

ORIGINAL

15-199-20253

DST REPORT

GENERAL INFORMATION

DATE	: 9/22/97	TICKET	: 21793
CUSTOMER	: DNR OIL & GAS	LEASE	: NICKELSON
WELL	: #3-31	TEST: 1	GEOLOGIST: TUCKER
ELEVATION	: 3787 GL	FORMATION:	
SECTION	: 31	TOWNSHIP	: 15S
RANGE	: 41W	COUNTY: WALLACE	STATE : KS
GAUGE SN#	: 13551	RANGE : 4150	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM:	4934.00 ft	TO:	4994.00 ft	TVD:	4994.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	4938.0 ft	4941.0 ft			
TEMPERATURE:	122.0				
DRILL COLLAR LENGTH:	569.0 ft	I.D.:	2.200 in		
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in		
DRILL PIPE LENGTH :	4338.0 ft	I.D.:	3.800 in		
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in		
ANCHOR LENGTH :	60.0 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 :	4.5XH		
PACKER DEPTH:	4929.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	4934.0 ft	SIZE:	6.630 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in		

MUD INFORMATION

DRILLING CON. :	MURFIN RIG 14	VISCOSITY :	62.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	7.200 cc
WEIGHT :	9.200 ppg	SERIAL NUMBER: 414	
CHLORIDES :	4000 ppm	REVERSED OUT?: NO	
JARS-MAKE :	WTC		
DID WELL FLOW?: NO			

COMMENTS

Comment

INITIAL FLOW PERIOD FAIR BLOW - OFF BOTTOM OF BUCKET IN 7 MINUTES. FINAL FLOW PERIOD STRONG BLOW - OFF BOTTOM OF BUCKET IN 1 MINUTE. GAS TO

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DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

SURFACE ON FINAL SHUTIN.
 TOOL WAS PLUGGING AND PACKER LEAKING.
 PLUGGING ACTION ON INITIAL AND FINAL FLOW PERIODS

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	4061 FT GAS ABOVE FLUID
727.0	4.0	40.0	0.0	56.0	GASSY MUD CUT OIL
185.0	56.0	30.0	0.0	14.0	GASSY OIL CUT MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 72000 PPM

RATE INFORMATION

OIL VOLUME: 0.7517 STB	TOTAL FLOW TIME: 60.0000 min.
GAS VOLUME: 16.3254 SCF	AVERAGE OIL RATE: 109.8874 STB/D
MUD VOLUME: 3.8269 STB	AVERAGE WATER RATE: 0.0000 STB/D
WATER VOLUME: 0.0000 STB	
TOTAL FLUID : 4.5786 STB	

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2310.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	0.00	0.00
INITIAL SHUT-IN	45.00		0.00
FINAL FLOW	45.00	261.00	271.00
FINAL SHUT-IN	60.00		878.00

FINAL HYDROSTATIC PRESSURE: 2237.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2299.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	123.23	226.98
INITIAL SHUT-IN	45.00		1305.23
FINAL FLOW	45.00	255.45	264.72
FINAL SHUT-IN	60.00		872.00

FINAL HYDROSTATIC PRESSURE: 2224.00

Company: DNR OIL & GAS
 Well: #3-31 NICKELSON
 Field: TKT 21793 DST 1

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)

START FLOW 1				
1	0	4:11:18	0.0000	123.23
3	0	4:11:33	0.0040	123.26
8	0	4:12: 9	0.0142	118.97
13	0	4:12:45	0.0241	120.79
18	0	4:13:20	0.0340	123.47
23	0	4:13:54	0.0433	140.09
28	0	4:14:28	0.0526	159.32
33	0	4:14:58	0.0610	202.06
38	0	4:15:31	0.0702	223.90
44	0	4:16: 7	0.0801	279.72
48	0	4:16:37	0.0886	267.58
52	0	4:17:10	0.0977	236.29
57	0	4:17:43	0.1069	258.13
62	0	4:18:19	0.1169	259.07
68	0	4:18:54	0.1265	321.86
72	0	4:19:28	0.1361	279.24
76	0	4:20: 1	0.1453	246.21
81	0	4:20:37	0.1554	244.54
86	0	4:21:12	0.1650	253.32
91	0	4:21:48	0.1750	253.39
96	0	4:22:25	0.1851	250.84
101	0	4:22:58	0.1944	270.94
106	0	4:23:32	0.2040	281.46
110	0	4:24: 4	0.2126	264.10
114	0	4:24:36	0.2217	234.55
118	0	4:25: 8	0.2304	215.45
123	0	4:25:42	0.2400	225.97
128	0	4:26:18	0.2500	226.91
133	0	4:26:54	0.2600	226.98
END FLOW 1				
START SHUTIN 1				
135	0	4:27: 6	0.2634	241.81
138	0	4:27:25	0.2685	265.37
143	0	4:27:55	0.2770	305.50
149	0	4:28:30	0.2867	368.29
155	0	4:29: 5	0.2962	433.68
161	0	4:29:40	0.3061	492.11
167	0	4:30:15	0.3157	555.77
172	0	4:30:46	0.3243	591.55
177	0	4:31:17	0.3331	623.84
182	0	4:31:49	0.3418	658.74
187	0	4:32:21	0.3509	684.07
192	0	4:32:55	0.3601	704.17
197	0	4:33:28	0.3693	726.01
202	0	4:34: 2	0.3787	741.76
207	0	4:34:36	0.3882	754.89
212	0	4:35:10	0.3978	767.15
217	0	4:35:45	0.4074	775.93
222	0	4:36:19	0.4169	789.06
227	0	4:36:54	0.4267	795.23
232	0	4:37:29	0.4364	802.27
237	0	4:38: 4	0.4462	808.43
242	0	4:38:39	0.4559	816.34
247	0	4:39:15	0.4657	820.77

