

<b>FLUID SAMPLE DATA</b>		Date 14-12-81	Ticket Number 046567
Sampler Pressure _____ P.S.I.G. at Surface	Kind of Job CASED HOLE APR	Halliburton District	NORWAY
Recovery: Cu. Ft. Gas _____	Tester WILLETT, GREEN, TENNANT,	Witness	R. PARISH
cc. Oil _____	Drilling Contractor	GLOBAL MARINE	
cc. Water _____	<b>EQUIPMENT &amp; HOLE DATA</b>		
cc. Mud _____	Formation Tested	82 RKB/SEA LEVELM	
Tot. Liquid cc. _____	Elevation	15M	
Gravity _____ ° API @ _____ °F.	Net Productive Interval	R.K.B.	
Gas/Oil Ratio _____ cu. ft./bbl.	All Depths Measured From	3946 5M	
RESISTIVITY _____	Total Depth	7"	
CHLORIDE CONTENT _____	Main Hole/Casing Size	7"	
Recovery Water _____ @ _____ °F. _____ ppm	Drill Collar Length	I.D. 2.25"	
Recovery Mud _____ @ _____ °F. _____ ppm	Drill Pipe Length	I.D. _____	
Recovery Mud Filtrate _____ @ _____ °F. _____ ppm	Packer Depth(s)	3883.48 Ft.	
Mud Pit Sample _____ @ _____ °F. _____ ppm	Depth Tester Valve	3876.67 Ft.	
Mud Pit Sample Filtrate _____ @ _____ °F. _____ ppm			
Mud Weight 12.2 vis _____ cp			

Cushion	TYPE H <sub>2</sub> O	AMOUNT 3876.67 <sup>M</sup>	Depth Back Pres. Valve	Surface Choke 42/64	Bottom Choke 1.99
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Recovered		Feet of			
Remarks	WELL HEAD AND PRODUCTION DATA BY OTIS.				
	CO <sub>2</sub> CONTENT AVERAGE 10%				

TEMPERATURE	Gauge No. 5634	Gauge No.	Gauge No.	TIME
	Depth: 3911.93 M	Depth: Ft.	Depth: Ft.	
Est. 270 °F.	14226 - 120 Hour Clock	Blanked Off	Blanked Off	Tool A.M. Opened P.M.
Actual 255 °F.	Pressures	Pressures	Pressures	Tool A.M. Closed P.M.
	Field Office	Field Office	Field Office	Reported Computed Minutes Minutes
Initial Hydrostatic	8259.13 8275			
First Period	Flow Initial	5965.60 5934		
	Flow Final	6790.24 6835		
	Closed in	6887.84 6948		8 7 87 91
Second Period	Flow Initial	6297.80 6355		
	Flow Final	6501.10 6552		
	Closed in	6871.54 6927		824 866 1348 1303
Third Period	Flow Initial			
	Flow Final			
	Closed in			
Final Hydrostatic	8275.33 -			

Legal Location Sec. - Twp. - Rng. Lease Name Well No. Field Area SLEIPNER Meq. From Tester Valve Tested Interval County NORTH SEA State NORWAY  
 OIL FIELD 3240  
 ESSO EXPLORATION + PRODUCTION NORWAY INC.  
 Lease Owner/Company Name

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp. \_\_\_\_\_ °F Ticket No. \_\_\_\_\_  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED \_\_\_\_\_

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
DEC 14						
1142						ENGAGE STYLUS ON 5634.
1215						BT CASE IN ROTARY - PICK UP TUBING.
1238						RUN GAUGES IN TUBING.
1311						PACKER THROUGH ROTARY.
1534						PRESSURE TEST BHA ON 1 STD. TUBING TO 7500 PSI.
DEC 15						
1557						ATTEMPT TO SET PACKER.
1604						ATTEMPT TO SET PACKER.
1630						ATTEMPT TO SET PACKER.
1707						ATTEMPT TO SET PACKER.
1737						ATTEMPT TO SET PACKER.
1830						RIG DOWN SURFACE EQUIPMENT AND PULL LANDING STRING.
2130						SET PACKER, UNSEAT PACKER.
2140						SET PACKER, UNSEAT PACKER.
2145						RIH W '5 STANDS TUBING.
2240						SET PACKER, UNSEAT PACKER, POOH 5 STDS.
2350						RUN LANDING STRING.
DEC 16						
0720						SET PACKER AT 3881.97 M.
0926						PRESSURE UP ON ANNULUS TO 1700 PSI TO OPEN APR-N TESTER VALVE NO INDICATION.
0935						bled off ANNULUS.
0941						PRESSURE UP ON ANNULUS TO 1700 PSI TO

