

DST REPORT

GENERAL INFORMATION

DATE : 8/18/97  
CUSTOMER : RANGE OIL COMPANY INC  
WELL : #1 TEST: 1  
ELEVATION: 1182 GL  
SECTION : 8  
RANGE : 14E COUNTY: COFFEY  
GAUGE SN#: 1562 RANGE : 3900  
TICKET : 22343  
LEASE : CUMMINS  
GEOLOGIST: BLAIR  
FORMATION: SQUIRREL  
TOWNSHIP : 21S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 1334.00 ft TO: 1370.00 ft TVD: 1370.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 1350.0 ft 1353.0 ft  
TEMPERATURE: 90.0  
  
DRILL COLLAR LENGTH: 150.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 1164.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 36.0 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: 1329.0 ft SIZE: 6.630 in  
PACKER DEPTH: 1334.0 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. : GLAVES  
MUD TYPE : CHEMICAL  
WEIGHT : 9.000 ppg  
CHLORIDES : 0 ppm  
JARS-MAKE :  
DID WELL FLOW?: NO  
VISCOSITY : 36.00 cp  
WATER LOSS: 0.000 cc  
SERIAL NUMBER:  
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK SURFACE BLOW - DIED IN  
10 MINUTES. FINAL FLOW PERIOD WEAK - SLOWLY  
INCREASING TO BOTTOM OF BUCKET IN 30 MINUTES.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
240.0	0.0	0.0	0.0	0.0	V. SL ODOR GAS IN PIPE
40.0	0.0	0.0	0.0	100.0	MUD

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.1967	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.1967	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 658.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	50.00	50.00
INITIAL SHUT-IN	30.00		70.00
FINAL FLOW	60.00	60.00	60.00
FINAL SHUT-IN	60.00		539.00

FINAL HYDROSTATIC PRESSURE: 619.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 634.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	84.71	39.22
INITIAL SHUT-IN	30.00		44.07
FINAL FLOW	60.00	42.29	31.15
FINAL SHUT-IN	60.00		531.29

FINAL HYDROSTATIC PRESSURE: 598.00

Company: RAYMOND OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22343 DST 1

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	3: 5: 7	0.0000	84.71
9	0	3: 6: 4	0.0161	81.04
18	0	3: 7:10	0.0342	76.44
27	0	3: 8:15	0.0523	71.84
36	0	3: 9:20	0.0703	69.12
45	0	3:10:25	0.0884	65.46
54	0	3:11:30	0.1064	62.74
63	0	3:12:35	0.1245	59.08
72	0	3:13:40	0.1425	56.35
81	0	3:14:45	0.1606	54.57
90	0	3:15:50	0.1786	51.84
99	0	3:16:54	0.1966	50.99
108	0	3:17:59	0.2146	49.21
117	0	3:19: 4	0.2326	48.36
126	0	3:20: 9	0.2506	47.51
135	0	3:21:14	0.2687	45.73
144	0	3:22:19	0.2867	44.88
153	0	3:23:24	0.3047	43.09
162	0	3:24:28	0.3227	42.24
171	0	3:25:33	0.3407	42.33
180	0	3:26:38	0.3587	41.48
189	0	3:27:43	0.3767	41.57
198	0	3:28:48	0.3947	40.73
207	0	3:29:52	0.4127	39.88
216	0	3:30:57	0.4307	39.03
225	0	3:32: 2	0.4487	39.12
234	0	3:33: 7	0.4667	39.18
243	0	3:34:11	0.4847	39.22
END FLOW 1				
START SHUTIN 1				
252	0	3:35:16	0.5026	39.21
261	0	3:36:21	0.5206	39.13
270	0	3:37:26	0.5386	38.92
279	0	3:38:30	0.5566	38.63
288	0	3:39:35	0.5746	38.36
297	0	3:40:40	0.5926	38.20
306	0	3:41:45	0.6106	38.16
315	0	3:42:49	0.6286	38.18
324	0	3:43:54	0.6465	38.24
333	0	3:44:59	0.6645	38.32
342	0	3:46: 4	0.6825	38.40
351	0	3:47: 8	0.7005	38.50
360	0	3:48:13	0.7185	38.64
369	0	3:49:18	0.7365	38.86
378	0	3:50:23	0.7544	39.25
387	0	3:51:27	0.7724	39.92
396	0	3:52:32	0.7904	40.91
405	0	3:53:37	0.8083	42.20
414	0	3:54:41	0.8262	45.68
423	0	3:55:46	0.8442	44.83
432	0	3:56:51	0.8623	43.98
441	0	3:57:55	0.8802	44.07
END SHUTIN 1				
START FLOW 2				
450	0	3:59: 0	0.8983	42.29

Company: RAYMOND OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22343 DST 1

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
459	0	4: 0: 5	0.9163	41.44
468	0	4: 1:10	0.9342	41.53
477	0	4: 2:15	0.9523	40.68
486	0	4: 3:20	0.9703	39.83
495	0	4: 4:24	0.9883	38.05
504	0	4: 5:29	1.0063	37.20
513	0	4: 6:34	1.0243	36.35
522	0	4: 7:39	1.0423	36.44
531	0	4: 8:44	1.0603	35.59
540	0	4: 9:48	1.0783	34.74
549	0	4:10:53	1.0963	33.89
558	0	4:11:58	1.1143	33.98
567	0	4:13: 3	1.1323	33.14
576	0	4:14: 8	1.1503	33.22
585	0	4:15:12	1.1682	34.25
594	0	4:16:17	1.1862	33.40
603	0	4:17:22	1.2042	33.49
612	0	4:18:27	1.2222	33.58
621	0	4:19:31	1.2402	33.67
630	0	4:20:36	1.2582	33.76
639	0	4:21:41	1.2762	32.91
648	0	4:22:46	1.2942	33.00
657	0	4:23:50	1.3122	32.15
666	0	4:24:55	1.3302	31.31
675	0	4:26: 0	1.3482	30.46
684	0	4:27: 5	1.3661	31.48
693	0	4:28: 9	1.3841	31.57
702	0	4:29:14	1.4021	30.72
711	0	4:30:19	1.4201	30.81
720	0	4:31:24	1.4381	30.90
729	0	4:32:29	1.4561	30.99
738	0	4:33:33	1.4741	31.08
747	0	4:34:38	1.4921	31.17
756	0	4:35:43	1.5100	31.26
765	0	4:36:47	1.5280	31.35
774	0	4:37:52	1.5460	31.44
783	0	4:38:57	1.5640	31.53
792	0	4:40: 2	1.5820	31.62
801	0	4:41: 6	1.5999	31.71
810	0	4:42:11	1.6180	30.86
819	0	4:43:16	1.6360	30.01
828	0	4:44:21	1.6539	30.10
837	0	4:45:26	1.6719	30.19
846	0	4:46:30	1.6899	30.28
855	0	4:47:35	1.7079	30.37
864	0	4:48:40	1.7259	30.46
873	0	4:49:45	1.7439	30.55
882	0	4:50:49	1.7618	30.64
891	0	4:51:54	1.7798	30.72
900	0	4:52:59	1.7978	30.81
909	0	4:54: 4	1.8158	30.90
918	0	4:55: 8	1.8338	30.99
927	0	4:56:13	1.8518	31.08
936	0	4:57:18	1.8698	31.15
		END FLOW 2		
		START SHUTIN 2		
942	0	4:58: 1	1.8817	33.11
945	0	4:58:22	1.8877	35.01

Company: RAYMOND OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22343 DST 1

