

Computer Inventoried

DST REPORT

GENERAL INFORMATION

DATE : 11-01-1997
CUSTOMER : MALONE OIL & GAS COMPANY
WELL : 4 TEST: 1
ELEVATION: 1780 K.B.
SECTION : 18
RANGE : 9W COUNTY: RICE
GAUGE SN#: 2604 RANGE : 4150

15-159-22357
TICKET : 22656
LEASE : E MALONE
GEOLOGIST: WAYNE LEBSACK
FORMATION: ARBUCKLE
TOWNSHIP : 20S
STATE : KS
CLOCK : 12 HR.

WELL INFORMATION

PERFORATION INTERVAL FROM: 3266.00 ft TO: 3310.00 ft TVD: 3310.0 ft
DEPTH OF SELECTIVE ZONE: TEST TYPE: OIL
DEPTH OF RECORDERS: 3271.0 ft 3274.0 ft
TEMPERATURE: 109.0

DRILL COLLAR LENGTH:	29.0 ft	I.D.:	2.250 in
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:	0.000 in
DRILL PIPE LENGTH :	3210.0 ft	I.D.:	3.800 in
TEST TOOL LENGTH :	27.0 ft	TOOL SIZE :	5.500 in
ANCHOR LENGTH :	44.0 ft	ANCHOR SIZE:	5.500 in
SURFACE CHOKE SIZE :	7.500 in	BOTTOM CHOKE SIZE:	7.500 in
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :	4.5 XH
PACKER DEPTH:	3261.0 ft	SIZE:	6.630 in
PACKER DEPTH:	3266.0 ft	SIZE:	6.630 in
PACKER DEPTH:	2315.0 ft	SIZE:	6.630 in
PACKER DEPTH:	0.0 ft	SIZE:	0.000 in

MUD INFORMATION

DRILLING CON. :	VONFELDT RIG #1		
MUD TYPE :	CHEMICAL	VISCOSITY :	52.00 cp
WEIGHT :	9.400 ppg	WATER LOSS:	9.200 cc
CHLORIDES :	5000 ppm		
JARS-MAKE :	W.T.C.	SERIAL NUMBER:	414
DID WELL FLOW?:	NO	REVERSED OUT?:	NO

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW BOTTOM OF BUCKET
IN 1/2 MIN.
FINAL FLOW PERIOD STRONG BLOW BOTTOM OF BUCKET IN

FEB 20 1998

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

1/2 MIN.

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
0.0	0.0	0.0	0.0	0.0	147 FT. GAS ABOVE FLUID
305.0	66.0	0.0	9.0	25.0	HEAVY OIL CUT MUD
1186.0	16.0	52.0	22.0	10.0	GASSY WATERY OIL CUT MUD
1000.0	0.0	0.0	100.0	0.0	WATER CHL. 13000

RATE INFORMATION

OIL VOLUME: 5.4851 STB
 GAS VOLUME: 48.5716 SCF
 MUD VOLUME: 2.7330 STB
 WATER VOLUME: 17.8070 STB
 TOTAL FLUID : 26.0252 STB

TOTAL FLOW TIME: 60.0000 min.
 AVERAGE OIL RATE: 171.0419 STB/D
 AVERAGE WATER RATE: 453.5619 STB/D

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1629.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	688.00	949.00
INITIAL SHUT-IN	30.00		1085.00
FINAL FLOW	30.00	1106.00	1127.00
FINAL SHUT-IN	30.00		1148.00

FINAL HYDROSTATIC PRESSURE: 1598.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1634.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	717.93	927.65
INITIAL SHUT-IN	30.00		1060.69
FINAL FLOW	30.00	1060.69	1068.44
FINAL SHUT-IN	30.00		1088.86

FINAL HYDROSTATIC PRESSURE: 1603.00

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #1
Field: TKT #22656

[Saturday: Nov. 1, 1997]
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)