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
252	0	4:39:50	0.4755	825.19
257	0	4:40:26	0.4854	828.75
262	0	4:41: 1	0.4952	833.17
267	0	4:41:36	0.5050	838.47
272	0	4:42:12	0.5149	841.15
277	0	4:42:47	0.5248	844.70
282	0	4:43:23	0.5347	846.52
287	0	4:43:59	0.5446	850.07
292	0	4:44:34	0.5545	851.88
297	0	4:45:10	0.5644	854.56
302	0	4:45:45	0.5742	858.12
307	0	4:46:21	0.5841	861.67
312	0	4:46:56	0.5939	866.97
317	0	4:47:32	0.6037	871.39
322	0	4:48: 7	0.6135	877.56
327	0	4:48:42	0.6232	884.60
332	0	4:49:17	0.6330	891.63
337	0	4:49:52	0.6427	899.54
342	0	4:50:27	0.6524	907.45
347	0	4:51: 1	0.6620	917.10
352	0	4:51:36	0.6717	925.01
357	0	4:52:11	0.6814	933.79
362	0	4:52:45	0.6909	945.18
367	0	4:53:20	0.7006	953.09
372	0	4:53:55	0.7103	961.00
377	0	4:54:30	0.7200	970.65
382	0	4:55: 5	0.7296	979.42
387	0	4:55:39	0.7392	989.95
392	0	4:56:14	0.7489	997.85
397	0	4:56:49	0.7586	1007.47
402	0	4:57:23	0.7681	1019.68
407	0	4:57:58	0.7776	1031.89
412	0	4:58:32	0.7873	1040.64
417	0	4:59: 7	0.7968	1053.72
422	0	4:59:41	0.8065	1062.46
427	0	5: 0:16	0.8161	1072.07
432	0	5: 0:51	0.8258	1079.94
437	0	5: 1:26	0.8355	1088.69
442	0	5: 2: 0	0.8451	1100.03
447	0	5: 2:35	0.8546	1111.37
452	0	5: 3:10	0.8643	1120.12
457	0	5: 3:44	0.8739	1130.59
462	0	5: 4:19	0.8835	1139.34
467	0	5: 4:53	0.8932	1149.81
472	0	5: 5:28	0.9027	1162.02
477	0	5: 6: 3	0.9123	1171.63
482	0	5: 6:37	0.9219	1182.11
487	0	5: 7:11	0.9315	1194.32
492	0	5: 7:46	0.9411	1204.80
497	0	5: 8:21	0.9507	1214.41
502	0	5: 8:55	0.9603	1224.88
507	0	5: 9:30	0.9699	1234.49
512	0	5:10: 4	0.9795	1246.71
517	0	5:10:39	0.9891	1256.32
522	0	5:11:13	0.9987	1268.53

STATE OF OREGON
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 COUNTY OF CLATSOP