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. \_\_\_\_\_  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
						OPEN APR-N, NO INDICATION.
0948						INCREASE ANNULUS TO 1800 PSI.
1005						INCREASE ANNULUS TO 2000 PSI.
						NO INDICATION.
1013						BLED OFF ANNULUS PRESSURE.
1025						PRESSURE UP ON TUBING 2000 PSI.
1035						REJAY DRILL PIPE TESTER VALVE.
1036						TUBING PRESSURE INCREASED TO 2400 PSI.
1040						RELANDED STRING.
1043						BLED OFF TUBING PRESSURE.
1051						PRESSURE UP ON ANNULUS TO 1700 PSI.
						TO OPEN APR-N TESTER VALVE.
1052			1145			TOOL OPEN.
1055		20/64	1065			FLOW WELL TO STOCK TANK.
1100						SHUT IN WELL AT CHOKE.
1101						BLED OFF ANNULUS, CLOSE APR-N.
1103						BLED OFF TUBING AT CHOKE.
1225						PRESSURE UP ON ANNULUS TO 1700 PSI.
						TO OPEN APR-N.
1226			1285			
1227		20/64				OPEN WELL AT CHOKE MANIFOLD.
1235		"	1214			
1236						CHANGE CHOKE TO 30/64.
1237		30/64	915			
1247		"	1507			GAS TO SURFACE (TRACES).
1302		"	3329			GAS TO SURFACE (BURNER IGNITED).

Casing perms. \_\_\_\_\_ Bottom choke \_\_\_\_\_ Surf. temp \_\_\_\_\_ °F Ticket No. \_\_\_\_\_  
 Gas gravity \_\_\_\_\_ Oil gravity \_\_\_\_\_ GOR \_\_\_\_\_  
 Spec. gravity \_\_\_\_\_ Chlorides \_\_\_\_\_ ppm Res. \_\_\_\_\_ @ \_\_\_\_\_ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED \_\_\_\_\_

Date Time	a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks
1310		40/64				CHANGE CHOKE
1311		30/64				CHANGE CHOKE.
1313		"	2787			
1318		32/64				CHANGE CHOKE TO 32/64 FIXED.
1320		"	2857			
1330		"	2885			
1400		"	2979			
1500		"	3035			
1600		"	3069			FLOW THROUGH SEPERATOR.
1700		"	3098	12.85	2288.42	
1800		"	3127	12.98	2241.74	
1900		"	3209	13.08	2256.00	
1946						CHANGE CHOKE TO 42/64.
2000		42/64	2550			
2100		"	2620	16.32	2598.24	
2200		"	2624	16.71	2454.40	
2300		"	2649	16.75	2706.12	
2400		"	2650	16.68		
DEC 17						
0100		"	2630	16.74	2555.52	
0200		"	2642	16.64	2759.04	
0211						bled off ANNULUS PRESSURE, CLOSE APR-N TESTER VALVE.
0213						SHUT IN AT CHOKE MANIFOLD.
2302						bled TUBING TO 800 PSI.
2318						LOAD TUBING WITH MUD.