START FLOW 1				
1	0	0: 0:43	0.0000	717.93
6	0	0: 1:19	0.0100	716.22
11	0	0: 1:55	0.0200	714.52
16	0	0: 2:31	0.0301	713.68
21	0	0: 3: 7	0.0401	711.11
26	0	0: 3:43	0.0501	709.41
31	0	0: 4:19	0.0601	708.58
36	0	0: 4:55	0.0701	708.61
41	0	0: 5:31	0.0801	708.64
46	0	0: 6: 7	0.0901	708.67
51	0	0: 6:43	0.1001	709.57
56	0	0: 7:19	0.1100	711.34
61	0	0: 7:55	0.1200	713.10
66	0	0: 8:30	0.1299	715.74
71	0	0: 9: 6	0.1399	718.37
76	0	0: 9:42	0.1498	722.74
81	0	0:10:18	0.1597	727.98
86	0	0:10:53	0.1696	732.35
91	0	0:11:29	0.1795	737.58
96	0	0:12: 5	0.1894	742.82
101	0	0:12:40	0.1993	748.92
106	0	0:13:16	0.2092	754.16
111	0	0:13:51	0.2191	761.13
116	0	0:14:27	0.2290	768.96
121	0	0:15: 2	0.2388	776.80
126	0	0:15:38	0.2487	784.64
131	0	0:16:13	0.2585	794.21
136	0	0:16:49	0.2683	802.92
141	0	0:17:24	0.2782	810.75
146	0	0:18: 0	0.2881	817.73
151	0	0:18:35	0.2980	823.83
156	0	0:19:11	0.3078	830.80
161	0	0:19:47	0.3177	836.03
166	0	0:20:22	0.3276	842.14
171	0	0:20:58	0.3375	849.11
176	0	0:21:33	0.3474	855.21
181	0	0:22: 9	0.3573	859.58
186	0	0:22:45	0.3672	865.68
191	0	0:23:20	0.3771	871.79
196	0	0:23:56	0.3870	877.02
201	0	0:24:31	0.3969	882.26
206	0	0:25: 7	0.4068	887.49
211	0	0:25:43	0.4167	891.86
216	0	0:26:19	0.4266	896.23
221	0	0:26:54	0.4365	900.60
226	0	0:27:30	0.4465	904.97
231	0	0:28: 6	0.4564	909.34
236	0	0:28:41	0.4663	913.70
241	0	0:29:17	0.4762	919.81
246	0	0:29:52	0.4860	927.65
END FLOW 1				
START SHUTIN 1				
249	0	0:30:14	0.4919	933.74
251	0	0:30:28	0.4959	937.22

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #1
Field: TKT #22656

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
256	0	0:31: 3	0.5057	945.06
261	0	0:31:39	0.5156	952.89
266	0	0:32:14	0.5254	960.73
271	0	0:32:50	0.5353	965.97
276	0	0:33:26	0.5452	971.20
281	0	0:34: 1	0.5552	976.44
286	0	0:34:37	0.5651	980.81
291	0	0:35:13	0.5750	985.18
296	0	0:35:48	0.5849	989.54
301	0	0:36:24	0.5948	993.05
306	0	0:37: 0	0.6048	995.68
311	0	0:37:36	0.6147	998.31
316	0	0:38:12	0.6247	1001.85
321	0	0:38:47	0.6346	1005.43
326	0	0:39:23	0.6445	1009.00
331	0	0:39:59	0.6545	1010.81
336	0	0:40:35	0.6644	1014.38
341	0	0:41:10	0.6744	1016.19
346	0	0:41:46	0.6843	1019.76
351	0	0:42:22	0.6943	1022.45
356	0	0:42:58	0.7042	1025.14
361	0	0:43:34	0.7142	1026.95
366	0	0:44:10	0.7241	1028.75
371	0	0:44:45	0.7341	1031.44
376	0	0:45:21	0.7440	1033.25
381	0	0:45:57	0.7540	1035.05
386	0	0:46:33	0.7640	1036.85
391	0	0:47: 9	0.7739	1038.66
396	0	0:47:45	0.7839	1039.58
401	0	0:48:21	0.7939	1042.27
406	0	0:48:57	0.8038	1043.19
411	0	0:49:32	0.8138	1045.88
416	0	0:50: 8	0.8238	1046.79
421	0	0:50:44	0.8337	1048.60
426	0	0:51:20	0.8437	1050.40
431	0	0:51:56	0.8537	1051.32
436	0	0:52:32	0.8636	1053.12
441	0	0:53: 8	0.8736	1054.04
446	0	0:53:44	0.8836	1054.96
451	0	0:54:19	0.8935	1055.88
456	0	0:54:55	0.9035	1057.68
461	0	0:55:31	0.9135	1057.72
466	0	0:56: 7	0.9235	1058.64
471	0	0:56:43	0.9335	1059.55
476	0	0:57:19	0.9434	1059.59
481	0	0:57:55	0.9534	1060.50
486	0	0:58:31	0.9634	1061.42
491	0	0:59: 7	0.9734	1061.46
496	0	0:59:43	0.9834	1062.37
501	0	1: 0:19	0.9934	1062.41
506	0	1: 0:55	1.0034	1061.55
		END SHUTIN 1		
		START FLOW 2		
510	0	1: 1:24	1.0114	1060.69
511	0	1: 1:31	1.0134	1060.70

