

RELEASED

JAN 29 1999

DST REPORT

FROM CONFIDENTIAL

GENERAL INFORMATION

ORIGINAL CONFIDENTIAL 15-071-20679

DATE : 11-01-1997  
 CUSTOMER : RED OAK ENERGY INC.  
 WELL : 1-26 TEST: 1  
 ELEVATION: 3826 K.B.  
 SECTION : 26  
 RANGE : 42W COUNTY: GREELEY  
 GAUGE SN#: 11018 RANGE : 4425

TICKET : 22635  
 LEASE : KRIS  
 GEOLOGIST: SCOTT BANKS  
 FORMATION: MORROW  
 TOWNSHIP : 16S  
 STATE : KS  
 CLOCK : 12 HR.

KCC  
 DEC 1 6  
 CONFIDENTIAL

WELL INFORMATION

PERFORATION INTERVAL FROM: 4970.00 ft TO: 5140.00 ft TVD: 5240.0 ft  
 DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
 DEPTH OF RECORDERS: 4973.0 ft 4983.0 ft  
 TEMPERATURE: 125.0

DRILL COLLAR LENGTH:	0.0 ft	I.D.:	0.000 in
WEIGHT PIPE LENGTH :	60.0 ft	I.D.:	2.700 in
DRILL PIPE LENGTH :	4884.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	26.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	170.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	0.750 in	BOTTOM CHOKE SIZE:	0.750 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5 XH
PACKER DEPTH:	4965.0 ft	SIZE:	6.630 in
PACKER DEPTH:	4970.0 ft	SIZE:	6.630 in
PACKER DEPTH:	5140.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. :	ABERCROMBIE RIG #4	VISCOSITY :	71.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	8.400 cc
WEIGHT :	9.400 ppg	SERIAL NUMBER:	12369
CHLORIDES :	4400 ppm	REVERSED OUT?:	NO
JARS-MAKE :	W.T.C.		
DID WELL FLOW?:	NO		

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK BLOW DIED IN 15 MINS.  
 FINAL FLOW PERIOD NO BLOW -FLUSHED TOOL-WEAK BLOW

RECEIVED

2001 2 5 HAL

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
180.0	0.0	0.0	0.0	100.0	DRILLING MUD WITH SPOTS
0.0	0.0	0.0	0.0	0.0	OF OIL IN TOOL

RATE INFORMATION

OIL VOLUME:	0.0000 STB	TOTAL FLOW TIME:	60.0000 min.
GAS VOLUME:	0.0000 SCF	AVERAGE OIL RATE:	0.0000 STB/D
MUD VOLUME:	2.1080 STB	AVERAGE WATER RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB		
TOTAL FLUID :	2.1080 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2420.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	210.00	210.00
INITIAL SHUT-IN	30.00		570.00
FINAL FLOW	30.00	228.00	228.00
FINAL SHUT-IN	30.00		536.00

FINAL HYDROSTATIC PRESSURE: 2390.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2431.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	199.83	181.33
INITIAL SHUT-IN	30.00		646.03
FINAL FLOW	30.00	187.81	186.88
FINAL SHUT-IN	30.00		550.24