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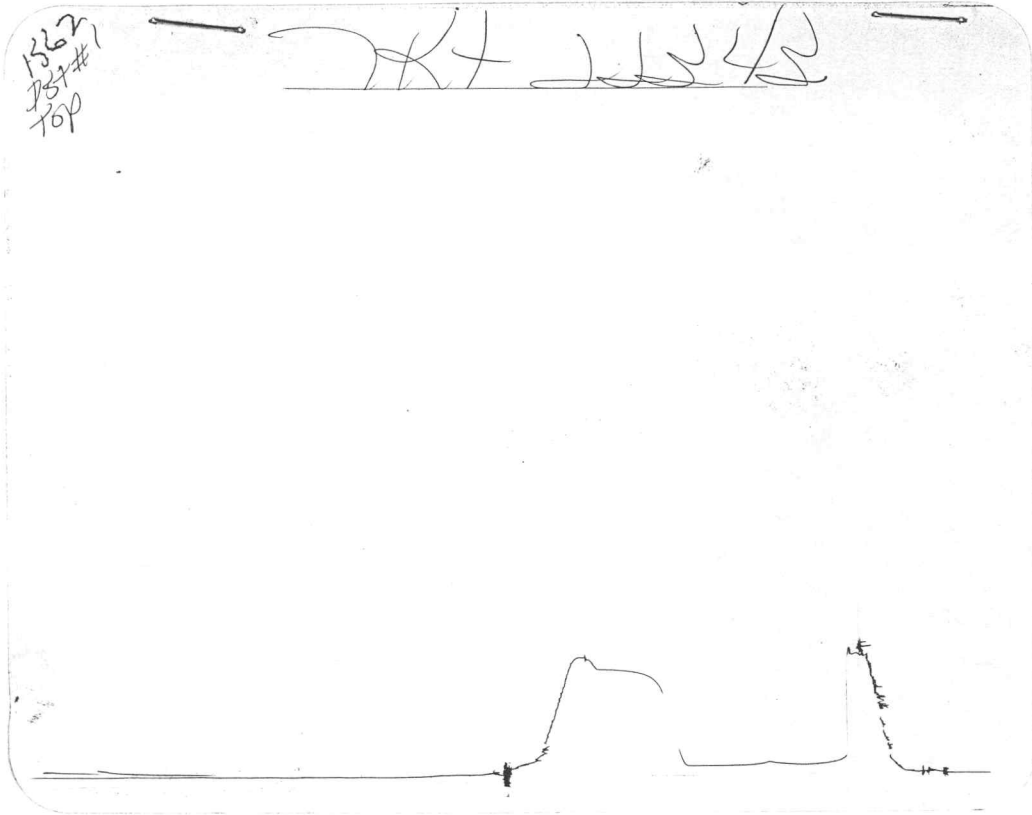
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
954	0	4:59:26	1.9054	44.48
963	0	5: 0:30	1.9231	57.69
972	0	5: 1:33	1.9407	73.72
981	0	5: 2:36	1.9582	95.38
990	0	5: 3:40	1.9758	111.79
999	0	5: 4:42	1.9933	137.93
1008	0	5: 5:45	2.0106	164.15
1017	0	5: 6:48	2.0280	190.44
1026	0	5: 7:50	2.0454	216.79
1035	0	5: 8:53	2.0628	243.15
1044	0	5: 9:55	2.0802	269.53
1053	0	5:10:58	2.0976	295.89
1062	0	5:12: 1	2.1150	322.24
1071	0	5:13: 3	2.1324	348.59
1080	0	5:14: 6	2.1498	372.95
1089	0	5:15: 9	2.1673	394.61
1098	0	5:16:13	2.1850	409.70
1107	0	5:17:16	2.2027	421.97
1116	0	5:18:20	2.2204	432.38
1125	0	5:19:24	2.2382	441.84
1134	0	5:20:28	2.2560	449.43
1143	0	5:21:32	2.2738	456.09
1152	0	5:22:37	2.2917	462.74
1161	0	5:23:41	2.3095	469.39
1170	0	5:24:45	2.3274	474.17
1179	0	5:25:50	2.3453	478.94
1188	0	5:26:54	2.3632	483.72
1197	0	5:27:58	2.3810	488.50
1206	0	5:29: 3	2.3989	492.34
1215	0	5:30: 7	2.4168	495.24
1224	0	5:31:12	2.4347	499.08
1233	0	5:32:16	2.4527	501.95
1242	0	5:33:21	2.4706	503.88
1251	0	5:34:25	2.4886	505.81
1260	0	5:35:30	2.5065	508.66
1269	0	5:36:35	2.5244	509.67
1278	0	5:37:39	2.5424	511.60
1287	0	5:38:44	2.5603	513.53
1296	0	5:39:48	2.5783	515.46
1305	0	5:40:53	2.5962	516.47
1314	0	5:41:58	2.6142	517.47
1323	0	5:43: 2	2.6321	518.48
1332	0	5:44: 7	2.6501	520.41
1341	0	5:45:12	2.6681	521.42
1350	0	5:46:16	2.6860	522.43
1359	0	5:47:21	2.7040	523.44
1368	0	5:48:26	2.7219	524.45
1377	0	5:49:30	2.7399	524.54
1386	0	5:50:35	2.7579	525.54
1395	0	5:51:40	2.7759	526.55
1404	0	5:52:44	2.7938	526.64
1413	0	5:53:49	2.8118	527.65
1422	0	5:54:54	2.8298	527.74
1431	0	5:55:59	2.8478	527.82
1440	0	5:57: 3	2.8657	528.83

Company: RAYMOND OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22343 DST 1

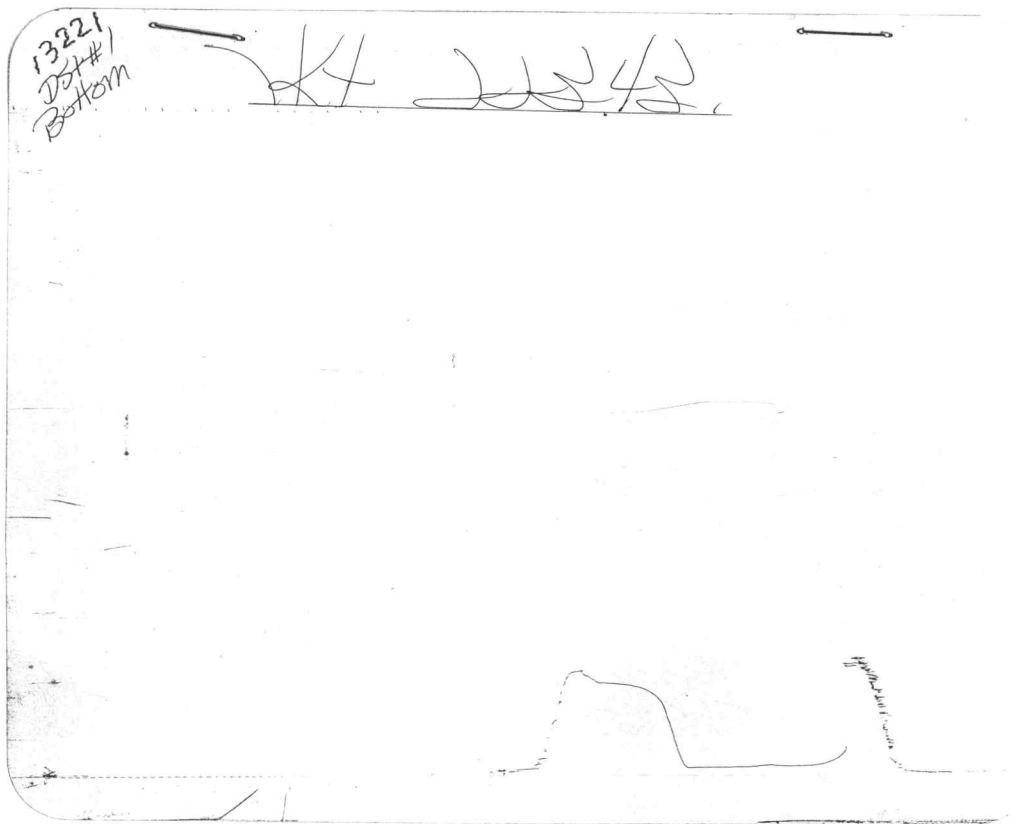
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1449	0	5:58: 8	2.8837	528.92
1458	0	5:59:13	2.9017	529.93
1467	0	6: 0:17	2.9197	530.02
1476	0	6: 1:22	2.9376	530.11
1485	0	6: 2:27	2.9556	530.19
1494	0	6: 3:32	2.9736	530.28
1503	0	6: 4:36	2.9916	531.29