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
527	0	5:11:48	1.0082	1279.00
532	0	5:12:22	1.0178	1290.35
537	0	5:12:57	1.0275	1298.22
542	0	5:13:32	1.0372	1305.23
END SHUTIN 1				
START FLOW 2				
546	0	5:16:22	1.0843	255.45
551	0	5:16:58	1.0943	255.52
556	0	5:17:34	1.1043	255.59
561	0	5:18: 9	1.1141	261.76
566	0	5:18:40	1.1228	296.66
571	0	5:19:16	1.1327	297.61
576	0	5:19:52	1.1428	294.19
581	0	5:20:29	1.1529	292.52
586	0	5:21: 5	1.1630	289.11
591	0	5:21:41	1.1729	291.79
596	0	5:22:16	1.1826	299.70
601	0	5:22:50	1.1923	308.48
606	0	5:23:28	1.2026	298.10
610	0	5:24: 0	1.2115	274.64
614	0	5:24:30	1.2200	261.64
619	0	5:25: 7	1.2302	255.61
624	0	5:25:43	1.2403	253.07
629	0	5:26:19	1.2503	253.14
634	0	5:26:55	1.2603	253.21
639	0	5:27:31	1.2703	253.28
644	0	5:28: 8	1.2804	249.87
649	0	5:28:44	1.2904	248.20
654	0	5:29:20	1.3005	245.65
659	0	5:29:56	1.3106	243.11
664	0	5:30:32	1.3206	243.18
669	0	5:31: 7	1.3304	249.35
674	0	5:31:43	1.3403	252.03
679	0	5:32:16	1.3495	271.26
684	0	5:32:48	1.3583	305.30
689	0	5:33:21	1.3674	328.01
693	0	5:33:52	1.3762	307.16
697	0	5:34:25	1.3853	277.61
702	0	5:35: 2	1.3956	268.10
707	0	5:35:39	1.4058	262.08
712	0	5:36:15	1.4159	259.54
717	0	5:36:51	1.4259	259.61
722	0	5:37:27	1.4358	261.42
727	0	5:38: 3	1.4457	264.97
732	0	5:38:38	1.4554	273.75
737	0	5:39:14	1.4655	271.21
742	0	5:39:51	1.4757	265.18
747	0	5:40:27	1.4858	260.90
752	0	5:41: 3	1.4959	258.36
757	0	5:41:40	1.5060	255.82
762	0	5:42:16	1.5161	254.15
767	0	5:42:52	1.5260	255.96
772	0	5:43:26	1.5355	269.96
777	0	5:43:57	1.5441	305.74
782	0	5:44:31	1.5535	321.48

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
786	0	5:45: 2	1.5671	306.73
790	0	5:45:33	1.5759	285.02
794	0	5:46: 3	1.5843	274.63
799	0	5:46:40	1.5945	269.47
804	0	5:47:17	1.6046	266.06
809	0	5:47:53	1.6148	261.78
814	0	5:48:29	1.6248	259.23
819	0	5:49: 6	1.6349	256.69
824	0	5:49:42	1.6450	254.15
829	0	5:50:18	1.6550	254.22
834	0	5:50:54	1.6650	254.29
839	0	5:51:30	1.6750	254.36
844	0	5:52: 6	1.6850	254.43
849	0	5:52:42	1.6949	255.37
854	0	5:53:18	1.7049	255.44
859	0	5:53:53	1.7148	257.26
864	0	5:54:29	1.7248	258.20
869	0	5:55: 5	1.7347	260.01
874	0	5:55:41	1.7447	260.95
879	0	5:56:17	1.7546	261.89
884	0	5:56:53	1.7646	262.83
889	0	5:57:28	1.7745	264.65
894	0	5:58: 4	1.7845	264.72
END FLOW 2				
START SHUTIN 2				
899	0	5:58:39	1.7941	276.11
904	0	5:59:11	1.8030	306.66
909	0	5:59:42	1.8117	339.82
914	0	6: 0:14	1.8206	369.50
919	0	6: 0:46	1.8294	402.66
924	0	6: 1:17	1.8381	437.57
929	0	6: 1:49	1.8469	469.86
934	0	6: 2:21	1.8558	498.67
939	0	6: 2:53	1.8646	529.22
944	0	6: 3:25	1.8736	557.16
949	0	6: 3:57	1.8825	586.84
954	0	6: 4:30	1.8916	608.68
959	0	6: 5: 3	1.9009	627.91
964	0	6: 5:37	1.9102	646.26
969	0	6: 6:11	1.9196	662.01
974	0	6: 6:45	1.9292	674.27
979	0	6: 7:20	1.9388	685.66
984	0	6: 7:54	1.9484	694.44
989	0	6: 8:29	1.9581	702.35
994	0	6: 9: 4	1.9679	708.52
999	0	6: 9:39	1.9776	716.43
1004	0	6:10:14	1.9873	723.46
1009	0	6:10:50	1.9971	728.76
1014	0	6:11:25	2.0069	733.18
1019	0	6:12: 0	2.0168	737.61
1024	0	6:12:36	2.0266	742.03
1029	0	6:13:11	2.0364	746.46
1034	0	6:13:47	2.0463	749.14
1039	0	6:14:22	2.0561	753.57
1044	0	6:14:58	2.0660	757.12