FINAL HYDROSTATIC PRESSURE: 2399.00

Company: RED OAK ENERGY INC.  
Well: KRISS #1-26 DST #1  
Field: TKT #22635

[Saturday: Nov. 1, 1997]  
Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
-----				
START FLOW 1				
1	0	0: 3: 0	0.0000	199.83
6	0	0: 3:36	0.0100	199.83
11	0	0: 4:12	0.0200	190.58
16	0	0: 4:48	0.0300	185.03
21	0	0: 5:24	0.0400	185.03
26	0	0: 6: 0	0.0500	185.03
31	0	0: 6:36	0.0599	185.03
36	0	0: 7:12	0.0699	177.63
41	0	0: 7:48	0.0799	177.63
46	0	0: 8:24	0.0899	177.63
51	0	0: 9: 0	0.0999	177.63
56	0	0: 9:36	0.1099	177.63
61	0	0:10:11	0.1199	175.78
66	0	0:10:47	0.1299	175.78
71	0	0:11:23	0.1399	175.78
76	0	0:11:59	0.1499	175.78
81	0	0:12:35	0.1599	175.78
86	0	0:13:11	0.1699	173.93
91	0	0:13:47	0.1798	173.93
96	0	0:14:23	0.1898	173.93
101	0	0:14:59	0.1998	173.93
106	0	0:15:35	0.2098	173.93
111	0	0:16:11	0.2198	173.93
116	0	0:16:47	0.2298	172.08
121	0	0:17:23	0.2398	172.08
126	0	0:17:59	0.2498	172.08
131	0	0:18:35	0.2598	172.08
136	0	0:19:11	0.2698	172.08
141	0	0:19:47	0.2798	170.23
146	0	0:20:23	0.2898	170.23
151	0	0:20:59	0.2998	170.23
156	0	0:21:35	0.3097	170.23
161	0	0:22:11	0.3197	170.23
166	0	0:22:47	0.3297	170.23
171	0	0:23:23	0.3397	170.23
176	0	0:23:59	0.3497	170.23
181	0	0:24:35	0.3597	170.23
186	0	0:25:11	0.3697	170.23
191	0	0:25:47	0.3797	170.23
196	0	0:26:23	0.3897	170.23
201	0	0:26:59	0.3997	170.23
206	0	0:27:35	0.4097	172.08
211	0	0:28:11	0.4197	172.08
216	0	0:28:47	0.4296	172.08
221	0	0:29:23	0.4396	172.08
226	0	0:29:58	0.4496	172.08
231	0	0:30:34	0.4596	172.08
236	0	0:31:10	0.4696	173.93
241	0	0:31:46	0.4796	173.93
246	0	0:32:22	0.4896	173.93
251	0	0:32:58	0.4996	176.70
256	0	0:33:34	0.5096	179.48
261	0	0:34:10	0.5196	181.33
266	0	0:34:46	0.5296	181.33

Company: RED OAK ENERGY INC.  
 Well: KRISS #1-26 DST #1  
 Field: TKT #22635

[Saturday: Nov. 1, 1997]  
 Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
END FLOW 1				
START SHUTIN 1				
269	0	0:35: 8	0.5355	183.18
271	0	0:35:22	0.5396	189.66
276	0	0:35:58	0.5495	192.43
281	0	0:36:34	0.5595	205.38
286	0	0:37:10	0.5695	214.64
291	0	0:37:46	0.5795	223.89
296	0	0:38:22	0.5895	233.14
301	0	0:38:58	0.5995	247.02
306	0	0:39:34	0.6095	255.34
311	0	0:40:10	0.6195	273.85
316	0	0:40:46	0.6295	283.10
321	0	0:41:22	0.6395	296.05
326	0	0:41:58	0.6495	310.85
331	0	0:42:34	0.6594	321.95
336	0	0:43:10	0.6694	331.21
341	0	0:43:46	0.6794	342.31
346	0	0:44:22	0.6894	353.41
351	0	0:44:58	0.6994	368.21
356	0	0:45:34	0.7094	375.61
361	0	0:46:10	0.7194	392.27
366	0	0:46:46	0.7294	403.37
371	0	0:47:22	0.7394	420.02
376	0	0:47:58	0.7494	427.42
381	0	0:48:34	0.7594	436.67
386	0	0:49:10	0.7694	449.63
391	0	0:49:46	0.7793	460.73
396	0	0:50:21	0.7893	464.43
401	0	0:50:57	0.7993	481.08
406	0	0:51:33	0.8093	494.03
411	0	0:52: 9	0.8193	511.56
416	0	0:52:45	0.8293	514.32
421	0	0:53:21	0.8393	534.59
426	0	0:53:57	0.8493	541.95
431	0	0:54:33	0.8593	554.85
436	0	0:55: 9	0.8693	564.06
441	0	0:55:45	0.8793	575.11
446	0	0:56:21	0.8893	584.32
451	0	0:56:57	0.8992	596.30
456	0	0:57:33	0.9092	604.59
461	0	0:58: 9	0.9192	612.88
466	0	0:58:45	0.9292	621.17
471	0	0:59:21	0.9392	629.46
476	0	0:59:57	0.9492	635.90
481	0	1: 0:33	0.9592	641.43
486	0	1: 1: 9	0.9692	646.03
END SHUTIN 1				
START FLOW 2				
FLUSHED TOOL				
491	0	1: 1:45	0.9792	187.81
496	0	1: 2:21	0.9892	1132.69
501	0	1: 2:57	0.9992	2192.61
506	0	1: 3:33	1.0092	2187.98
511	0	1: 4: 9	1.0192	224.81