DESCRIPTION	O.D.	I.D.	LENGTH	DEPTH
BOTTOM OF OTIS TREE				
X-OVER 4 $\frac{3}{8}$ 6 SA B X 3 $\frac{1}{2}$ TDS P				
3 $\frac{1}{2}$ TDS TUBINGX-OVER				
X-OVER 3 $\frac{1}{2}$ TDS B X 3 $\frac{1}{2}$ 4 SA P				
LUBRICATOR VALVE				
X-OVER 4 $\frac{1}{2}$ SA B X 3 $\frac{1}{2}$ TDS P				
3 $\frac{1}{2}$ TDS TUBING				
X-OVER 3 $\frac{1}{2}$ TDS B X 4 $\frac{1}{2}$ 4 SA P				
SUB SEA TEST TREE				
BOTTOM FLUTED HANGER				
X-OVER 4 $\frac{1}{2}$ SA B X 3 $\frac{1}{2}$ TDS P				
3 $\frac{1}{2}$ TDS TUBING				
X-OVER 3 $\frac{1}{2}$ TDS B X 3 $\frac{1}{2}$ IF P			.40	3627.36
SLIP JOINT (OPEN)	5.00	2.25	5.54	3627.90
SLIP JOINT (CLOSED)	5.00	2.25	4.02	3631.92
DRILL COLLARS	4.75	2.25	171.10	3803.02
X-OVER 3 $\frac{1}{2}$ IF B X 2 $\frac{3}{8}$ EUE P	4.75	2.50	.23	3803.25
RTTS CIRCULATING VALVE	4.62	2.44	.99	3804.24
X-OVER 2 $\frac{7}{8}$ EUE B X 3 $\frac{1}{2}$ IF P	4.75	2.62	.20	3804.44
DRILL COLLARS	4.75	2.25	28.51	3832.95
SLIP JOINT (CLOSED)	5.00	2.25	4.02	3836.97
SLIP JOINT (CLOSED)	5.00	2.25	4.02	3840.99
DRILL COLLARS	4.75	2.25	28.51	2869.50
APR-M SAFETY REV. VALVE	5.00	2.25	1.85	3871.35
DRILL PIPE TESTER VALVE	5.00	2.25	1.43	3872.78
APR-N TESTER VALVE	5.00	2.25	3.89	3876.67
FUL-FLO HYDROSPRING BY-PASS	4.73	2.25	2.08	3878.75
BIG JOHN JARS	4.63	2.25	1.58	3880.33
SAFETY JOINT	4.87	2.37	.82	3881.15
RTTS PACKER ABOVE	5.75	2.99	.51	3881.97
BELOW	5.75	1.99	.82	3882.48
X-OVER 2 $\frac{7}{8}$ EUE P X P			.17	3882.65
PERFORATED TUBING			9.05	3891.70
XN NIPPLE W/X-OVERS			.89	3892.59
2 $\frac{7}{8}$ EUE TUBING			18.57	3911.16
BT RUNNING CASE			1.77	3912.93

COMPANY: ESSO  
TICKET NO: HD46567  
GAUGE NO: 5634

1ST FLOW ----- 2, 2 MINUTE INTERVALS. LAST INTERVAL= 3 MINS.  
----- TOTAL 7 MINUTES

	TIME		PRESSURE		DELTA P
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG	
P0	0	.000	1.432	5934	0
P1	2	.001	1.682	6944	1010
P2	4	.002	1.682	6944	0
P3	7	.004	1.655	6835	109

COMPANY: ESSO  
 TICKET NO: HD46567  
 GAUGE NO: 5634

1ST CLOSURE 17, 5 MINUTE INTERVALS. LAST INTERVAL= 6 MINS.  
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 TOTAL 91 MINUTES

	TIME		PRESSURE		DELTA P	LOG T+0/0
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG		
P0	0	.000	1.655	6835	0	
P1	5	.003	1.681	6940	105	.3680
P2	10	.006	1.683	6948	8	.2218
P3	15	.008	1.683	6948	0	.1761
P4	20	.011	1.683	6948	0	.1347
P5	25	.014	1.683	6948	0	.1091
P6	30	.017	1.683	6948	0	.0918
P7	35	.020	1.683	6948	0	.0792
P8	40	.022	1.683	6948	0	.0726
P9	45	.025	1.683	6948	0	.0645
P10	50	.028	1.683	6948	0	.0580
P11	55	.031	1.683	6948	0	.0527
P12	60	.034	1.683	6948	0	.0483
P13	65	.036	1.683	6948	0	.0458
P14	70	.039	1.683	6948	0	.0424
P15	75	.042	1.683	6948	0	.0395
P16	80	.045	1.683	6948	0	.0370
P17	85	.048	1.683	6948	0	.0348
P18	91	.051	1.683	6948	0	.0328