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #1
Field: TKT #22656

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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
516	0	1: 2: 7	1.0234	1058.96
521	0	1: 2:43	1.0334	1058.11
526	0	1: 3:19	1.0434	1057.26
531	0	1: 3:55	1.0534	1056.40
536	0	1: 4:31	1.0634	1055.55
541	0	1: 5: 7	1.0734	1054.70
546	0	1: 5:43	1.0834	1053.84
551	0	1: 6:19	1.0934	1053.88
556	0	1: 6:55	1.1034	1053.91
561	0	1: 7:31	1.1134	1053.06
566	0	1: 8: 7	1.1234	1053.09
571	0	1: 8:43	1.1334	1052.23
576	0	1: 9:19	1.1434	1052.27
581	0	1: 9:55	1.1534	1052.30
586	0	1:10:31	1.1634	1052.33
591	0	1:11: 7	1.1734	1052.37
596	0	1:11:43	1.1834	1052.40
601	0	1:12:19	1.1934	1052.43
606	0	1:12:55	1.2033	1053.35
611	0	1:13:31	1.2133	1053.38
616	0	1:14: 7	1.2233	1053.41
621	0	1:14:43	1.2333	1054.33
626	0	1:15:19	1.2433	1055.25
631	0	1:15:54	1.2533	1056.17
636	0	1:16:30	1.2632	1057.09
641	0	1:17: 6	1.2732	1057.12
646	0	1:17:42	1.2832	1058.04
651	0	1:18:18	1.2932	1058.07
656	0	1:18:54	1.3032	1058.99
661	0	1:19:30	1.3132	1059.02
666	0	1:20: 6	1.3231	1059.94
671	0	1:20:42	1.3331	1060.86
676	0	1:21:18	1.3431	1061.78
681	0	1:21:54	1.3531	1061.81
686	0	1:22:30	1.3631	1062.73
691	0	1:23: 6	1.3730	1062.76
696	0	1:23:42	1.3830	1063.68
701	0	1:24:18	1.3930	1063.71
706	0	1:24:53	1.4030	1064.63
711	0	1:25:29	1.4130	1064.66
716	0	1:26: 5	1.4230	1065.58
721	0	1:26:41	1.4329	1066.50
726	0	1:27:17	1.4429	1066.53
731	0	1:27:53	1.4529	1066.57
736	0	1:28:29	1.4629	1067.48
741	0	1:29: 5	1.4729	1068.40
746	0	1:29:41	1.4829	1068.44
		END FLOW 2		
		START SHUTIN 2		
750	0	1:30:10	1.4908	1069.35
751	0	1:30:17	1.4928	1069.35
756	0	1:30:53	1.5028	1069.39
761	0	1:31:29	1.5128	1070.30
766	0	1:32: 5	1.5228	1071.22
771	0	1:32:41	1.5328	1072.14