Company: RED OAK ENERGY INC.  
Well: KRISS #1-26 DST #1  
Field: TKT #22635

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
516	0	1: 4:45	1.0291	218.34
521	0	1: 5:21	1.0391	210.01
526	0	1: 5:57	1.0491	205.38
531	0	1: 6:33	1.0591	203.53
536	0	1: 7: 9	1.0691	201.68
541	0	1: 7:45	1.0791	197.98
546	0	1: 8:21	1.0891	196.13
551	0	1: 8:57	1.0991	194.28
556	0	1: 9:33	1.1091	191.51
561	0	1:10: 9	1.1191	190.58
566	0	1:10:44	1.1291	190.58
571	0	1:11:20	1.1391	190.58
576	0	1:11:56	1.1490	189.66
581	0	1:12:32	1.1590	188.73
586	0	1:13: 8	1.1690	187.81
591	0	1:13:44	1.1790	187.81
596	0	1:14:20	1.1890	186.88
601	0	1:14:56	1.1990	186.88
606	0	1:15:32	1.2090	186.88
611	0	1:16: 8	1.2190	186.88
616	0	1:16:44	1.2290	186.88
621	0	1:17:20	1.2390	186.88
626	0	1:17:56	1.2490	185.96
631	0	1:18:32	1.2589	185.96
636	0	1:19: 8	1.2689	185.03
641	0	1:19:44	1.2789	185.03
646	0	1:20:20	1.2889	185.03
651	0	1:20:56	1.2989	185.03
656	0	1:21:32	1.3089	185.03
661	0	1:22: 8	1.3189	185.03
666	0	1:22:44	1.3289	185.03
671	0	1:23:20	1.3389	184.11
676	0	1:23:56	1.3489	184.11
681	0	1:24:32	1.3589	184.11
686	0	1:25: 8	1.3689	184.11
691	0	1:25:44	1.3788	184.11
696	0	1:26:20	1.3888	184.11
701	0	1:26:56	1.3988	184.11
706	0	1:27:32	1.4088	184.11
711	0	1:28: 8	1.4188	184.11
716	0	1:28:44	1.4288	184.11
721	0	1:29:20	1.4388	184.11
726	0	1:29:55	1.4488	184.11
731	0	1:30:31	1.4588	185.03
736	0	1:31: 7	1.4688	185.03
741	0	1:31:43	1.4788	185.03
746	0	1:32:19	1.4888	185.96
751	0	1:32:55	1.4987	186.88
756	0	1:33:31	1.5087	186.88
		END FLOW 2		
		START SHUTIN 2		
758	0	1:33:46	1.5127	187.81
761	0	1:34: 7	1.5187	187.81
766	0	1:34:43	1.5287	189.66
771	0	1:35:19	1.5387	191.51

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Well: KRISS #1-26 DST #1  
Field: TKT #22635