COMPANY: ESSO  
 TICKET NO: HD46567  
 GAUGE NO: 5634

ZND FLOW

86, 10 MINUTE INTERVALS. LAST INTERVAL= 6 MINS.  
 TOTAL 866 MINUTES

	TIME		PRESSURE		
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG	DELTA P
P0	0	.000	1.536	6355	0
P1	10	.006	1.640	6774	419
P2	20	.011	1.594	6589	185
P3	30	.017	1.594	6589	0
P4	40	.022	1.591	6577	12
P5	50	.028	1.638	6766	189
P6	60	.034	1.551	6415	351
P7	70	.039	1.573	6504	89
P8	80	.045	1.576	6516	12
P9	90	.050	1.578	6524	8
P10	100	.056	1.579	6528	4
P11	110	.062	1.581	6536	8
P12	120	.067	1.583	6544	8
P13	130	.073	1.584	6548	4
P14	140	.079	1.585	6552	4
P15	150	.084	1.585	6552	0
P16	160	.090	1.586	6556	4
P17	170	.095	1.587	6560	4
P18	180	.101	1.588	6565	5
P19	190	.107	1.589	6569	4
P20	200	.112	1.589	6569	0
P21	210	.118	1.589	6569	0
P22	220	.123	1.590	6573	4
P23	230	.129	1.590	6573	0
P24	240	.135	1.591	6577	4
P25	250	.140	1.591	6577	0
P26	260	.146	1.592	6581	4
P27	270	.151	1.592	6581	0
P28	280	.157	1.592	6581	0
P29	290	.163	1.594	6589	8
P30	300	.168	1.594	6589	0
P31	310	.174	1.594	6589	0
P32	320	.180	1.594	6589	0
P33	330	.185	1.595	6593	4
P34	340	.191	1.595	6593	0
P35	350	.196	1.595	6593	0
P36	360	.202	1.596	6597	4
P37	370	.208	1.596	6597	0
P38	380	.213	1.596	6597	0
P39	390	.219	1.596	6597	0
P40	400	.224	1.596	6597	0
P41	410	.230	1.598	6605	8
P42	420	.236	1.598	6605	0

COMPANY: ESSO  
 TICKET NO: HD46567  
 GAUGE NO: 5634

ZND FLOW CONTINUED

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	TIME		PRESSURE		DELTA P
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG	
P43	430	.241	1.598	6605	0
P44	440	.247	1.598	6605	0
P45	450	.252	1.598	6605	0
P46	460	.258	1.598	6605	0
P47	470	.264	1.587	6560	45
P48	480	.269	1.602	6621	61
P49	490	.275	1.576	6516	105
P50	500	.281	1.578	6524	8
P51	510	.286	1.578	6524	0
P52	520	.292	1.579	6528	4
P53	530	.297	1.579	6528	0
P54	540	.303	1.579	6528	0
P55	550	.309	1.579	6528	0
P56	560	.314	1.579	6528	0
P57	570	.320	1.579	6528	0
P58	580	.325	1.579	6528	0
P59	590	.331	1.581	6536	8
P60	600	.337	1.581	6536	0
P61	610	.342	1.581	6536	0
P62	620	.348	1.581	6536	0
P63	630	.353	1.581	6536	0
P64	640	.359	1.582	6540	4
P65	650	.365	1.582	6540	0
P66	660	.370	1.582	6540	0
P67	670	.376	1.582	6540	0
P68	680	.382	1.582	6540	0
P69	690	.387	1.583	6544	4
P70	700	.393	1.583	6544	0
P71	710	.398	1.583	6544	0
P72	720	.404	1.583	6544	0
P73	730	.410	1.583	6544	0
P74	740	.415	1.583	6544	0
P75	750	.421	1.583	6544	0
P76	760	.426	1.583	6544	0
P77	770	.432	1.583	6544	0
P78	780	.438	1.583	6544	0
P79	790	.443	1.584	6548	4
P80	800	.449	1.584	6548	0
P81	810	.454	1.584	6548	0
P82	820	.460	1.584	6548	0
P83	830	.466	1.585	6552	4
P84	840	.471	1.585	6552	0
P85	850	.477	1.585	6552	0