JAN 26 1998

Company: DNR OIL & GAS
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1049	0	6:15:33	2.0759	760.67
1054	0	6:16: 9	2.0857	764.23
1059	0	6:16:44	2.0957	766.04
1064	0	6:17:20	2.1056	768.72
1069	0	6:17:56	2.1154	771.41
1074	0	6:18:31	2.1254	773.22
1079	0	6:19: 7	2.1353	775.90
1084	0	6:19:43	2.1452	777.71
1089	0	6:20:19	2.1551	778.66
1094	0	6:20:54	2.1651	780.47
1099	0	6:21:30	2.1749	784.02
1104	0	6:22: 5	2.1849	785.83
1109	0	6:22:41	2.1948	787.65
1114	0	6:23:17	2.2047	788.59
1119	0	6:23:53	2.2147	790.40
1124	0	6:24:29	2.2246	792.21
1129	0	6:25: 4	2.2345	794.02
1134	0	6:25:40	2.2445	794.97
1139	0	6:26:16	2.2544	795.91
1144	0	6:26:52	2.2644	797.72
1149	0	6:27:28	2.2743	798.66
1154	0	6:28: 3	2.2842	800.47
1159	0	6:28:39	2.2942	801.41
1164	0	6:29:15	2.3041	803.23
1169	0	6:29:51	2.3141	804.17
1174	0	6:30:27	2.3240	805.11
1179	0	6:31: 2	2.3340	806.05
1184	0	6:31:38	2.3440	806.99
1189	0	6:32:14	2.3539	807.93
1194	0	6:32:50	2.3639	808.87
1199	0	6:33:26	2.3738	810.69
1204	0	6:34: 2	2.3838	811.63
1209	0	6:34:37	2.3937	813.44
1214	0	6:35:13	2.4036	814.38
1219	0	6:35:49	2.4136	816.19
1224	0	6:36:25	2.4235	818.01
1229	0	6:37: 0	2.4334	818.95
1234	0	6:37:36	2.4434	819.89
1239	0	6:38:12	2.4533	821.70
1244	0	6:38:48	2.4633	822.64
1249	0	6:39:24	2.4732	824.46
1254	0	6:39:59	2.4831	826.27
1259	0	6:40:35	2.4931	827.21
1264	0	6:41:11	2.5030	829.02
1269	0	6:41:47	2.5130	829.96
1274	0	6:42:22	2.5229	831.78
1279	0	6:42:58	2.5328	834.46
1284	0	6:43:34	2.5428	835.40
1289	0	6:44:10	2.5527	837.21
1294	0	6:44:45	2.5626	839.02
1299	0	6:45:21	2.5726	839.97
1304	0	6:45:57	2.5825	841.78
1309	0	6:46:33	2.5924	843.59
1314	0	6:47: 8	2.6023	845.40
1319	0	6:47:44	2.6123	846.34

STATE OF CALIFORNIA
 JAN 26 1978

Company: DNR OIL & GAS
Well: #3-31 NICKELSON
Field: TKT 21793 DST 1

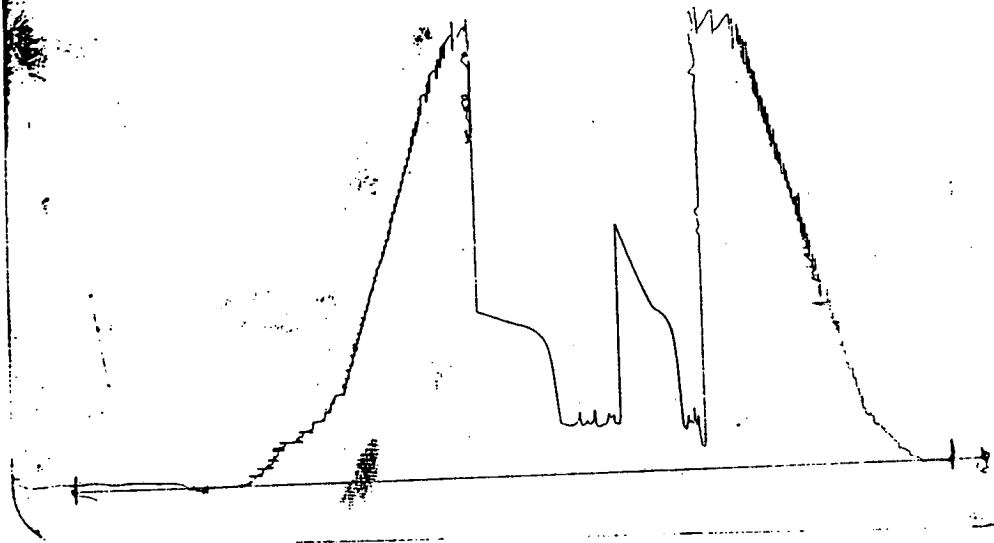
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1324	0	6:48:20	2.6222	848.16
1329	0	6:48:56	2.6322	849.97
1334	0	6:49:32	2.6421	850.91
1339	0	6:50: 7	2.6520	852.72
1344	0	6:50:43	2.6620	853.66
1349	0	6:51:19	2.6719	855.48
1354	0	6:51:55	2.6818	857.29
1359	0	6:52:31	2.6918	858.23
1364	0	6:53: 6	2.7017	860.04
1369	0	6:53:42	2.7117	860.98
1374	0	6:54:18	2.7216	863.67
1379	0	6:54:54	2.7315	864.61
1384	0	6:55:29	2.7415	866.42
1389	0	6:56: 5	2.7514	867.36
1394	0	6:56:41	2.7614	868.30
1399	0	6:57:17	2.7713	870.11
1404	0	6:57:53	2.7813	871.06
1409	0	6:58:28	2.7912	872.00

WESTERN TESTING CO., INC.