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 8/18/97	TICKET : 22344
CUSTOMER : RANGE OIL COMPANY INC	LEASE : CUMMINS
WELL : #1 TEST: 2	GEOLOGIST: BLAIR
ELEVATION: 1182 GL	FORMATION: LOWER SQUIRREL
SECTION : 8	TOWNSHIP : 21S
RANGE : 14E COUNTY: COFFEY	STATE : KS
GAUGE SN#: 1562 RANGE : 3900	CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 1399.00 ft TO: 1415.00 ft TVD: 1415.0 ft  
 DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
 DEPTH OF RECORDERS: 1405.0 ft 1408.0 ft  
 TEMPERATURE: 90.0

DRILL COLLAR LENGTH: 210.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH : 0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH : 1169.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH : 20.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH : 16.0 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: 1394.0 ft	SIZE:	6.630 in
PACKER DEPTH: 1399.0 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. : GLAVES	VISCOSITY : 36.00 cp
MUD TYPE : CHEMICAL	WATER LOSS: 0.000 cc
WEIGHT : 9.000 ppg	SERIAL NUMBER:
CHLORIDES : 0 ppm	REVERSED OUT?: NO
JARS-MAKE :	
DID WELL FLOW?: NO	

COMMENTS

Comment

INITIAL FLOW PERIOD WEAK TO FAIR BLOW - 4 INCHES  
 IN BUCKET. FINAL FLOW PERIOD FAIR 3 1/2 INCH BLOW

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
210.0	0.0	0.0	60.0	40.0	MUDDY SALTWATER
0.0	0.0	0.0	0.0	0.0	CHLORIDES 60000 PPM

RATE INFORMATION

OIL VOLUME:	0.0000	STB	TOTAL FLOW TIME:	90.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	0.0000	STB/D
MUD VOLUME:	0.4131	STB	AVERAGE WATER RATE:	16.5227	STB/D
WATER VOLUME:	0.6196	STB			
TOTAL FLUID :	1.0327	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 678.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	70.00	70.00
INITIAL SHUT-IN	30.00		500.00
FINAL FLOW	60.00	100.00	130.00
FINAL SHUT-IN	60.00		519.00

FINAL HYDROSTATIC PRESSURE: 648.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 682.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	114.22	71.14
INITIAL SHUT-IN	30.00		110.68
FINAL FLOW	60.00	133.63	110.68
FINAL SHUT-IN	60.00		511.74

FINAL HYDROSTATIC PRESSURE: 638.00

Company: RANGE OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22344 DST 2

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
-----				
START FLOW 1				
1	0	14:15:31	0.0000	114.22
6	0	14:16: 7	0.0100	114.24
15	0	14:17:12	0.0280	108.66
24	0	14:18:17	0.0461	101.21
33	0	14:19:22	0.0641	97.50
42	0	14:20:27	0.0822	91.92
51	0	14:21:32	0.1002	88.65
60	0	14:22:37	0.1182	86.10
69	0	14:23:41	0.1363	83.55
78	0	14:24:46	0.1543	81.47
87	0	14:25:51	0.1723	79.61
96	0	14:26:56	0.1903	77.76
105	0	14:28: 1	0.2083	75.91
114	0	14:29: 6	0.2263	74.23
123	0	14:30:10	0.2443	73.15
132	0	14:31:15	0.2623	72.34
141	0	14:32:20	0.2803	71.67
150	0	14:33:25	0.2983	70.51
159	0	14:34:29	0.3162	70.83
168	0	14:35:34	0.3343	69.67
177	0	14:36:39	0.3522	69.18
186	0	14:37:44	0.3702	69.36
195	0	14:38:48	0.3882	71.14
END FLOW 1				
START SHUTIN 1				
203	0	14:39:46	0.4041	78.69
204	0	14:39:53	0.4061	80.57
213	0	14:40:56	0.4236	119.99
222	0	14:41:59	0.4410	164.11
231	0	14:43: 1	0.4583	225.10
240	0	14:44: 4	0.4758	270.16
249	0	14:45: 7	0.4933	308.16
258	0	14:46:10	0.5110	338.30
267	0	14:47:14	0.5287	361.95
276	0	14:48:18	0.5464	380.05
285	0	14:49:22	0.5643	392.71
294	0	14:50:27	0.5821	404.75
303	0	14:51:31	0.6000	415.67
312	0	14:52:35	0.6179	425.02
321	0	14:53:40	0.6357	433.04
330	0	14:54:44	0.6536	440.23
339	0	14:55:49	0.6716	447.08
348	0	14:56:53	0.6895	453.58
357	0	14:57:58	0.7074	459.65
366	0	14:59: 2	0.7253	465.20
375	0	15: 0: 7	0.7432	470.15
384	0	15: 1:11	0.7612	474.50
393	0	15: 2:16	0.7791	478.38
402	0	15: 3:20	0.7970	481.95
411	0	15: 4:25	0.8150	485.32
420	0	15: 5:30	0.8329	488.62
429	0	15: 6:34	0.8509	493.35
438	0	15: 7:39	0.8688	493.40
END SHUTIN 1				
START FLOW 2				
447	0	15:14:44	0.9870	133.63

Company: RANGE OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22344 DST 2

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
456	0	15:15:49	1.0136	133.68
465	0	15:16:54	1.0316	130.91
474	0	15:17:59	1.0496	126.27
483	0	15:19: 3	1.0676	122.57
492	0	15:20: 8	1.0857	118.86
501	0	15:21:13	1.1037	117.04
510	0	15:22:18	1.1217	113.33
519	0	15:23:23	1.1397	110.56
528	0	15:24:28	1.1577	108.74
537	0	15:25:33	1.1757	106.91
546	0	15:26:38	1.1938	103.89
555	0	15:27:42	1.2118	102.81
564	0	15:28:47	1.2298	101.73
573	0	15:29:52	1.2477	100.65
582	0	15:30:57	1.2657	99.57
591	0	15:32: 1	1.2837	98.50
600	0	15:33: 6	1.3017	97.42
609	0	15:34:11	1.3197	96.96
618	0	15:35:16	1.3377	97.01
627	0	15:36:21	1.3557	97.06
636	0	15:37:25	1.3737	97.10
645	0	15:38:30	1.3917	96.95
654	0	15:39:35	1.4097	96.74
663	0	15:40:40	1.4276	96.53
672	0	15:41:44	1.4456	96.32
681	0	15:42:49	1.4636	96.11
690	0	15:43:54	1.4816	95.90
699	0	15:44:59	1.4996	95.69
708	0	15:46: 3	1.5176	95.70
717	0	15:47: 8	1.5356	95.97
726	0	15:48:13	1.5536	96.25
735	0	15:49:18	1.5715	96.52
744	0	15:50:22	1.5895	96.80
753	0	15:51:27	1.6075	97.07
762	0	15:52:32	1.6255	97.34
771	0	15:53:36	1.6435	97.62
780	0	15:54:41	1.6614	97.99
789	0	15:55:46	1.6794	98.71
798	0	15:56:51	1.6974	99.44
807	0	15:57:55	1.7154	100.16
816	0	15:59: 0	1.7333	100.88
825	0	16: 0: 5	1.7513	101.60
834	0	16: 1:10	1.7693	100.93
843	0	16: 2:14	1.7873	101.92
852	0	16: 3:19	1.8053	102.90
861	0	16: 4:24	1.8232	103.88
870	0	16: 5:28	1.8412	104.87
879	0	16: 6:33	1.8592	104.92
888	0	16: 7:38	1.8772	105.90
897	0	16: 8:43	1.8951	106.88
906	0	16: 9:47	1.9131	110.68
		END FLOW 2		
		START SHUTIN 2		
914	0	16:10:44	1.9290	118.22
915	0	16:10:51	1.9310	119.16