COMPANY: ESSO  
TICKET NO: HD46567  
GAUGE NO: 5634

2ND FLOW CONTINUED

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	TIME		PRESSURE		DELTA P
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG	
P86	860	.483	1.585	6552	0
P87	866	.486	1.585	6552	0

COMPANY: ESSO  
 TICKET NO: H046567  
 GAUGE NO: 5634

2ND CLOSURE

86, 15 MINUTE INTERVALS. LAST INTERVAL= 13 MINS.  
 TOTAL 1303 MINUTES

	TIME		PRESSURE		DELTA P	LOG T+0/0
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG		
P0	0	.000	1.585	6552	0	
P1	15	.008	1.673	6907	355	1.7941
P2	30	.017	1.675	6915	8	1.4740
P3	45	.025	1.675	6915	0	1.3139
P4	60	.034	1.676	6919	4	1.1879
P5	75	.042	1.676	6919	0	1.1021
P6	90	.050	1.676	6919	0	1.0334
P7	105	.059	1.676	6919	0	.9681
P8	120	.067	1.676	6919	0	.9190
P9	135	.076	1.676	6919	0	.8721
P10	150	.084	1.676	6919	0	.8340
P11	165	.093	1.676	6919	0	.7971
P12	180	.101	1.676	6919	0	.7671
P13	195	.109	1.676	6919	0	.7401
P14	210	.118	1.677	6923	4	.7121
P15	225	.126	1.677	6923	0	.6891
P16	240	.135	1.677	6923	0	.6651
P17	255	.143	1.677	6923	0	.6461
P18	270	.151	1.677	6923	0	.6271
P19	285	.160	1.677	6923	0	.6081
P20	300	.168	1.677	6923	0	.5921
P21	315	.177	1.677	6923	0	.5761
P22	330	.185	1.677	6923	0	.5621
P23	345	.194	1.677	6923	0	.5471
P24	360	.202	1.677	6923	0	.5341
P25	375	.210	1.677	6923	0	.5221
P26	390	.219	1.677	6923	0	.5101
P27	405	.227	1.677	6923	0	.4991
P28	420	.236	1.677	6923	0	.4881
P29	435	.244	1.677	6923	0	.4781
P30	450	.252	1.677	6923	0	.4691
P31	465	.261	1.677	6923	0	.4591
P32	480	.269	1.677	6923	0	.4501
P33	495	.278	1.677	6923	0	.4411
P34	510	.286	1.677	6923	0	.4331
P35	525	.295	1.677	6923	0	.4251
P36	540	.303	1.677	6923	0	.4171
P37	555	.311	1.677	6923	0	.4101
P38	570	.320	1.677	6923	0	.4031
P39	585	.328	1.677	6923	0	.3961
P40	600	.337	1.678	6927	4	.3891
P41	615	.345	1.678	6927	0	.3831
P42	630	.353	1.678	6927	0	.3781

