	0X 22111 / GL#134	1.0	L open	TOR _	Non	ism H	yDeo							GAL ESCRIPTI	ON				Milcher Well No	
Rig N	<u>,                                    </u>	Pocy	GLN.	MARZ			Moff	Neme No	3	0/7-	I			Fiek	đ		10				COUNTY	راد	DETA SEA STATE A	DRUMES
Spud Date		ı	N D	o. Drillin nys Ta 1	ng [,D		ne T.D. ached			TAL PTH			mp And	Equipment	T. EN	co-f	916	90		• 6				1
	ATE 75	DEPTH (ft)	BIT NO.	BIT TYPE	JETS (in/32)	DEF IN	TH BIT (ff)	Bit Footega (ft)	State Sta State Sta State Sta Sta Stae State State State State Sta Sta Stae Stae	Cumulative Rotating Hours	Duit Conditio	Rotary	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Panny Pressur d (pel)		. 2		onuter elecity (fpm)	Melght (pag)	P.V. YE			REMARKS	
17	7	0	-	<u> </u>		<u></u>	-	†-	-	- 1		-					CONTRACTOR OF	P.   D.C.   -			-		COUNCET NUD LIN	1/20
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	+	<del></del>	<del>.</del>						-					1.5			11			, , <u>, , , , , , , , , , , , , , , , , </u>				
2. 7	1	0				<del></del>			1								1		1				MORE GUIDE BASE O	
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3	<del>z</del>	٥	<del></del>					-					<del>-  -  -  -  -  -  -  -  -  -  -  -  -  -</del>				1	<u> </u>	<del></del>		——————————————————————————————————————		RIGUP. LOWER GUI	ne Rela-
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# MilChem Drilling Fluids Division

#### DRILLING DATA

				OX 22111 / GLOBA				No	RSK	1447	neo			· · · · · · · · · · · · · · · · · · ·			LEGAL DESCRI	PTION					Milchem  Well No.
5 No	Poli	4 G	ع ١٨١٠ ند	re		Well And	Name No		30/7-	1			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Field_	-F	2166				cou	NTY	l sea	STATE_ NORWAY
ud   32	vy)	∑ No ∑ De	. Drillir ys To 1	'.D		n T.D.		TO'	TAL PTH		Pui lnf	mp An ormeti	d Equip	ment									
	DEPTH (ft)	BIT NO.	BIT	JETS		rii BIT (ft)	Bit Footage (ft)	Rotating Mours	Cumulative Rotating Hours	1	on 3	S .	P. Rate Average (Pari)	Pump Pressure	e e i i	Nozzie Nozzie Velocity (fps)	Annular Velocity (fpm)	Weigh	MU t P.V				
16/-			· · · · · · · · · · · · · · · · · · ·	(in/32)	IN	OUT	(60)	52	ROOM	T	g Š.	3	345	(psi)	[ C & S	" žșe	D.P. D.		<del></del>	Yield Point (N/100R²)			REMARKS
147	434			18/8/8					·				+ +					9.1	<u> </u>			POON W/T	COT PLAG - PLACUP HALL
1	<del></del>										-			,								TEST NI	W BHA-RINTAGENT
												- #***** -		·								DRILL CH	T fr. 316-3432-DISR
17/7											+											Par Fr	MUD. 343-350 m. Dispense 40
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#### Milchem Drilling Fluids Divisien DRILLING DATA MILCHEM INCORPORATED / P. O. BOX 22111 / HOUSTON, TEXAS 77027 Contractor KASHUSSEN Global MARINE OPERATOR LEGAL DESCRIPTION RIG No. BLY GLOM ANZ 30/7-1 \_\_\_\_ COUNTY Noeth Set STATE Norway Well Name Field Pump And Equipment C\_ EMSCo F\_ 1600 Date 3 July 75 No. Drilling Days To T.D. Date T.D. TOTAL DEPTH Reached MUD DEPTH BIT Dull Rotating DEPTH Cumulative Condition JETS Velocity Rotating Hours Yield Point (b/100#<sup>2</sup>) Footage REMARKS TYPE (ln/32)OUT Ø.P. D.C. 450 46 RR 18--85 20 10 FISHING 325 A RR 18-450 47 25 12 FISHWG 450 47 86 25 20 FISHING 000 00 USUNG LISHING LISHING . PADE 1371 f .

MILCHEM INCORPO	ICHEM DRATED / P. O		- T			<b>C</b>	PII	_LII	NG	3 1	VL		R	EC	CA	P					
Contractor RAS		*			Nonsi	× Hy	DRO	1. <u>1. e.e.</u>						GAL SCRIP	TION		*		-		
	GLOMAN			Well Name And No		7-1				Field _	fri	GG		÷			cou	INTY	Varia	sea	STATE NORWAY
Milchem Well No.	Milche Wareho	m Be	RGEN					Spud Date _			No. Drilli Days To				ATE T.			TOTAL DEPTH			TOTAL COST \$
CASING PROG	RAM	BITS		TYPE	MUD SYS	TEM	T	so	LIDS C	ONTROL	EQUIP	MENT	Т	i i			ADDIT	IONAL			
	20 _	10. Size  1 26  2 17'	_ \ _Se	Type ATTUATER	Ger	Depth Interva		Typ <u>Pecass</u> De saux	ce.W	remco		Interval (ft)	_   6	Pemp S <sub>I</sub> D <sub>s</sub> P. and Other	pecification	ons	CONT.	Emsca	. <i>F</i> .	1600	THRUX
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	DEPTH WT (ppg)	FUNNEL VISCOSITY (sec/qt)	PLASTIC VISCOSITY	YIELD POINT (Ib/100ft <sup>2</sup> )	GELS (1b/100ft <sup>2</sup> ) 0/10	pH (mi	TRATE /30 min)	Cake (32nd in)			Chioride (ppm)	Calcium (ppm)	Sand % by Vol.)	Solids (% by Vol.)	Oil Wi (% by (% Vol.) V	ater by (	Methy. Blue me/ml mud)			Circ. Volume (bbl)	REMARKS
7/4 0600 6	600 8.5	70 -			-						-									800	MAKE UP BAR-PRIM
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7/5 2410 6	600 85	78 -			•			34c-			**************************************				1000		-				BUBS W/ GUIDE BASE -
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#### DRILLING MUD RECAP