Company: RANGE OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22344 DST 2

[Monday: Aug. 18, 1997]  
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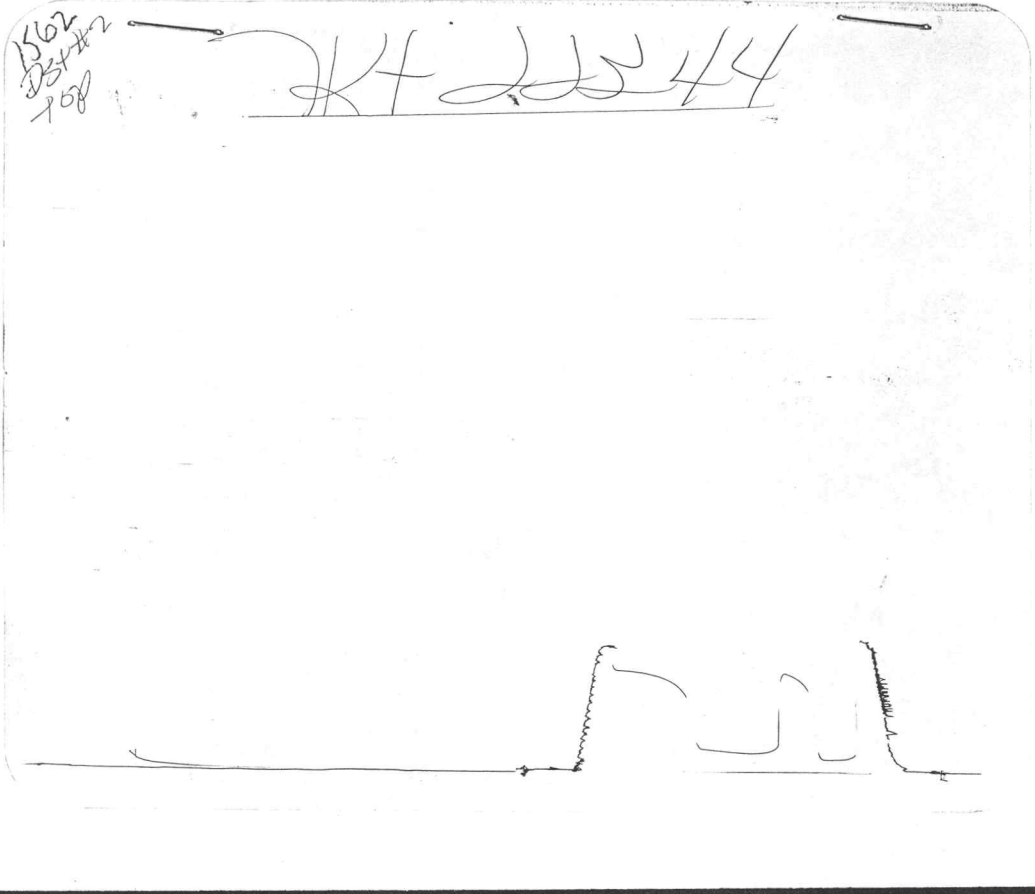
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
924	0	16:11:56	1.9488	134.21
933	0	16:12:59	1.9665	158.64
942	0	16:14: 2	1.9840	197.13
951	0	16:15: 6	2.0016	231.12
960	0	16:16: 9	2.0192	263.30
969	0	16:17:13	2.0369	287.71
978	0	16:18:17	2.0547	308.62
987	0	16:19:21	2.0724	327.84
996	0	16:20:25	2.0902	343.32
1005	0	16:21:29	2.1081	356.12
1014	0	16:22:33	2.1259	367.99
1023	0	16:23:38	2.1438	378.77
1032	0	16:24:42	2.1616	388.51
1041	0	16:25:46	2.1795	397.48
1050	0	16:26:51	2.1974	405.79
1059	0	16:27:55	2.2153	413.49
1068	0	16:28:59	2.2332	420.52
1077	0	16:30: 4	2.2511	426.84
1086	0	16:31: 8	2.2690	432.50
1095	0	16:32:13	2.2870	437.61
1104	0	16:33:18	2.3049	442.36
1113	0	16:34:22	2.3228	446.85
1122	0	16:35:27	2.3408	449.61
1131	0	16:36:31	2.3587	453.49
1140	0	16:37:36	2.3767	457.29
1149	0	16:38:41	2.3946	460.94
1158	0	16:39:45	2.4125	464.40
1167	0	16:40:50	2.4305	467.60
1176	0	16:41:54	2.4484	470.48
1185	0	16:42:59	2.4664	473.07
1194	0	16:44: 4	2.4843	475.41
1203	0	16:45: 8	2.5023	477.56
1212	0	16:46:13	2.5203	479.60
1221	0	16:47:18	2.5382	481.55
1230	0	16:48:22	2.5562	483.42
1239	0	16:49:27	2.5742	485.24
1248	0	16:50:32	2.5921	487.00
1257	0	16:51:36	2.6101	488.72
1266	0	16:52:41	2.6281	490.39
1275	0	16:53:46	2.6460	492.03
1284	0	16:54:50	2.6640	493.63
1293	0	16:55:55	2.6820	495.21
1302	0	16:57: 0	2.6999	496.76
1311	0	16:58: 4	2.7179	498.29
1320	0	16:59: 9	2.7359	499.81
1329	0	17: 0:14	2.7538	501.30
1338	0	17: 1:18	2.7718	501.99
1347	0	17: 2:23	2.7898	502.95
1356	0	17: 3:28	2.8077	503.92
1365	0	17: 4:33	2.8257	503.97
1374	0	17: 5:37	2.8437	504.93
1383	0	17: 6:42	2.8617	505.90
1392	0	17: 7:47	2.8797	505.95
1401	0	17: 8:52	2.8976	506.91
1410	0	17: 9:56	2.9156	507.88

Company: RANGE OIL COMPANY INC  
Well: CUMMINS #1  
Field: TKT 22344 DST 2

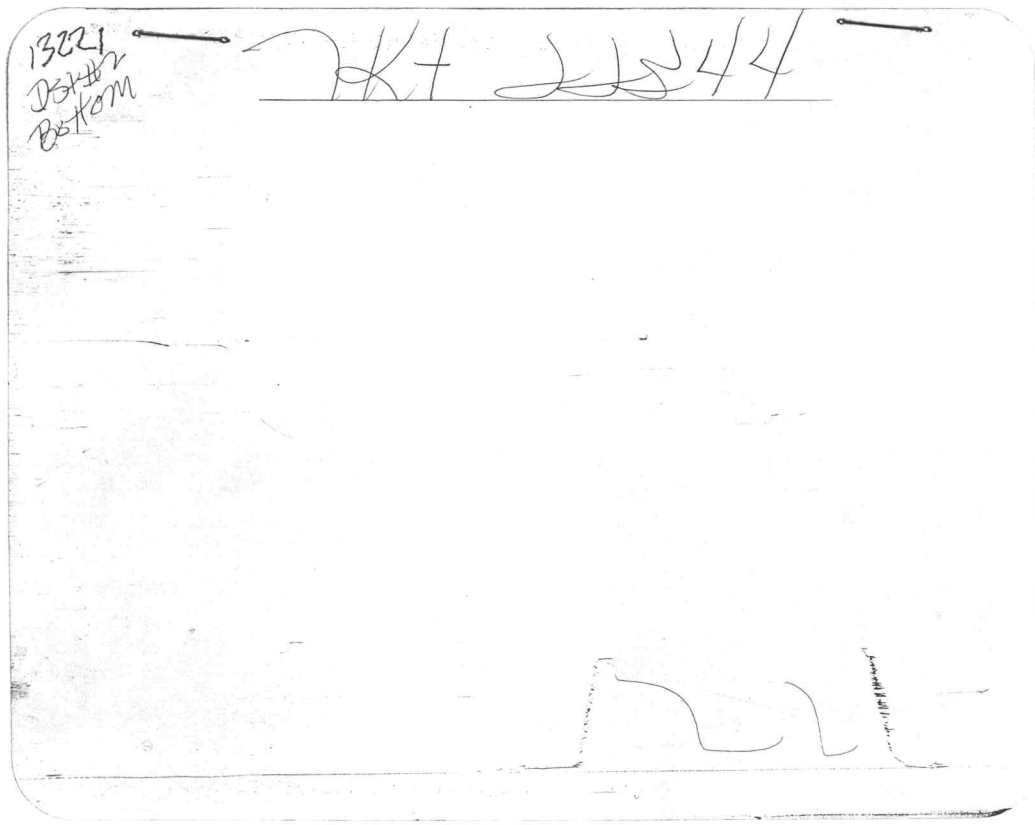
[Monday: Aug. 18, 1997]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1419	0	17:11: 1	2.9336	508.84
1428	0	17:12: 6	2.9516	508.89
1437	0	17:13:10	2.9695	510.78
1446	0	17:14:15	2.9875	511.74