13551
DST 1

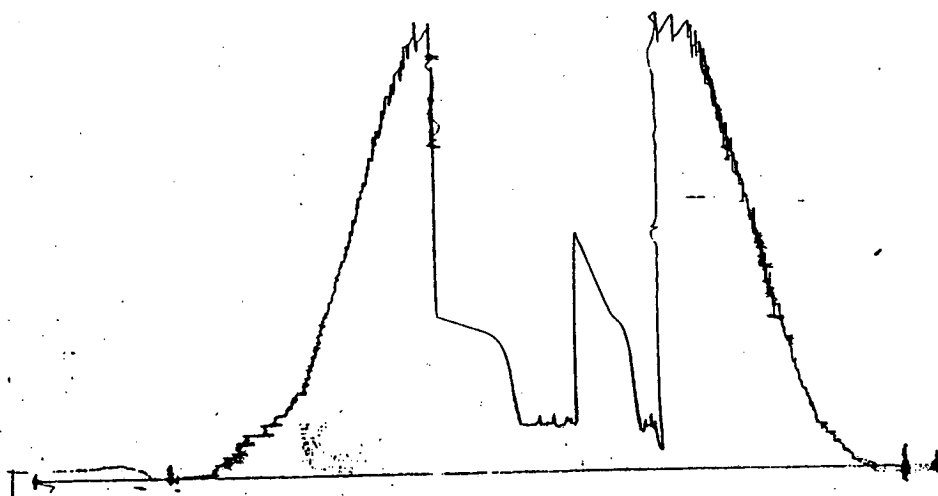
KT 21790



Inside Recorder

13266
DST 1

KT 21790



DST REPORT

GENERAL INFORMATION

DATE : 9/24/97
CUSTOMER : DNR OIL & GAS
WELL : #3-31 TEST: 2
ELEVATION: 3787 GL
SECTION : 31
RANGE : 41W COUNTY: WALLACE
GAUGE SN#: 13551 RANGE : 4150
TICKET : 21794
LEASE : NICKELSON
GEOLOGIST: TUCKER
FORMATION:
TOWNSHIP : 15S
STATE : KS
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 5008.00 ft TO: 5071.00 ft TVD: 5071.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 5011.0 ft 5014.0 ft
TEMPERATURE: 125.0
DRILL COLLAR LENGTH: 569.0 ft I.D.: 2.200 in
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in
DRILL PIPE LENGTH : 4412.0 ft I.D.: 3.800 in
TEST TOOL LENGTH : 27.0 ft TOOL SIZE : 5.500 in
ANCHOR LENGTH : 63.0 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 : 4.5XH
PACKER DEPTH: 5003.0 ft SIZE: 6.630 in
PACKER DEPTH: 5008.0 ft SIZE: 6.630 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in
PACKER DEPTH: 0.0 ft SIZE: 0.000 in

MUD INFORMATION

DRILLING CON. : MURFIN RIG 14
MUD TYPE : CHEMICAL
WEIGHT : 9.100 ppg
CHLORIDES : 5000 ppm
JARS-MAKE : WTC
DID WELL FLOW?: NO
VISCOSITY : 54.00 cp
WATER LOSS: 8.000 cc
SERIAL NUMBER: 414
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW OFF BOTTOM OF
BUCKET IN 1 MINUTE. FINAL FLOW PERIOD STRONG BLOW
OFF BOTTOM OF BUCKET IN 1 MINUTE.

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

GAS TO SURFACE IN 10 MINUTES ON INITIAL FLOW.
GAS TOO SMALL TO MEASURE.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	3461 FT GAS ABOVE FLUID
842.0	100.0	0.0	0.0	0.0	GASSY CLEAN OIL
0.0	0.0	0.0	0.0	0.0	GRAVITY 37 @ 75 DEGREES F
768.0	61.0	7.0	0.0	32.0	GASSY HEAVY OIL CUT MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 11000 PPM

RATE INFORMATION

OIL VOLUME: 15.1446 STB
 GAS VOLUME: 2.1485 SCF
 MUD VOLUME: 1.7492 STB
 WATER VOLUME: 0.0000 STB
 TOTAL FLUID : 16.8939 STB

TOTAL FLOW TIME: 60.0000 min.
 AVERAGE OIL RATE: 405.4527 STB/D
 AVERAGE WATER RATE: 0.0000 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2414.00

Description	Duration	p1	p End
INITIAL FLOW	15.00	439.00	439.00
INITIAL SHUT-IN	45.00		502.00
FINAL FLOW	45.00	481.00	502.00
FINAL SHUT-IN	60.00		502.00

FINAL HYDROSTATIC PRESSURE: 2310.00

JAN 20

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 2420.00

<u>Description</u>	<u>Duration</u>	<u>p1</u>	<u>p End</u>
INITIAL FLOW	15.00	430.22	432.31
INITIAL SHUT-IN	45.00		489.11
FINAL FLOW	45.00	478.69	495.39
FINAL SHUT-IN	60.00		498.81