CONTRACTOR REPUBLICA GODAL MARINE OPERATOR NORSK Hydro		LEGAL	
Rig No. Poly Somme Driller Well Name 30/7-1A	Field Frigg	DESCRIPTION C	OUNTY NORTH SEA STATE NORWAY
Milchem Bergen Warehouse	Spud 3/1/75 No. Drilling Date 3/1/75 Days To T.D.	DATE T.D. REACHED	TOTAL TOTAL DEPTH COST \$
CASING PROGRAM BITS TYPE MUD SYSTEM	SOLIDS CONTROL EQUIPMENT	ADD	ITIONAL INFORMATION
1116 20 1 26 Seawater - Gec.  2 178	Depth Interval (ft)  Defasser-Weich  Desarder-Demo	Plump Specifications	Emsco - F-1600 TRIPLEX
	DCSIGER Demco SHAKER HUTCH-HAYS		
DATE   TIME   DEPTH (ft) (ppg)   FUNNEL   PLASTIC VISCOSITY   VISCOSITY (sec/qt)   (sec/qt)   OF   Cp @ OF   (lb/100ft²)   O/10   O/1	Cake Chloride Calcium Sa	nd Solids Oil Water Blue (maked)	Circ. Volume (bbi) REMARKS
13/7 1200 345 8.7 58 7.5 NC 14/7 1200 340 8.7 40 7.5 NC	12,000 280 TA	1 0 99	570 Cenerting 20"CSs.
147 1200 340 8.7 40	12,000 280 TA		570 RURT
\$17 0430 340 8.8 62 7.5 NC	12000 280 7		570 RUN STREET CST SAME
16/7 0500 434 9.142 75 NC	12500 260 6		1106 POUN PICK UP KELLY - MAKE
			UP BNA- RIH THE CMT -
			DRILL EMPTER S. WATER
2 1/2 / 22			TO REW AUGE SWITCH TO MA
12/2/1430 679 9.143 9.0 NC	15000 480 3.0	58 0 92	1104 Roam to 343 - 350m -
		:	DRILL WIMED TO 405
			sorvey- Circ 1 2000 mide-
	· · · · · · · · · · · · · · · · · · ·		Suite De North - DRICE TO
		<u> </u>	555 Fores Brown Profes
			THE COTTON OF SESSION
17/2 0/20 89-1 90 50 100 NO			72-48-30 S
1317 1030 89-4 900 50 100 NC	130% 480 6	3 0 92 24	Descent of wear, There will the way
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Milchem

#### DRILLING MUD RECAP

MILCHEM INCORPORATED / P. O. BOX 22111 / HOUSTON, TEXAS 77027 LEGAL Contractor RASHIUSE'N GUBAL MARINE OPERATOR NORSIL HUDRO **DESCRIPTION** Weil Name POLLY GLOWAR. OHSNORE STATE VORWAR And No. \_\_\_ COUNTY Milchem Milchem DATE T.D. No. Drilling Date 3 JULY 75 Days To T.D. TOTAL TOTAL BERGEN Warehouse REACHED DEPTH COST \$ CASING PROGRAM BITS TYPE MUD SYSTEM SOLIDS CONTROL EQUIPMENT ADDITIONAL INFORMATION Size (in) No. Size (in) Depth Interval (ft) Depth Interval (ft) Pump Specifications. D.P. and D.C. \_\_\_ FUNNEL PLASTIC FILTRATE Alkalinity DATE VISCOSITY VISCOSITY (1b/100ft²) pH DEPTH WT Sand Solids Oil Water (% by (% by Vol.) Vol.) Vol.) (mi/30 min) Circ. POINT Cake Blue (ft) (ppg) (sec/qt) Chloride Calcium Volume (32nd REMARKS (lb/100ft<sup>2</sup>) 0/10 (ppm) (1975) <del>ا</del> API@ HT-HP RIH TO FET-MIKLEM - RESIDEN CINCYCOND-POWN-LUST SUNTAL 747 80 38 20-7 0330 10 32 - - 2 .8 .4 - 11500 460 4 9 0 91 -\_ \_ \_ \_ DINH- PULL RISER - REPAIR COAR Pur Siren. Jump Divers TO UN TRUBLE WIRLY HOSE - No GO-PUR RISTR - MIX MUSTRIN BOODING 10 DOG LOW- MIX IN BOTHER 2400 949(718) 9.4 65 8.5 38 3 17,000 460 1.5 3 97 REAming + dry, Bridges 1500 991 9.0 55 Promity - Stack pipe 8.0 42 99 18500 440 ,75 0 1487 991 9,0 43 FISHING CHANILE & REPORTING 23-7 1400 7,5 54 16,500 380 5 0 99 1487 25-7 991 1900 45 1-2 10,5 5.8 19000 180 1.2 2 work over stuck pipe 0900 991 8.6 36 15 1-1 10.5 6.0 19,000 210 ,25 2 4 wash over stick pipe 7.100 3/8 10,0 6,V 441 8.6 57 12000 180 1.0 4 4 91 Tispino ne foois 650 05w /37/ 25 54 3/12 10,0 4,0 750 FISHING 1500, 180 ,50 3 1 1 LISHING . . PAA @ 137/