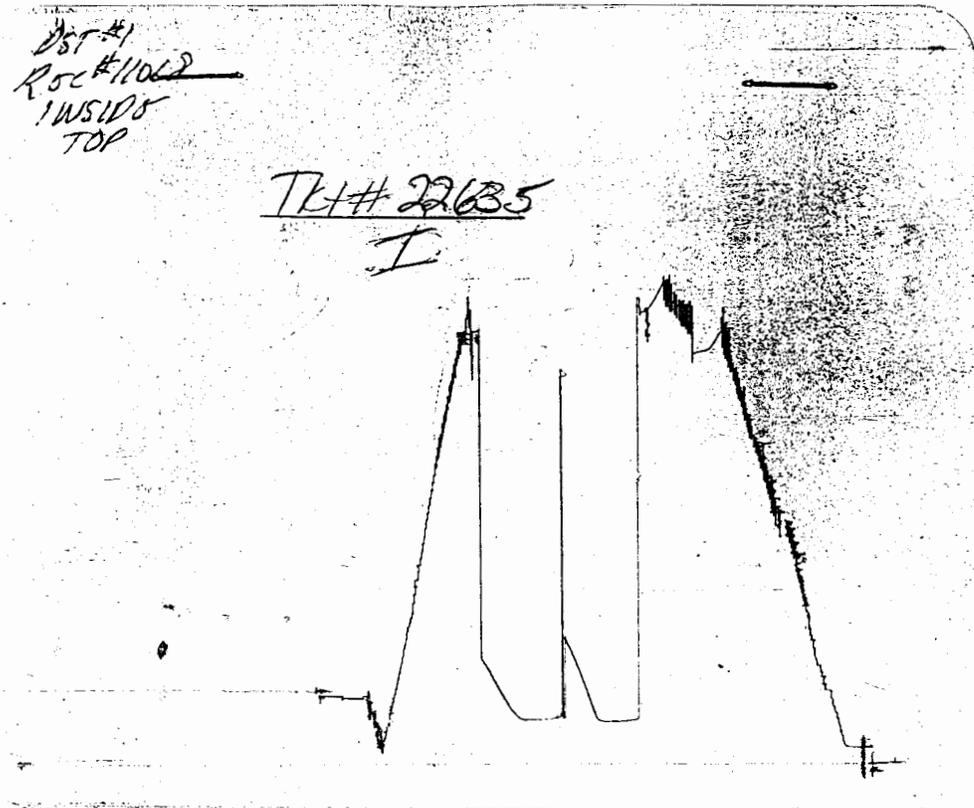
[Saturday: Nov. 1, 1997]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
776	0	1:35:55	1.5487	193.36
781	0	1:36:31	1.5587	195.21
786	0	1:37: 7	1.5687	198.91
791	0	1:37:43	1.5787	203.53
796	0	1:38:19	1.5887	206.31
801	0	1:38:55	1.5987	210.94
806	0	1:39:31	1.6087	215.56
811	0	1:40: 7	1.6186	221.11
816	0	1:40:43	1.6286	225.74
821	0	1:41:19	1.6386	231.29
826	0	1:41:55	1.6486	235.91
831	0	1:42:31	1.6586	240.54
836	0	1:43: 7	1.6686	247.02
841	0	1:43:43	1.6786	255.34
846	0	1:44:19	1.6886	262.74
851	0	1:44:55	1.6986	270.15
856	0	1:45:31	1.7086	276.62
861	0	1:46: 7	1.7186	283.10
866	0	1:46:43	1.7286	290.50
871	0	1:47:19	1.7385	298.83
876	0	1:47:55	1.7485	306.23
881	0	1:48:31	1.7585	316.40
886	0	1:49: 7	1.7685	323.80
891	0	1:49:43	1.7785	331.21
896	0	1:50:18	1.7885	337.68
901	0	1:50:54	1.7985	345.08
906	0	1:51:30	1.8085	352.48
911	0	1:52: 6	1.8185	362.66
916	0	1:52:42	1.8285	370.99
921	0	1:53:18	1.8385	379.31
926	0	1:53:54	1.8485	387.64
931	0	1:54:30	1.8584	393.19
936	0	1:55: 6	1.8684	401.52
941	0	1:55:42	1.8784	410.77
946	0	1:56:18	1.8884	419.10
951	0	1:56:54	1.8984	424.65
956	0	1:57:30	1.9084	435.75
961	0	1:58: 6	1.9184	444.07
966	0	1:58:42	1.9284	452.40
971	0	1:59:18	1.9384	460.73
976	0	1:59:54	1.9484	468.13
981	0	2: 0:30	1.9584	474.60
986	0	2: 1: 6	1.9684	482.93
991	0	2: 1:42	1.9784	491.26
996	0	2: 2:18	1.9883	496.81
1001	0	2: 2:54	1.9983	503.27
1006	0	2: 3:30	2.0083	509.72
1011	0	2: 4: 6	2.0183	516.16
1016	0	2: 4:42	2.0283	523.53
1021	0	2: 5:18	2.0383	529.98
1026	0	2: 5:54	2.0483	536.43
1031	0	2: 6:30	2.0583	544.72
1036	0	2: 7: 6	2.0683	550.24