FINAL HYDROSTATIC PRESSURE: 2320.00

Company: DNR OIL & GAS
 Well: #3-31 NICKELSON
 Field: TKT 21794 DST 2

[Wednesday: Sep. 24, 1997
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	11:44: 1	0.0000	430.22
6	0	11:44:37	0.0100	430.23
11	0	11:45:12	0.0200	430.25
16	0	11:45:48	0.0300	430.26
21	0	11:46:24	0.0400	430.28
26	0	11:47: 0	0.0500	430.29
31	0	11:47:36	0.0600	430.30
36	0	11:48:12	0.0699	430.32
41	0	11:48:48	0.0799	430.33
46	0	11:49:24	0.0899	430.34
51	0	11:50: 0	0.0999	430.36
56	0	11:50:36	0.1099	430.37
61	0	11:51:12	0.1199	430.39
66	0	11:51:48	0.1299	430.40
71	0	11:52:24	0.1399	430.41
76	0	11:53: 0	0.1499	430.43
81	0	11:53:36	0.1599	430.44
86	0	11:54:12	0.1699	430.46
91	0	11:54:48	0.1798	430.47
96	0	11:55:24	0.1898	430.48
101	0	11:56: 0	0.1998	430.50
106	0	11:56:36	0.2098	430.51
111	0	11:57:12	0.2198	430.52
116	0	11:57:48	0.2298	430.54
121	0	11:58:24	0.2398	430.55
126	0	11:59: 0	0.2498	432.31
END FLOW 1				
START SHUTIN 1				
128	0	11:59:14	0.2537	443.64
131	0	11:59:35	0.2596	449.74
136	0	12: 0:11	0.2696	455.85
141	0	12: 0:47	0.2795	460.22
146	0	12: 1:23	0.2895	463.72
151	0	12: 1:59	0.2995	467.22
156	0	12: 2:35	0.3095	469.84
161	0	12: 3:11	0.3194	470.73
166	0	12: 3:46	0.3294	473.35
171	0	12: 4:22	0.3394	474.24
176	0	12: 4:58	0.3494	475.99
181	0	12: 5:34	0.3594	476.88
186	0	12: 6:10	0.3693	477.76
191	0	12: 6:46	0.3793	478.65
196	0	12: 7:22	0.3893	479.53
201	0	12: 7:58	0.3993	479.55
206	0	12: 8:34	0.4093	480.43
211	0	12: 9:10	0.4193	481.32
216	0	12: 9:46	0.4293	481.33
221	0	12:10:22	0.4393	481.34
226	0	12:10:58	0.4492	482.23
231	0	12:11:34	0.4592	482.24
236	0	12:12:10	0.4692	482.26
241	0	12:12:46	0.4792	482.27
246	0	12:13:22	0.4892	483.16
251	0	12:13:58	0.4992	483.17

STATE OF OREGON
 DEPARTMENT OF REVENUE
 JAN 26 1998

Company: DNR OIL & GAS
Well: #3-31 NICKELSON
Field: TKT 21794 DST 2

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
256	0	12:14:34	0.5092	483.18
261	0	12:15:10	0.5192	483.20
266	0	12:15:46	0.5292	483.21
271	0	12:16:22	0.5392	484.10
276	0	12:16:57	0.5491	484.11
281	0	12:17:33	0.5591	484.12
286	0	12:18: 9	0.5691	484.14
291	0	12:18:45	0.5791	484.15
296	0	12:19:21	0.5891	484.16
301	0	12:19:57	0.5991	484.18
306	0	12:20:33	0.6091	484.19
311	0	12:21: 9	0.6191	484.21
316	0	12:21:45	0.6291	485.96
321	0	12:22:21	0.6391	485.98
326	0	12:22:57	0.6490	486.86
331	0	12:23:33	0.6590	486.87
336	0	12:24: 9	0.6690	487.76
341	0	12:24:45	0.6790	487.77
346	0	12:25:21	0.6890	488.66
351	0	12:25:57	0.6990	488.67
356	0	12:26:33	0.7090	488.69
361	0	12:27: 9	0.7190	488.70
366	0	12:27:45	0.7290	488.71
371	0	12:28:21	0.7390	488.73
376	0	12:28:57	0.7490	488.74
381	0	12:29:33	0.7589	488.75
386	0	12:30: 9	0.7689	488.77
391	0	12:30:45	0.7789	488.78
396	0	12:31:21	0.7889	488.80
401	0	12:31:57	0.7989	488.81
406	0	12:32:33	0.8089	488.82
411	0	12:33: 9	0.8189	488.84
416	0	12:33:45	0.8289	488.85
421	0	12:34:21	0.8389	488.87
426	0	12:34:56	0.8489	488.88
431	0	12:35:32	0.8589	488.89
436	0	12:36: 8	0.8688	488.91
441	0	12:36:44	0.8788	488.92
446	0	12:37:20	0.8888	488.93
451	0	12:37:56	0.8988	488.95
456	0	12:38:32	0.9088	488.96
461	0	12:39: 8	0.9188	488.98
466	0	12:39:44	0.9288	488.99
471	0	12:40:20	0.9388	489.00
476	0	12:40:56	0.9488	489.02
481	0	12:41:32	0.9588	489.03
486	0	12:42: 8	0.9688	489.05
491	0	12:42:44	0.9788	489.06
496	0	12:43:20	0.9888	489.07
501	0	12:43:56	0.9987	489.09
506	0	12:44:32	1.0087	489.10
511	0	12:45: 8	1.0187	489.11
		END SHUTIN 1		
		START FLOW 2		
512	0	12:46:20	1.0388	478.69