COMPANY: ESSO  
 TICKET NO: HD46567  
 GAUGE NO: 5634

## ZND CLOSURE CONTINUED

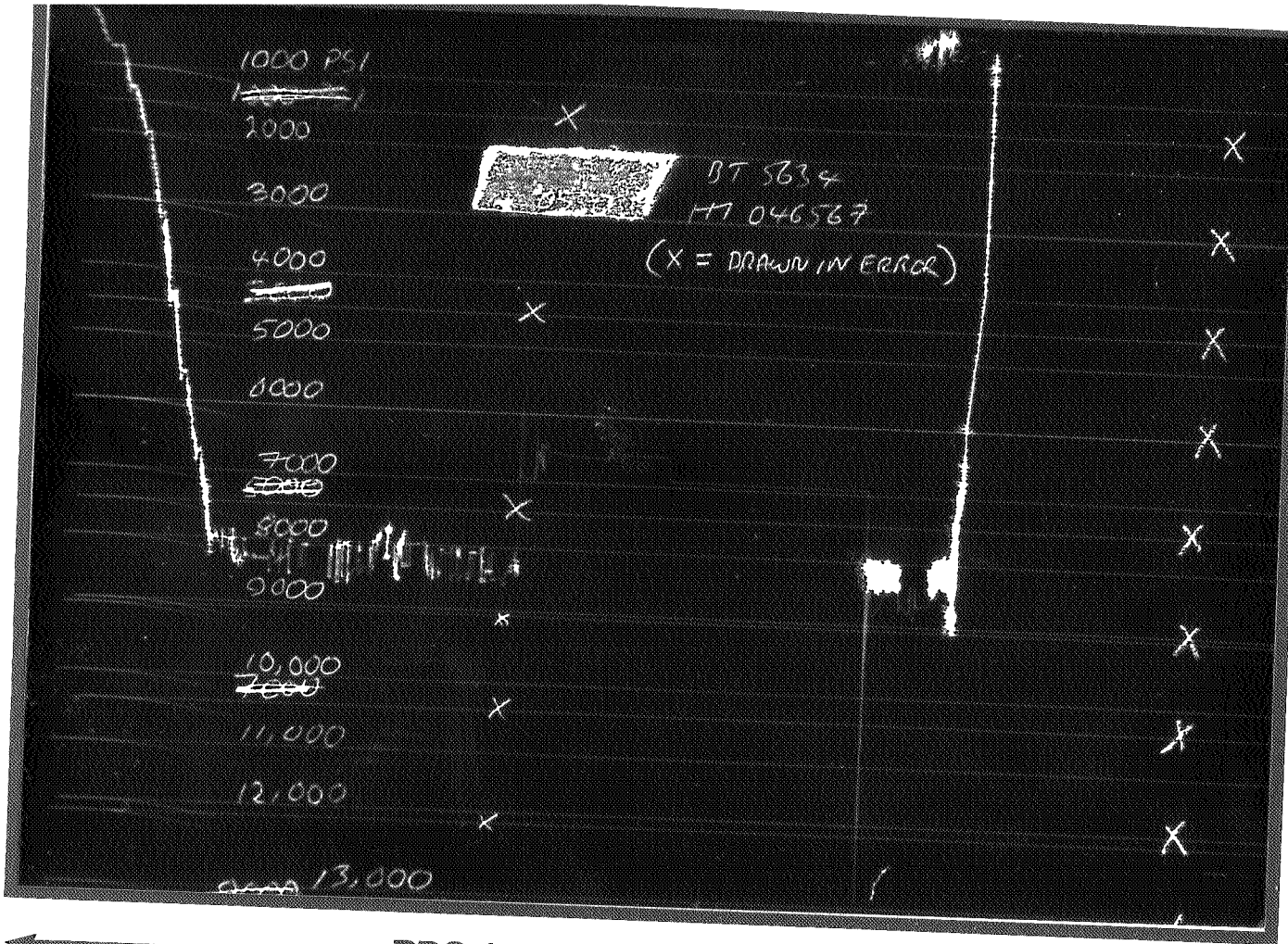
	TIME		PRESSURE		DELTA P	LOG T+0/0
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG		
P43	645	.362	1.678	6927	0	.3717
P44	660	.370	1.678	6927	0	.3663
P45	675	.379	1.678	6927	0	.3604
P46	690	.387	1.678	6927	0	.3553
P47	705	.396	1.678	6927	0	.3497
P48	720	.404	1.678	6927	0	.3450
P49	735	.412	1.678	6927	0	.3403
P50	750	.421	1.678	6927	0	.3352
P51	765	.429	1.678	6927	0	.3309
P52	780	.438	1.678	6927	0	.3261
P53	795	.446	1.678	6927	0	.3219
P54	810	.454	1.678	6927	0	.3179
P55	825	.463	1.678	6927	0	.3135
P56	840	.471	1.678	6927	0	.3097
P57	855	.480	1.678	6927	0	.3055
P58	870	.488	1.678	6927	0	.3019
P59	885	.497	1.678	6927	0	.2980
P60	900	.505	1.678	6927	0	.2945
P61	915	.513	1.678	6927	0	.2912
P62	930	.522	1.678	6927	0	.2875
P63	945	.530	1.678	6927	0	.2843
P64	960	.539	1.678	6927	0	.2808
P65	975	.547	1.678	6927	0	.2778
P66	990	.555	1.678	6927	0	.2748
P67	1005	.564	1.678	6927	0	.2716
P68	1020	.572	1.678	6927	0	.2687
P69	1035	.581	1.678	6927	0	.2656
P70	1050	.589	1.678	6927	0	.2629
P71	1065	.598	1.678	6927	0	.2599
P72	1080	.606	1.678	6927	0	.2573
P73	1095	.614	1.678	6927	0	.2548
P74	1110	.623	1.678	6927	0	.2520
P75	1125	.631	1.678	6927	0	.2496
P76	1140	.640	1.678	6927	0	.2469
P77	1155	.648	1.678	6927	0	.2446
P78	1170	.656	1.678	6927	0	.2423
P79	1185	.665	1.678	6927	0	.2398
P80	1200	.673	1.678	6927	0	.2376
P81	1215	.682	1.678	6927	0	.2351
P82	1230	.690	1.678	6927	0	.2330
P83	1245	.699	1.678	6927	0	.2307
P84	1260	.707	1.678	6927	0	.2287
P85	1275	.715	1.678	6927	0	.2267