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #1
Field: TKT #22656

[Saturday: Nov. 1, 1997]
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
776	0	1:33:17	1.5428	1072.17
781	0	1:33:53	1.5527	1073.09
786	0	1:34:28	1.5627	1074.01
791	0	1:35: 4	1.5727	1074.04
796	0	1:35:40	1.5827	1074.08
801	0	1:36:16	1.5927	1074.99
806	0	1:36:52	1.6027	1075.03
811	0	1:37:28	1.6126	1075.95
816	0	1:38: 4	1.6226	1076.86
821	0	1:38:40	1.6326	1076.90
826	0	1:39:16	1.6426	1077.81
831	0	1:39:52	1.6526	1077.85
836	0	1:40:28	1.6625	1078.77
841	0	1:41: 4	1.6725	1078.80
846	0	1:41:40	1.6825	1079.72
851	0	1:42:16	1.6925	1079.75
856	0	1:42:52	1.7025	1079.78
861	0	1:43:28	1.7125	1079.81
866	0	1:44: 4	1.7225	1080.73
871	0	1:44:40	1.7325	1080.77
876	0	1:45:16	1.7425	1080.80
881	0	1:45:51	1.7524	1081.72
886	0	1:46:27	1.7624	1081.75
891	0	1:47: 3	1.7724	1081.78
896	0	1:47:39	1.7824	1082.70
901	0	1:48:15	1.7924	1082.73
906	0	1:48:51	1.8024	1082.77
911	0	1:49:27	1.8124	1082.80
916	0	1:50: 3	1.8223	1083.72
921	0	1:50:39	1.8323	1083.75
926	0	1:51:15	1.8423	1083.78
931	0	1:51:51	1.8523	1084.70
936	0	1:52:27	1.8623	1084.73
941	0	1:53: 3	1.8723	1084.77
946	0	1:53:39	1.8823	1084.80
951	0	1:54:15	1.8923	1084.83
956	0	1:54:51	1.9022	1085.75
961	0	1:55:27	1.9122	1086.67
966	0	1:56: 3	1.9222	1086.70
971	0	1:56:39	1.9322	1086.73
976	0	1:57:15	1.9422	1086.77
981	0	1:57:51	1.9522	1086.80
986	0	1:58:27	1.9622	1086.83
991	0	1:59: 3	1.9722	1086.86
996	0	1:59:38	1.9822	1086.90
1001	0	2: 0:14	1.9921	1087.82
1006	0	2: 0:50	2.0021	1087.85
1011	0	2: 1:26	2.0121	1087.88
1016	0	2: 2: 2	2.0221	1087.91
1021	0	2: 2:38	2.0321	1087.95
1026	0	2: 3:14	2.0421	1088.86

WESTERN TESTING CO., INC.

2604
DST. 1

TK# 22656
I.

Inside Recorder

3849
DST. 1

TK# 22656
O



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 22656

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

Elevation _____ Formation Arbuckel Eff. Pay _____ Ft.

District Colby Date 11-1-97 Customer Order No. _____
COMPANY NAME Malone Oil & Gas Co
ADDRESS 1591 Rugby Circle Thousand Oaks, Ca. 91360
LEASE AND WELL NO. Malone COUNTY Rice STATE Kans Sec. 18 Twp. 20 S Rge. 9 W
Mail Invoice To _____ Co. Name _____ Address _____ No. Copies Requested reg
Mail Charts To _____ Co. Name _____ Address _____ No. Copies Requested reg