WESTERN TESTING CO., INC.

DST #1  
ROC #11062  
INSIDE  
TOP

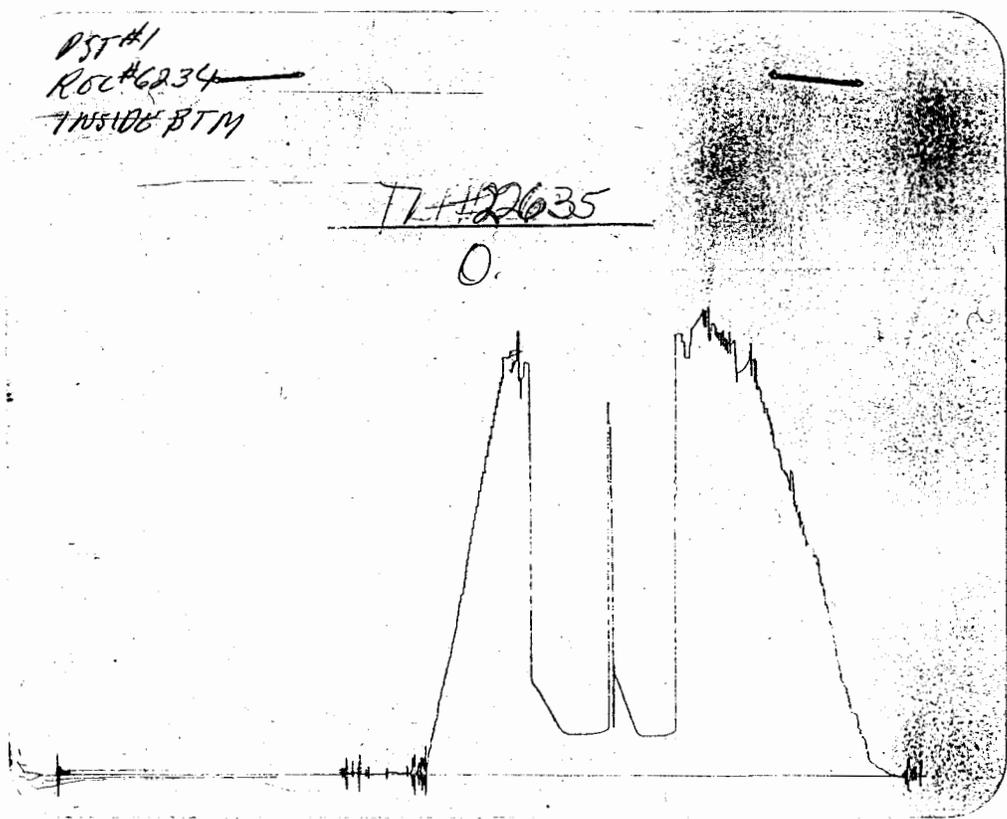