COMPANY: ESSO  
TICKET NO: HD46567  
GAUGE NO: 5634

## ZND CLOSURE CONTINUED

	TIME			PRESSURE		LOG T+0/0
	MINUTES	INCHES DEFL.	INCHES DEFL.	PSIG	DELTA P	
P86	1290	.724	1.678	6927	0	.2245
P87	1303	.731	1.678	6927	0	.2228

Pressure



# Nomenclature

<b>b</b>	= Approximate Radius of Investigation	..... Feet
<b>b<sub>1</sub></b>	= Approximate Radius of Investigation (Net Pay Zone h <sub>1</sub> )	..... Feet
<b>D.R.</b>	= Damage Ratio	..... ———
<b>EI</b>	= Elevation	..... Feet
<b>GD</b>	= B.T. Gauge Depth (From Surface Reference)	..... Feet
<b>h</b>	= Interval Tested	..... Feet
<b>h<sub>1</sub></b>	= Net Pay Thickness	..... Feet
<b>K</b>	= Permeability	..... md
<b>K<sub>1</sub></b>	= Permeability (From Net Pay Zone h <sub>1</sub> )	..... md
<b>m</b>	= Slope Extrapolated Pressure Plot (Psi <sup>2</sup> /cycle Gas)	..... psi/cycle
<b>OF<sub>1</sub></b>	= Maximum Indicated Flow Rate	..... MCF/D
<b>OF<sub>2</sub></b>	= Minimum Indicated Flow Rate	..... MCF/D
<b>OF<sub>3</sub></b>	= Theoretical Open Flow Potential with /Damage Removed Max.	..... MCF/D
<b>OF<sub>4</sub></b>	= Theoretical Open Flow Potential with/Damage Removed Min.	..... MCF/D
<b>P<sub>s</sub></b>	= Extrapolated Static Pressure	..... Psig.
<b>P<sub>f</sub></b>	= Final Flow Pressure	..... Psig.
<b>P<sub>ot</sub></b>	= Potentiometric Surface (Fresh Water*)	..... Feet
<b>Q</b>	= Average Adjusted Production Rate During Test	..... bbls/day
<b>Q<sub>1</sub></b>	= Theoretical Production w/Damage Removed	..... bbls/day
<b>Q<sub>g</sub></b>	= Measured Gas Production Rate	..... MCF/D
<b>R</b>	= Corrected Recovery	..... bbls
<b>r<sub>w</sub></b>	= Radius of Well Bore	..... Feet
<b>t</b>	= Flow Time	..... Minutes
<b>t<sub>o</sub></b>	= Total Flow Time	..... Minutes
<b>T</b>	= Temperature Rankine	..... °R
<b>Z</b>	= Compressibility Factor	..... ———
<b>μ</b>	= Viscosity Gas or Liquid	..... CP
<b>Log</b>	= Common Log	

\*Potentiometric Surface Reference to Rotary Table When Elevation Not Given,  
Fresh Water Corrected to 100° F.