Company: DNR OIL & GAS
Well: #3-31 NICKELSON
Field: TKT 21794 DST 2

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
517	0	12:46:56	1.0488	478.70
522	0	12:47:32	1.0588	478.72
527	0	12:48: 8	1.0688	477.86
532	0	12:48:44	1.0788	477.88
537	0	12:49:20	1.0888	477.02
542	0	12:49:56	1.0987	477.03
547	0	12:50:32	1.1087	477.05
552	0	12:51: 8	1.1187	477.06
557	0	12:51:44	1.1287	477.07
562	0	12:52:20	1.1387	477.09
567	0	12:52:56	1.1487	477.10
572	0	12:53:32	1.1587	477.11
577	0	12:54: 8	1.1687	477.13
582	0	12:54:44	1.1787	477.14
587	0	12:55:20	1.1887	478.03
592	0	12:55:56	1.1987	478.91
597	0	12:56:32	1.2086	478.93
602	0	12:57: 8	1.2186	479.81
607	0	12:57:44	1.2286	479.82
612	0	12:58:20	1.2386	480.71
617	0	12:58:55	1.2486	481.59
622	0	12:59:31	1.2586	481.61
627	0	13: 0: 7	1.2686	482.49
632	0	13: 0:43	1.2786	482.51
637	0	13: 1:19	1.2886	482.52
642	0	13: 1:55	1.2985	483.41
647	0	13: 2:31	1.3085	483.42
652	0	13: 3: 7	1.3185	484.30
657	0	13: 3:43	1.3285	484.32
662	0	13: 4:19	1.3385	485.20
667	0	13: 4:55	1.3485	486.09
672	0	13: 5:31	1.3585	486.10
677	0	13: 6: 7	1.3685	486.99
682	0	13: 6:43	1.3784	487.87
687	0	13: 7:19	1.3884	487.88
692	0	13: 7:55	1.3984	488.77
697	0	13: 8:31	1.4084	489.65
702	0	13: 9: 7	1.4184	490.54
707	0	13: 9:43	1.4284	491.42
712	0	13:10:19	1.4384	492.31
717	0	13:10:55	1.4484	492.32
722	0	13:11:31	1.4583	493.21
727	0	13:12: 7	1.4683	493.22
732	0	13:12:43	1.4783	493.23
737	0	13:13:18	1.4883	493.25
742	0	13:13:54	1.4983	493.26
747	0	13:14:30	1.5083	493.28
752	0	13:15: 6	1.5183	493.29
757	0	13:15:42	1.5283	493.30
762	0	13:16:18	1.5383	493.32
767	0	13:16:54	1.5483	493.33
772	0	13:17:30	1.5583	493.35
777	0	13:18: 6	1.5682	494.23
782	0	13:18:42	1.5782	494.24
787	0	13:19:18	1.5882	494.26

Company: DNR OIL & GAS
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 Field: TKT 21794 DST 2

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
792	0	13:19:54	1.5982	494.27
797	0	13:20:30	1.6082	494.29
802	0	13:21: 6	1.6182	494.30
807	0	13:21:42	1.6282	494.31
812	0	13:22:18	1.6382	494.33
817	0	13:22:54	1.6482	494.34
822	0	13:23:30	1.6582	494.35
827	0	13:24: 6	1.6682	494.37
832	0	13:24:42	1.6781	494.38
837	0	13:25:18	1.6881	495.27
842	0	13:25:54	1.6981	495.28
847	0	13:26:30	1.7081	495.29
852	0	13:27: 6	1.7181	495.31
857	0	13:27:42	1.7281	495.32
862	0	13:28:18	1.7381	495.34
867	0	13:28:54	1.7481	495.35
872	0	13:29:30	1.7581	495.36
877	0	13:30: 6	1.7681	495.38
882	0	13:30:42	1.7781	495.39
END FLOW 2				
START SHUTIN 2				
885	0	13:31: 3	1.7840	495.40
887	0	13:31:18	1.7881	495.41
892	0	13:31:53	1.7980	495.42
897	0	13:32:29	1.8080	495.43
902	0	13:33: 5	1.8180	496.32
907	0	13:33:41	1.8280	496.33
912	0	13:34:17	1.8380	496.35
917	0	13:34:53	1.8480	496.36
922	0	13:35:29	1.8580	496.37
927	0	13:36: 5	1.8680	497.26
932	0	13:36:41	1.8780	497.27
937	0	13:37:17	1.8880	497.29
942	0	13:37:53	1.8979	497.30
947	0	13:38:29	1.9079	497.31
952	0	13:39: 5	1.9179	497.33
957	0	13:39:41	1.9279	497.34
962	0	13:40:17	1.9379	497.36
967	0	13:40:53	1.9479	497.37
972	0	13:41:29	1.9579	497.38
977	0	13:42: 5	1.9679	497.40
982	0	13:42:41	1.9779	497.41
987	0	13:43:17	1.9879	498.30
992	0	13:43:53	1.9978	498.31
997	0	13:44:29	2.0078	498.32
1002	0	13:45: 5	2.0178	498.34
1007	0	13:45:41	2.0278	498.35
1012	0	13:46:17	2.0378	498.36
1017	0	13:46:53	2.0478	498.38
1022	0	13:47:29	2.0578	498.39
1027	0	13:48: 5	2.0678	498.41
1032	0	13:48:41	2.0778	498.42
1037	0	13:49:17	2.0878	498.43
1042	0	13:49:53	2.0978	498.45
1047	0	13:50:28	2.1078	498.46