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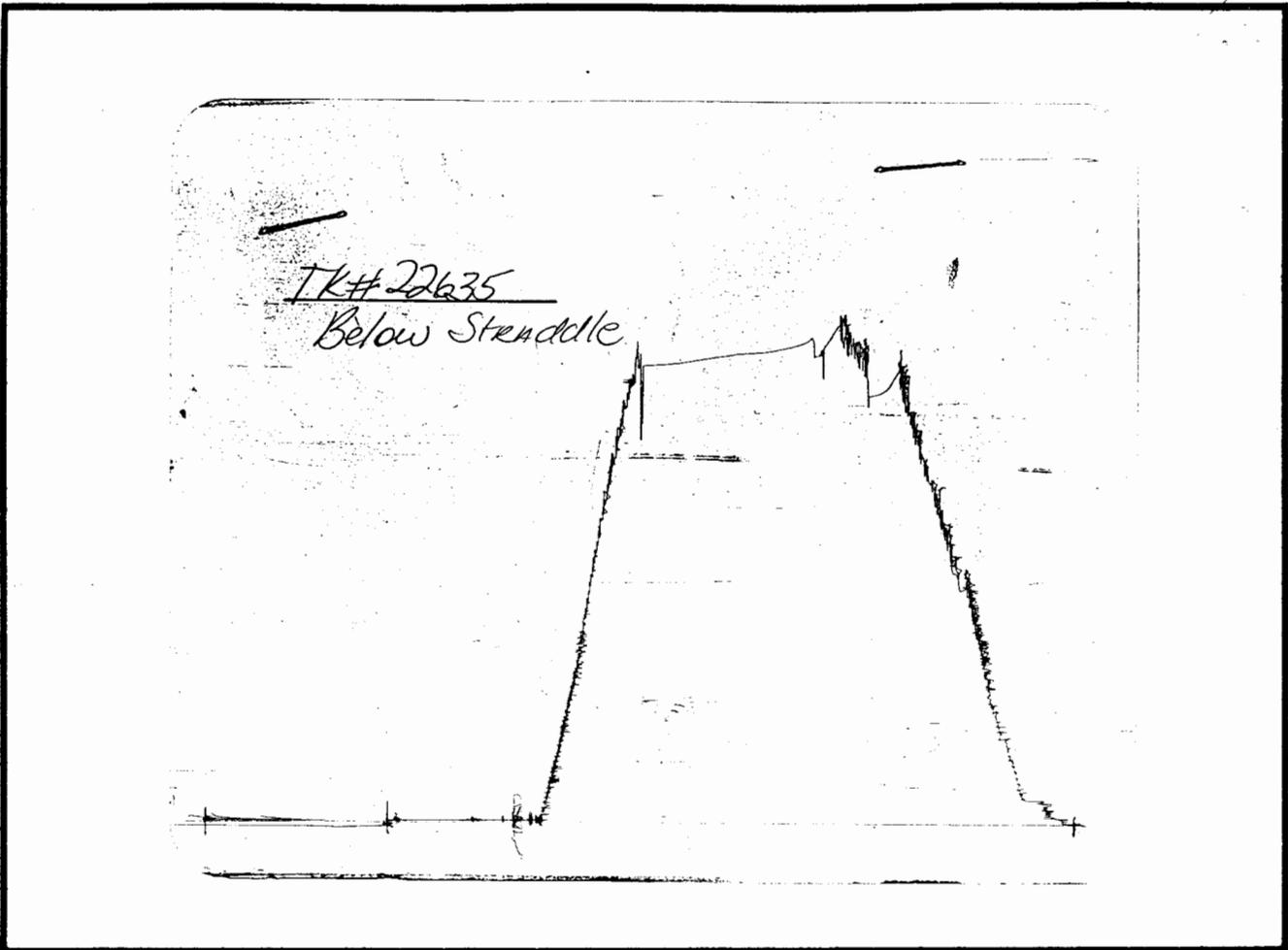