Formation Test No. DST 1 Interval Tested From 3266 ft. to 3310 ft. Total Depth 3310 ft.
Packer Depth 3266 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3266 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3271 ft. Recorder Number 1955-2604 Cap. 4150
Bottom Recorder Depth (Outside) 3274 ft. Recorder Number 3849 Cap. 4200
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Vonfeldt & Drig #1 Drill Collar Length 29 I. D. 2.2 in.
Mud Type Chem Viscosity 52 Weight Pipe Length _____ I. D. _____ in.
Weight 9.4 Water Loss 9.2 cc. Drill Pipe Length 3210 I. D. 3.8 in.
Chlorides 5,000 P.P.M. Test Tool Length 27 ft. Tool Size 5 1/2 in.
Jars: Make Western Serial Number 414 Anchor Length 44 ft. Size 5 1/2 in.
Did Well Flow? _____ Reversed Out _____ 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 4 in.

Blow: IF-Strong blow, off bottom of bucket in 1/2 min
FF-Strong blow, off bottom of bucket in 1/2 min.

Recovered 147 ft. of gas in pipe
Recovered 305 ft. of Moem 66% oil 25% mud 8% water
Recovered 1186 ft. of gassy warty Ocm 52% gas 22% water 16% oil 10% mud
Recovered 100 ft. of water
Recovered 2491 ft. of total fluid recovery
Chlorides 13,000 P.P.M. Sample Jars used _____ Remarks: _____

Time On Location 8:25 A.M. Time Pick Up Tool 11:45 A.M. Time Off Location _____ A.M.
Time Set Packer(s) 1121 A.M. Time Started Off Bottom 3:21 A.M. Maximum Temperature 109°
Initial Hydrostatic Pressure _____ (A) 1629 P.S.I.
Initial Flow Period _____ Minutes 30 (B) 688 P.S.I. to (C) 949 P.S.I.
Initial Closed In Period _____ Minutes 30 (D) 1085 P.S.I.
Final Flow Period _____ Minutes 30 (E) 1106 P.S.I. to (F) 1127 P.S.I.
Final Closed In Period _____ Minutes 30 (G) 1148 P.S.I.
Final Hydrostatic Pressure _____ (H) 1598 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 Marion Malone
Signature of Customer or his authorized representative

Western Representative Steve Eichenlaub

Thanks

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. \$ _____
Fax \$ _____

DST REPORT

GENERAL INFORMATION

DATE	: 11-02-1997	TICKET	: 22636
CUSTOMER	: MALONE OIL & GAS COMPANY	LEASE	: E MALONE
WELL	: 4	TEST:	: 2
ELEVATION	: 1780 K.B.	GEOLOGIST	: WAYNE LEBSACK
SECTION	: 18	FORMATION	: TARKIO
RANGE	: 9W	TOWNSHIP	: 20S
GAUGE SN#	: 6234	STATE	: KS
		CLOCK	: 12 HR.
	COUNTY: RICE		
	RANGE : 4500		

WELL INFORMATION

PERFORATION INTERVAL FROM:	2228.00 ft	TO:	2315.00 ft	TVD:	3360.0 ft
DEPTH OF SELECTIVE ZONE:				TEST TYPE:	OIL
DEPTH OF RECORDERS:	2231.0 ft		2295.0 ft		
TEMPERATURE:	100.0				
DRILL COLLAR LENGTH:	0.0 ft	I.D.:		0.000 in	
WEIGHT PIPE LENGTH :	0.0 ft	I.D.:		0.000 in	
DRILL PIPE LENGTH :	2202.0 ft	I.D.:		3.800 in	
TEST TOOL LENGTH :	26.0 ft	TOOL SIZE :		5.500 in	
ANCHOR LENGTH :	87.0 ft	ANCHOR SIZE:		5.500 in	
SURFACE CHOKE SIZE :	7.500 in	BOTTOM CHOKE SIZE:		7.500 in	
MAIN HOLE SIZE :	7.875 in	TOOL JOINT SIZE :		4.5 XH	
PACKER DEPTH:	2223.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	2228.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	2315.0 ft	SIZE:		6.630 in	
PACKER DEPTH:	0.0 ft	SIZE:		0.000 in	