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 8/20/97  
CUSTOMER : RANGE OIL COMPANY INC  
WELL : #1 TEST: 3  
ELEVATION: 1182 GL  
SECTION : 8  
RANGE : 14E COUNTY: COFFEY  
GAUGE SN#: 1562 RANGE : 3900  
TICKET : 22345  
LEASE : CUMMINS  
GEOLOGIST: BLAIR  
FORMATION: SIMPSON  
TOWNSHIP : 21S  
STATE : KS  
CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2026.00 ft TO: 2046.00 ft TVD: 2046.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 2035.0 ft 2038.0 ft  
TEMPERATURE: 96.0  
DRILL COLLAR LENGTH: 240.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 1766.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 20.0 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: 2021.0 ft SIZE: 6.630 in  
PACKER DEPTH: 2026.0 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. : GLAVES  
MUD TYPE : CHEMICAL  
WEIGHT : 9.400 ppg  
CHLORIDES : 600 ppm  
JARS-MAKE :  
DID WELL FLOW?: NO  
VISCOSITY : 33.00 cp  
WATER LOSS: 8.000 cc  
SERIAL NUMBER:  
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK SURFACE BLOW - DIED  
IN 15 MINUTES. FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
5.0	0.0	0.0	0.0	100.0	MUD

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:	0.0246	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0246	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1005.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	20.00	20.00
INITIAL SHUT-IN	30.00		40.00
FINAL FLOW	30.00	30.00	30.00
FINAL SHUT-IN	30.00		30.00

FINAL HYDROSTATIC PRESSURE: 996.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 998.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	27.06	17.96
INITIAL SHUT-IN	30.00		24.36
FINAL FLOW	30.00	23.88	24.07
FINAL SHUT-IN	30.00		27.10

FINAL HYDROSTATIC PRESSURE: 987.00

Company: RANGE OIL COMPANY INC  
Well: #1 CUMMINS  
Field: TKT 22345 DST 3

[Wednesday: Aug. 20, 1997  
Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	19:16: 9	0.0000	27.06
5	0	19:17:14	0.0180	27.13
14	0	19:18:19	0.0359	29.71
23	0	19:19:23	0.0539	29.44
32	0	19:20:28	0.0719	28.19
41	0	19:21:33	0.0899	27.22
50	0	19:22:38	0.1079	26.26
59	0	19:23:43	0.1259	25.29
68	0	19:24:48	0.1440	24.32
77	0	19:25:52	0.1620	23.38
86	0	19:26:57	0.1800	22.43
95	0	19:28: 2	0.1980	21.79
104	0	19:29: 7	0.2160	21.39
113	0	19:30:12	0.2340	21.00
122	0	19:31:16	0.2520	20.61
131	0	19:32:21	0.2700	20.27
140	0	19:33:26	0.2879	19.94
149	0	19:34:31	0.3059	19.92
158	0	19:35:35	0.3239	19.65
167	0	19:36:40	0.3419	19.39
176	0	19:37:45	0.3599	19.12
185	0	19:38:50	0.3779	18.85
194	0	19:39:55	0.3959	18.58
203	0	19:40:59	0.4139	18.30
212	0	19:42: 4	0.4319	18.02
221	0	19:43: 9	0.4499	17.73
230	0	19:44:14	0.4679	17.45
239	0	19:45:18	0.4858	17.41
248	0	19:46:23	0.5038	17.48
257	0	19:47:28	0.5218	17.55
266	0	19:48:33	0.5398	17.73
275	0	19:49:37	0.5578	17.96
END FLOW 1				
START SHUTIN 1				
277	0	19:49:52	0.5618	18.01
284	0	19:50:42	0.5758	18.18
293	0	19:51:47	0.5937	18.41
302	0	19:52:52	0.6117	18.63
311	0	19:53:56	0.6297	18.86
320	0	19:55: 1	0.6477	19.08
329	0	19:56: 6	0.6657	19.31
338	0	19:57:10	0.6836	19.53
347	0	19:58:15	0.7016	19.76
356	0	19:59:20	0.7196	19.99
365	0	20: 0:25	0.7376	20.11
374	0	20: 1:29	0.7556	20.18
383	0	20: 2:34	0.7736	20.26
392	0	20: 3:39	0.7915	20.33
401	0	20: 4:44	0.8095	20.41
410	0	20: 5:48	0.8275	20.48
419	0	20: 6:53	0.8455	21.39
428	0	20: 7:58	0.8635	21.46
437	0	20: 9: 3	0.8814	21.54
446	0	20:10: 7	0.8994	21.61