Inside Recorder

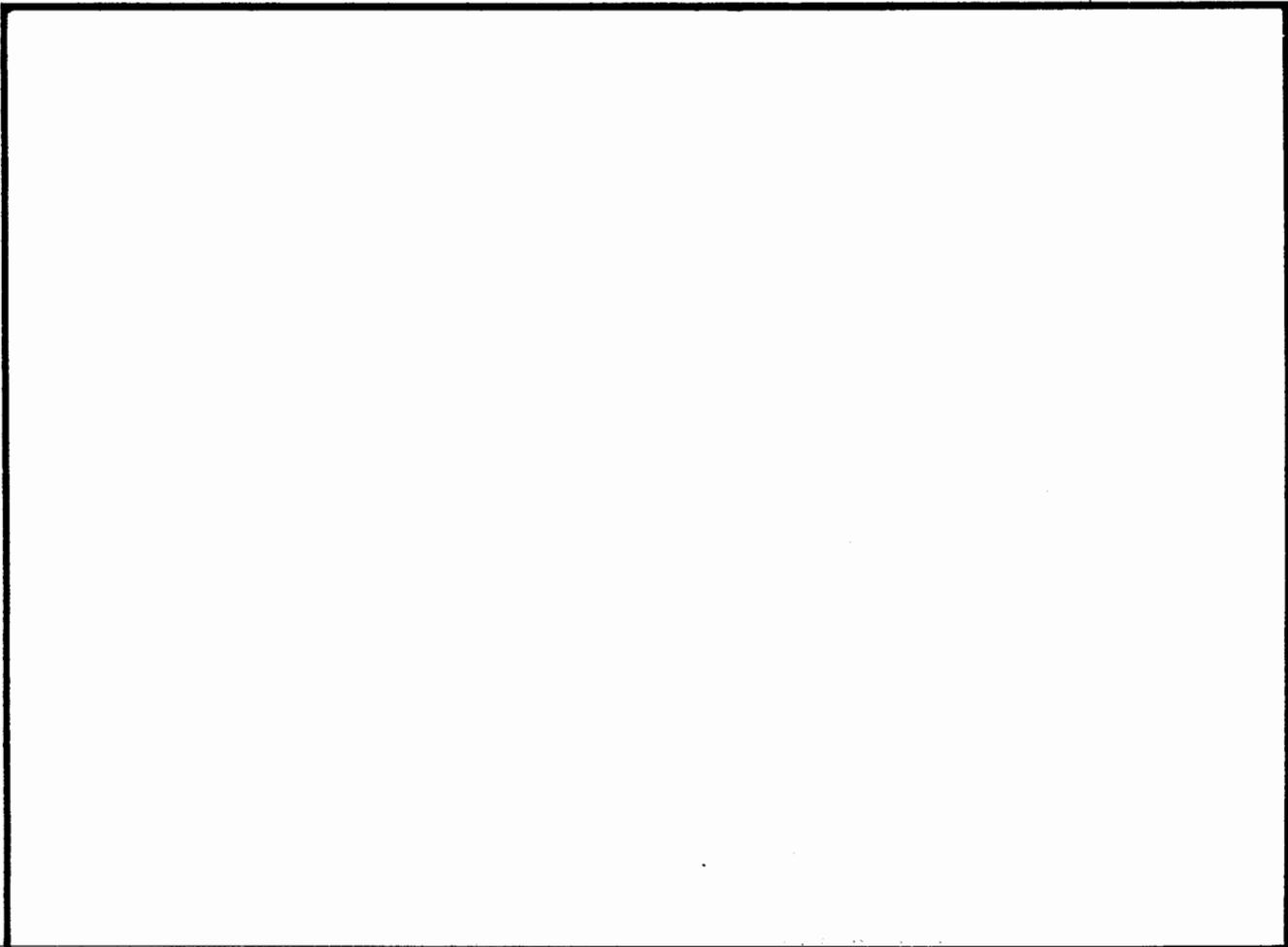
DST #1  
ROC #6234  
INSIDE BTM

TR# 22635  
O.





Inside Recorder





WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET No. 22635

P. O. BOX 1599 PHONE (316) 262-5861  
WICHITA, KANSAS 67201

Elevation KB 3826 Formation MORROW Eff. Pay \_\_\_\_\_ Ft.