Company: DNR OIL & GAS
Well: #3-31 NICKELSON
Field: TKT 21794 DST 2

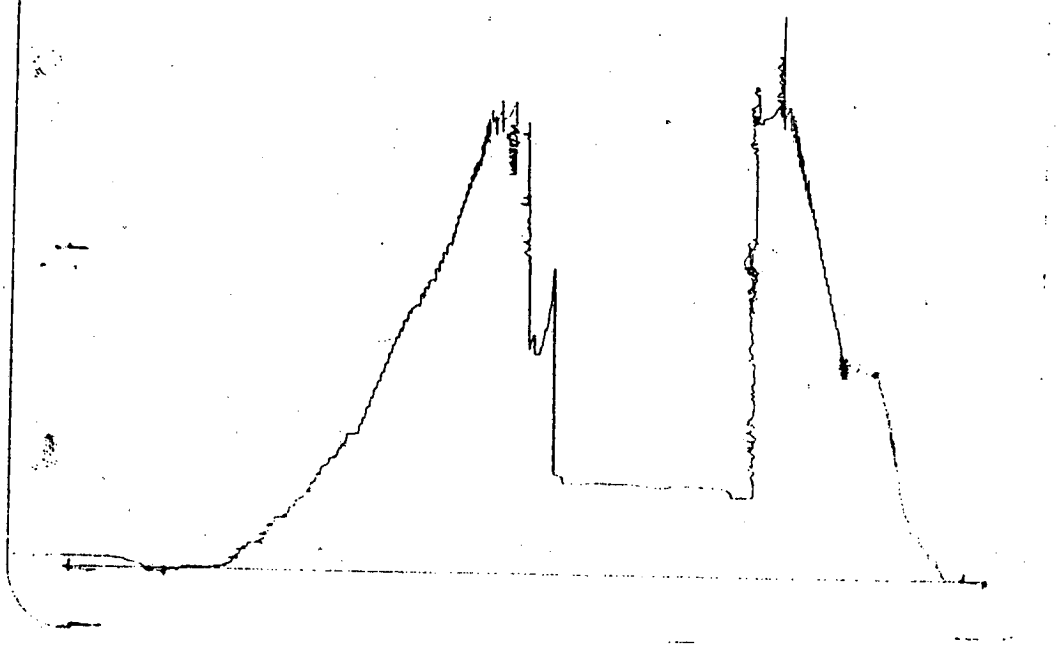
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1052	0	13:51: 4	2.1177	498.48
1057	0	13:51:40	2.1277	498.49
1062	0	13:52:16	2.1377	498.50
1067	0	13:52:52	2.1477	498.52
1072	0	13:53:28	2.1577	498.53
1077	0	13:54: 4	2.1677	498.54
1082	0	13:54:40	2.1777	498.56
1087	0	13:55:16	2.1877	498.57
1092	0	13:55:52	2.1977	498.59
1097	0	13:56:28	2.2077	498.60
1102	0	13:57: 4	2.2177	498.61
1107	0	13:57:40	2.2277	498.63
1112	0	13:58:16	2.2377	498.64
1117	0	13:58:52	2.2476	498.65
1122	0	13:59:28	2.2576	498.67
1127	0	14: 0: 4	2.2676	498.68
1132	0	14: 0:40	2.2776	498.70
1137	0	14: 1:16	2.2876	498.71
1142	0	14: 1:52	2.2976	498.72
1147	0	14: 2:28	2.3076	498.74
1152	0	14: 3: 4	2.3176	498.75
1157	0	14: 3:40	2.3276	498.77
1162	0	14: 4:16	2.3376	498.78
1167	0	14: 4:52	2.3476	498.79
1172	0	14: 5:28	2.3576	498.81

WESTERN TESTING CO., INC.

OST2
13551

KT 21294



Inside Recorder

13265
DST 2

KT 21294