Company: RANGE OIL COMPANY INC  
Well: #1 CUMMINS  
Field: TKT 22345 DST 3

[Wednesday: Aug. 20, 1997  
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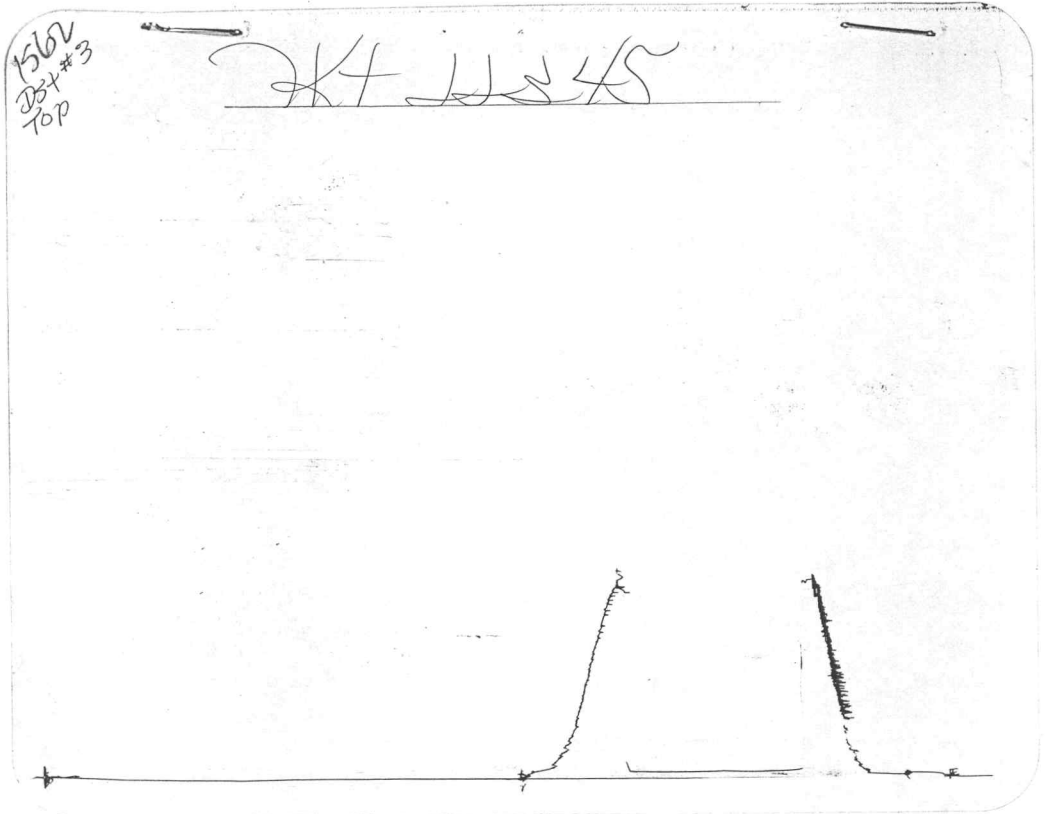
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
455	0	20:11:12	0.9174	22.52
464	0	20:12:17	0.9354	21.76
473	0	20:13:21	0.9534	22.67
482	0	20:14:26	0.9713	22.74
491	0	20:15:31	0.9893	22.81
500	0	20:16:36	1.0073	23.72
509	0	20:17:40	1.0253	23.79
518	0	20:18:45	1.0433	23.87
527	0	20:19:50	1.0612	23.94
536	0	20:20:55	1.0792	23.83
545	0	20:21:59	1.0972	23.63
554	0	20:23: 4	1.1152	23.43
563	0	20:24: 9	1.1332	23.51
572	0	20:25:14	1.1512	23.73
581	0	20:26:18	1.1692	23.95
590	0	20:27:23	1.1871	24.18
599	0	20:28:28	1.2051	24.40
608	0	20:29:33	1.2231	24.36
		END SHUTIN 1		
		START FLOW 2		
610	0	20:29:47	1.2271	23.88
617	0	20:30:37	1.2411	22.19
626	0	20:31:42	1.2591	22.26
635	0	20:32:47	1.2771	22.34
644	0	20:33:52	1.2951	22.41
653	0	20:34:56	1.3131	22.48
662	0	20:36: 1	1.3311	22.56
671	0	20:37: 6	1.3491	22.63
680	0	20:38:11	1.3670	22.71
689	0	20:39:15	1.3850	22.78
698	0	20:40:20	1.4030	22.85
707	0	20:41:25	1.4210	22.93
716	0	20:42:30	1.4390	23.00
725	0	20:43:34	1.4570	23.08
734	0	20:44:39	1.4750	22.32
743	0	20:45:44	1.4930	21.56
752	0	20:46:49	1.5109	21.63
761	0	20:47:54	1.5289	21.71
770	0	20:48:58	1.5469	21.78
779	0	20:50: 3	1.5649	21.86
788	0	20:51: 8	1.5829	21.93
797	0	20:52:12	1.6009	22.00
806	0	20:53:17	1.6188	22.91
815	0	20:54:22	1.6368	22.99
824	0	20:55:27	1.6548	23.06
833	0	20:56:31	1.6728	23.13
842	0	20:57:36	1.6908	23.32
851	0	20:58:41	1.7087	23.57
860	0	20:59:46	1.7267	23.82
869	0	21: 0:50	1.7447	24.07
		END FLOW 2		
		START SHUTIN 2		
873	0	21: 1:19	1.7527	24.18
878	0	21: 1:55	1.7627	24.32
887	0	21: 3: 0	1.7807	24.41

Company: RANGE OIL COMPANY INC  
Well: #1 CUMMINS  
Field: TKT 22345 DST 3

[Wednesday: Aug. 20, 1997  
Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
896	0	21: 4: 5	1.7987	24.49
905	0	21: 5: 9	1.8166	24.56
914	0	21: 6:14	1.8346	24.63
923	0	21: 7:19	1.8526	24.59
932	0	21: 8:23	1.8706	24.78
941	0	21: 9:28	1.8886	24.86
950	0	21:10:33	1.9066	24.93
959	0	21:11:38	1.9245	25.01
968	0	21:12:42	1.9425	25.08
977	0	21:13:47	1.9605	25.15
986	0	21:14:52	1.9785	25.23
995	0	21:15:57	1.9965	25.30
1004	0	21:17: 1	2.0145	25.32
1013	0	21:18: 6	2.0324	25.13
1022	0	21:19:11	2.0504	25.52
1031	0	21:20:16	2.0684	25.60
1040	0	21:21:20	2.0864	25.67
1049	0	21:22:25	2.1044	25.75
1058	0	21:23:30	2.1224	25.82
1067	0	21:24:35	2.1404	25.90
1076	0	21:25:39	2.1583	25.97
1085	0	21:26:44	2.1763	26.04
1094	0	21:27:49	2.1943	26.12
1103	0	21:28:54	2.2123	26.28
1112	0	21:29:58	2.2303	27.10

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder

DST REPORT

GENERAL INFORMATION

DATE : 8/21/97 TICKET : 22346  
CUSTOMER : RANGE OIL COMPANY INC LEASE : CUMMINS  
WELL : #1 TEST: 4 GEOLOGIST: BLAIR  
ELEVATION: 1182 GL FORMATION: SIMPSON  
SECTION : 8 TOWNSHIP : 21S  
RANGE : 14E COUNTY: COFFEY STATE : KS  
GAUGE SN#: 1562 RANGE : 3900 CLOCK : 12

WELL INFORMATION

PERFORATION INTERVAL FROM: 2044.00 ft TO: 2055.00 ft TVD: 2055.0 ft  
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL  
DEPTH OF RECORDERS: 2048.0 ft 2051.0 ft  
TEMPERATURE: 96.0

DRILL COLLAR LENGTH: 240.0 ft I.D.: 2.250 in  
WEIGHT PIPE LENGTH : 0.0 ft I.D.: 0.000 in  
DRILL PIPE LENGTH : 1784.0 ft I.D.: 3.800 in  
TEST TOOL LENGTH : 20.0 ft TOOL SIZE : 5.500 in  
ANCHOR LENGTH : 11.0 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: 2039.0 ft SIZE: 6.630 in  
PACKER DEPTH: 2044.0 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. : GLAVES  
MUD TYPE : CHEMICAL VISCOSITY : 33.00 cp  
WEIGHT : 9.400 ppg WATER LOSS: 8.000 cc  
CHLORIDES : 600 ppm  
JARS-MAKE :  
DID WELL FLOW?: NO SERIAL NUMBER:  
REVERSED OUT?: NO

COMMENTS

Comment

INITIAL FLOW PERIOD VERY WEAK SURFACE BLOW - DIED  
IN 18 MINUTES. FINAL FLOW PERIOD NO BLOW.

DST REPORT (CONTINUED)

FLUID RECOVERY

Feet of Fluid	%	%	%	%	Comments
Oil	Gas	Water	Mud		
20.0	0.1	0.0	0.0	99.9	OIL SPOTTED MUD
0.0	0.0	0.0	0.0	0.0	CHLORIDES 600 PPM

RATE INFORMATION

OIL VOLUME:	0.0001	STB	TOTAL FLOW TIME:	60.0000	min.
GAS VOLUME:	0.0000	SCF	AVERAGE OIL RATE:	2.3604	STB/D
MUD VOLUME:	0.0983	STB	AVERAGE WATER RATE:	0.0000	STB/D
WATER VOLUME:	0.0000	STB			
TOTAL FLUID :	0.0983	STB			

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1035.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	10.00	30.00
INITIAL SHUT-IN	30.00		678.00
FINAL FLOW	30.00	60.00	30.00
FINAL SHUT-IN	30.00		678.00

FINAL HYDROSTATIC PRESSURE: 1015.00

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1010.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	39.18	32.23
INITIAL SHUT-IN	30.00		667.61
FINAL FLOW	30.00	97.11	45.88
FINAL SHUT-IN	30.00		666.48