District GREAT BEND Date 11-1-97 Customer Order No. \_\_\_\_\_

COMPANY NAME RED OAK ENERGY INC.

ADDRESS 200 W. DOUGLAS SUITE 510 WICHITA KS 67202

LEASE AND WELL NO. KRISS #1-26 COUNTY GREELEY STATE KS Sec 26 Twp 16S Rge. 42W

Mail Invoice To \_\_\_\_\_ Co. Name SAMH Address \_\_\_\_\_ No. Copies Requested R66

Mail Charts To \_\_\_\_\_ Address \_\_\_\_\_ No. Copies Requested \_\_\_\_\_

Formation Test No. 1 Interval Tested From 4970 ft. to 5140 ft. Total Depth 5240 ft.  
Packer Depth 4965 ft. Size 6 5/8 in. Packer Depth 5140 ft. Size 6 5/8 in.  
Packer Depth 4970 ft. Size 6 5/8 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4973 ft. Recorder Number 11018 Cap. 4425 PSI  
Bottom Recorder Depth (Outside) 49831 ft. Recorder Number 6234 Cap. 4500 PSI  
Below Straddle Recorder Depth 5237 ft. Recorder Number 13547 Cap. 4200 PSI

Drilling Contractor ABERROMBIE DRILL RIG 4 Drill Collar Length 0 I. D. \_\_\_\_\_ in.  
Mud Type CHEMICAL Viscosity 71 Weight Pipe Length 60 I. D. 2.7 in.  
Weight 9.4 Water Loss 8.4 cc. Drill Pipe Length 48.84 I. D. 3.8 in.  
Chlorides 4,400 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.  
Jars: Make WESTERN Serial Number 12369 Anchor Length 170 ft. Size 5 1/2 in.  
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X H in.

Blow: 1ST FLOW: WEAK BLOW DEAD IN 15 MINUTES  
2ND FLOW: NO BLOW - FLUSHED TOOL + RECEIVED WEAK SURGE

Recovered 180 ft. of DRILLING MUD (SOME OIL SPECKS IN TOOL)  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Chlorides \_\_\_\_\_ P.P.M. Sample Jars used \_\_\_\_\_ Remarks: LOST MUD ON INITIAL OPENING; ROSET PACKERS + THEY HELD THEREAFTER

Time On Location 2:30 A.M. Time Pick Up Tool 3:00 P.M. Time Off Location 1:00 A.M.

Time Set Packer(s) 6:00 A.M. Time Started Off Bottom 8:00 P.M. Maximum Temperature 125°

Initial Hydrostatic Pressure \_\_\_\_\_ (A) 2420 P.S.I.  
Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 210 P.S.I. to (C) 210 P.S.I.  
Initial Closed In Period \_\_\_\_\_ Minutes 30 (D) 570 P.S.I.  
Final Flow Period \_\_\_\_\_ Minutes 30 (E) 228 P.S.I. to (F) 228 P.S.I.  
Final Closed In Period \_\_\_\_\_ Minutes 30 (G) 536 P.S.I.  
Final Hydrostatic Pressure \_\_\_\_\_ (H) 2380 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 18% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By \_\_\_\_\_  
Signature of Customer or his authorized representative

Western Representative John Reed

FIELD INVOICE

Open Hole Test \$ ✓  
Misrun \$ \_\_\_\_\_  
Straddle Test \$ ✓  
Jars \$ ✓  
Selective Zone \$ \_\_\_\_\_  
Safety Joint \$ ✓  
Standby \$ \_\_\_\_\_  
Shale Packer \$ \_\_\_\_\_  
Extra Packer \$ ✓  
Circ. Sub. \$ \_\_\_\_\_  
Mileage \$ \_\_\_\_\_  
Fluid Sampler \$ \_\_\_\_\_  
Extra Charts \$ \_\_\_\_\_  
Elect. Rec. \$ \_\_\_\_\_