FINAL HYDROSTATIC PRESSURE: 960.00

Company: RANGE OIL COMPANY INC  
 Well: #1 CUMMINS  
 Field: TKT 22346 DST 4

[Thursday: Aug. 21, 1997]  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	5:25:12	0.0000	39.18
4	0	5:25:34	0.0060	39.20
9	0	5:26:10	0.0160	39.23
14	0	5:26:46	0.0260	39.26
19	0	5:27:22	0.0360	38.36
24	0	5:27:58	0.0460	38.39
29	0	5:28:34	0.0560	38.42
34	0	5:29:10	0.0660	37.52
39	0	5:29:46	0.0760	37.55
44	0	5:30:22	0.0860	36.64
49	0	5:30:58	0.0960	35.74
54	0	5:31:34	0.1060	34.83
59	0	5:32:10	0.1160	34.86
64	0	5:32:46	0.1260	34.89
69	0	5:33:22	0.1360	33.99
74	0	5:33:58	0.1460	33.08
79	0	5:34:34	0.1560	32.18
84	0	5:35:10	0.1660	33.15
89	0	5:35:45	0.1759	33.18
94	0	5:36:21	0.1859	33.21
99	0	5:36:57	0.1959	33.24
104	0	5:37:33	0.2059	33.27
109	0	5:38: 9	0.2159	33.31
114	0	5:38:45	0.2259	33.34
119	0	5:39:21	0.2359	33.37
124	0	5:39:57	0.2459	33.40
129	0	5:40:33	0.2559	32.50
134	0	5:41: 9	0.2659	31.59
139	0	5:41:45	0.2759	31.62
144	0	5:42:21	0.2859	31.65
149	0	5:42:57	0.2959	31.69
154	0	5:43:33	0.3059	31.72
159	0	5:44: 9	0.3158	31.75
164	0	5:44:45	0.3259	30.84
169	0	5:45:21	0.3359	30.55
174	0	5:45:57	0.3458	30.23
179	0	5:46:33	0.3558	30.00
184	0	5:47: 9	0.3658	30.03
189	0	5:47:45	0.3758	30.07
194	0	5:48:21	0.3858	30.10
199	0	5:48:57	0.3958	30.13
204	0	5:49:33	0.4058	30.16
209	0	5:50: 9	0.4158	30.19
214	0	5:50:45	0.4258	30.22
219	0	5:51:21	0.4358	30.26
224	0	5:51:57	0.4458	30.29
229	0	5:52:33	0.4558	30.32
234	0	5:53: 9	0.4657	32.23
END FLOW 1				
START SHUTIN 1				
239	0	5:53:45	0.4757	35.07
244	0	5:54:20	0.4855	45.42
249	0	5:54:55	0.4953	57.64
254	0	5:55:30	0.5050	78.30

Company: RANGE OIL COMPANY INC  
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
259	0	5:56: 5	0.5147	103.65
264	0	5:56:39	0.5241	140.25
269	0	5:57:12	0.5334	189.04
274	0	5:57:43	0.5419	294.08
279	0	5:58:16	0.5511	344.75
284	0	5:58:47	0.5598	436.67
289	0	5:59:22	0.5694	463.89
294	0	5:59:56	0.5789	499.55
299	0	6: 0:31	0.5886	515.25
304	0	6: 1: 6	0.5983	534.62
309	0	6: 1:42	0.6082	544.78
314	0	6: 2:17	0.6180	556.79
319	0	6: 2:52	0.6278	566.12
324	0	6: 3:28	0.6377	573.20
329	0	6: 4: 3	0.6476	579.83
334	0	6: 4:39	0.6575	585.86
339	0	6: 5:15	0.6674	591.23
344	0	6: 5:51	0.6774	595.94
349	0	6: 6:26	0.6873	600.06
354	0	6: 7: 2	0.6972	603.75
359	0	6: 7:38	0.7072	607.13
364	0	6: 8:14	0.7171	610.29
369	0	6: 8:50	0.7271	613.29
374	0	6: 9:25	0.7370	616.18
379	0	6:10: 1	0.7470	619.01
384	0	6:10:37	0.7569	621.78
389	0	6:11:13	0.7669	624.52
394	0	6:11:49	0.7768	627.22
399	0	6:12:24	0.7868	629.90
404	0	6:13: 0	0.7967	632.55
409	0	6:13:36	0.8067	635.19
414	0	6:14:12	0.8166	637.83
419	0	6:14:48	0.8266	639.42
424	0	6:15:24	0.8365	642.21
429	0	6:16: 0	0.8465	644.09
434	0	6:16:35	0.8565	645.96
439	0	6:17:11	0.8664	648.75
444	0	6:17:47	0.8764	649.71
449	0	6:18:23	0.8864	652.50
454	0	6:18:59	0.8963	653.45
459	0	6:19:35	0.9063	655.33
464	0	6:20:11	0.9163	657.20
469	0	6:20:47	0.9262	658.15
474	0	6:21:22	0.9362	660.03
479	0	6:21:58	0.9462	660.98
484	0	6:22:34	0.9561	662.85
489	0	6:23:10	0.9661	663.80
494	0	6:23:46	0.9761	664.76
499	0	6:24:22	0.9861	665.71
504	0	6:24:58	0.9960	665.86
509	0	6:25:34	1.0060	666.72
514	0	6:26:10	1.0160	666.76
519	0	6:26:46	1.0260	667.58
524	0	6:27:22	1.0360	667.61
		END SHUTIN 1		
		START FLOW 2		
525	0	6:31:56	1.1123	97.11

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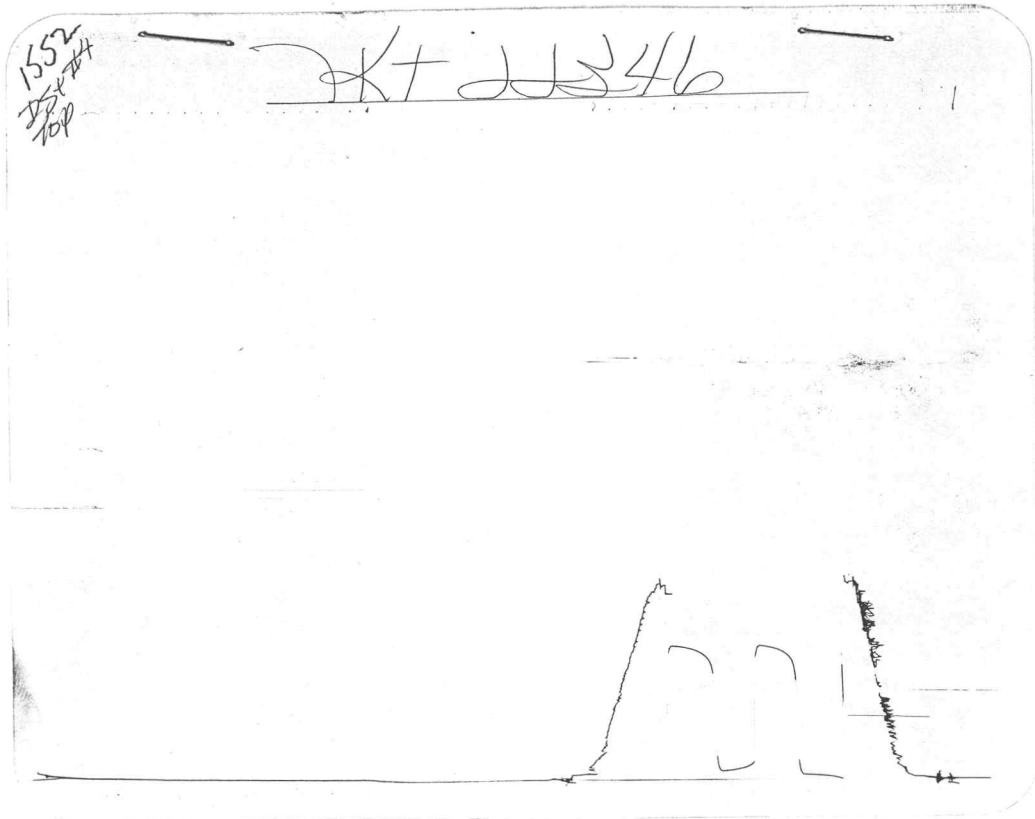
REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
530	0	6:32:32	1.1222	97.15
535	0	6:33: 8	1.1322	96.24
540	0	6:33:44	1.1423	92.52
545	0	6:34:20	1.1523	89.74
550	0	6:34:57	1.1624	86.02
555	0	6:35:33	1.1724	84.18
560	0	6:36: 9	1.1824	81.40
565	0	6:36:45	1.1925	76.24
570	0	6:37:21	1.2025	73.74
575	0	6:37:57	1.2125	71.25
580	0	6:38:33	1.2226	68.76
585	0	6:39: 9	1.2326	66.27
590	0	6:39:46	1.2426	63.77
595	0	6:40:22	1.2527	62.32
600	0	6:40:58	1.2627	60.88
605	0	6:41:34	1.2727	59.43
610	0	6:42:10	1.2827	57.98
615	0	6:42:46	1.2927	56.53
620	0	6:43:22	1.3027	55.08
625	0	6:43:58	1.3127	52.25
630	0	6:44:34	1.3227	51.47
635	0	6:45:10	1.3327	50.69
640	0	6:45:46	1.3428	49.90
645	0	6:46:22	1.3528	49.12
650	0	6:46:58	1.3628	48.34
655	0	6:47:34	1.3728	47.55
660	0	6:48:10	1.3828	46.77
665	0	6:48:46	1.3928	45.99
670	0	6:49:22	1.4028	45.44
675	0	6:49:58	1.4128	45.26
680	0	6:50:34	1.4228	45.08
685	0	6:51:10	1.4327	44.90
690	0	6:51:46	1.4427	44.72
695	0	6:52:22	1.4527	44.54
700	0	6:52:58	1.4627	44.36
705	0	6:53:34	1.4727	44.18
710	0	6:54:10	1.4827	44.88
715	0	6:54:46	1.4927	44.88
720	0	6:55:22	1.5027	44.99
725	0	6:55:58	1.5127	45.88
		END FLOW 2		
		START SHUTIN 2		
728	0	6:56:19	1.5186	49.65
730	0	6:56:33	1.5225	54.35
735	0	6:57: 8	1.5322	75.01
740	0	6:57:43	1.5419	99.42
745	0	6:58:18	1.5516	121.02
750	0	6:58:51	1.5608	172.62
755	0	6:59:24	1.5701	223.28
760	0	6:59:57	1.5791	289.89
765	0	7: 0:29	1.5880	361.18
770	0	7: 1: 2	1.5973	411.84
775	0	7: 1:37	1.6069	440.01
780	0	7: 2:10	1.6162	485.98
785	0	7: 2:46	1.6259	503.76

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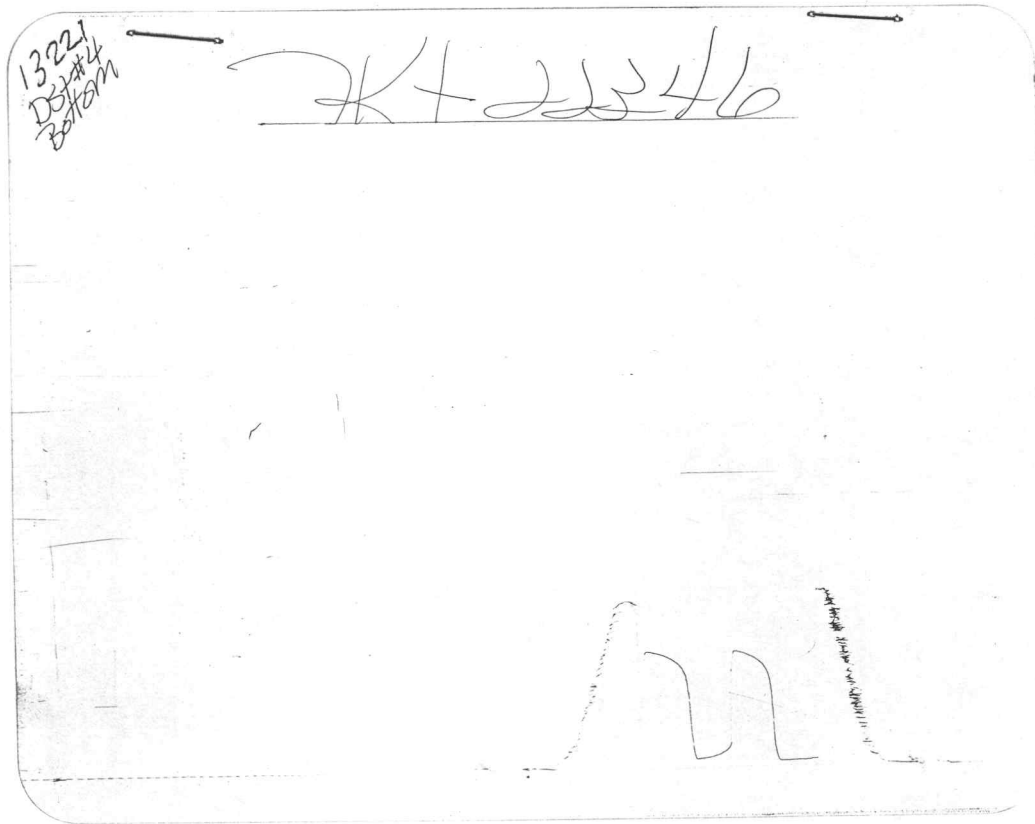
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
790	0	7: 3:20	1.6356	525.90
795	0	7: 3:56	1.6454	539.03
800	0	7: 4:31	1.6552	549.15
805	0	7: 5: 6	1.6651	558.16
810	0	7: 5:42	1.6750	565.87
815	0	7: 6:18	1.6849	572.41
820	0	7: 6:53	1.6948	577.96
825	0	7: 7:29	1.7047	582.81
830	0	7: 8: 5	1.7146	587.18
835	0	7: 8:41	1.7246	591.20
840	0	7: 9:16	1.7345	594.96
845	0	7: 9:52	1.7444	598.52
850	0	7:10:28	1.7544	601.94
855	0	7:11: 4	1.7643	605.24
860	0	7:11:40	1.7743	608.46
865	0	7:12:15	1.7842	611.61
870	0	7:12:51	1.7942	614.70
875	0	7:13:27	1.8041	617.74
880	0	7:14: 3	1.8141	620.73
885	0	7:14:39	1.8240	623.70
890	0	7:15:14	1.8340	626.67
895	0	7:15:50	1.8439	628.79
900	0	7:16:26	1.8539	631.58
905	0	7:17: 2	1.8638	634.38
910	0	7:17:38	1.8738	636.25
915	0	7:18:14	1.8837	638.12
920	0	7:18:49	1.8937	640.00
925	0	7:19:25	1.9037	641.87
930	0	7:20: 1	1.9136	643.75
935	0	7:20:37	1.9236	644.70
940	0	7:21:13	1.9336	646.57
945	0	7:21:49	1.9436	647.52
950	0	7:22:25	1.9535	649.40
955	0	7:23: 1	1.9635	650.35
960	0	7:23:37	1.9735	652.22
965	0	7:24:13	1.9834	653.17
970	0	7:24:48	1.9934	654.13
975	0	7:25:24	2.0034	656.00
980	0	7:26: 0	2.0134	656.95
985	0	7:26:36	2.0234	657.90
990	0	7:27:12	2.0333	658.86
995	0	7:27:48	2.0433	660.73
1000	0	7:28:24	2.0533	661.68
1005	0	7:29: 0	2.0633	662.64
1010	0	7:29:36	2.0732	662.67
1015	0	7:30:12	2.0832	664.54
1020	0	7:30:48	2.0932	664.57
1025	0	7:31:24	2.1032	665.52
1030	0	7:31:59	2.1131	665.62
1035	0	7:32:35	2.1232	665.59
1040	0	7:33:11	2.1331	666.48

WESTERN TESTING CO., INC.



Inside Recorder



Outside Recorder