MUD INFORMATION

DRILLING CON. :	VONFELOT RIG #1	VISCOSITY :	46.00 cp
MUD TYPE :	CHEMICAL	WATER LOSS:	10.200 cc
WEIGHT :	9.300 ppg	SERIAL NUMBER:	12369
CHLORIDES :	5000 ppm	REVERSED OUT?:	NO
JARS-MAKE :	W.T.C.		
DID WELL FLOW?:	YES		

COMMENTS

Comment

INITIAL FLOW PERIOD STRONG BLOW BOTTOM OF BUCKET
IN 1 MIN GAS TO SURFACE IN 9 MINS. NOT ENOUGH TO
GAUGE

DST REPORT (CONTINUED)

COMMENTS (CONTINUED)

Comment

FINAL FLOW PERIOD STRONG BLOW BOTTOM OF BUCKET IN
6 MINS. NOT ENOUGH TO GAUGE

FLUID RECOVERY

Feet of Fluid	% Oil	% Gas	% Water	% Mud	Comments
270.0	0.0	20.0	0.0	80.0	GASSY DRILLING MUD
0.0	0.0	0.0	0.0	0.0	GAS TO SURFACE TO WEAK TO
0.0	0.0	0.0	0.0	0.0	MEASURE DID BURN

RATE INFORMATION

OIL VOLUME:	0.0000 STB		
GAS VOLUME:	4.2529 SCF	TOTAL FLOW TIME:	90.0000 min.
MUD VOLUME:	3.0297 STB	AVERAGE OIL RATE:	0.0000 STB/D
WATER VOLUME:	0.0000 STB	AVERAGE WATER RATE:	0.0000 STB/D
TOTAL FLUID :	3.0297 STB		

FIELD TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1132.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	126.00	126.00
INITIAL SHUT-IN	30.00		1032.00
FINAL FLOW	60.00	240.00	246.00
FINAL SHUT-IN	30.00		450.00

FINAL HYDROSTATIC PRESSURE: 1120.00

DST REPORT (CONTINUED)

OFFICE TIME & PRESSURE INFORMATION

INITIAL HYDROSTATIC PRESSURE: 1141.00

Description	Duration	p1	p End
INITIAL FLOW	30.00	203.62	145.96
INITIAL SHUT-IN	30.00		1032.82
FINAL FLOW	60.00	272.89	223.71
FINAL SHUT-IN	30.00		458.32

FINAL HYDROSTATIC PRESSURE: 1129.00

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #2
Field: TKT #22636

[Sunday: Nov. 2, 1997]
Page 1

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
START FLOW 1				
1	0	0: 1: 0	0.0000	203.62
6	0	0: 1:36	0.0101	195.04
11	0	0: 2:12	0.0201	188.37
16	0	0: 2:48	0.0301	183.62
21	0	0: 3:24	0.0401	178.86
26	0	0: 4: 0	0.0501	175.05
31	0	0: 4:36	0.0602	172.20
36	0	0: 5:12	0.0702	169.35
41	0	0: 5:49	0.0802	166.50
46	0	0: 6:25	0.0902	163.65
51	0	0: 7: 1	0.1002	160.80
56	0	0: 7:37	0.1102	158.91
61	0	0: 8:13	0.1202	157.01
66	0	0: 8:49	0.1302	155.12
71	0	0: 9:25	0.1402	154.18
76	0	0:10: 1	0.1502	153.24
81	0	0:10:37	0.1602	152.30
86	0	0:11:13	0.1702	151.36
91	0	0:11:49	0.1802	150.42
96	0	0:12:25	0.1902	149.48
101	0	0:13: 1	0.2002	148.54
106	0	0:13:37	0.2102	148.55
111	0	0:14:13	0.2202	147.61
116	0	0:14:49	0.2302	147.63
121	0	0:15:25	0.2402	146.69
126	0	0:16: 0	0.2502	146.70
131	0	0:16:36	0.2602	146.72
136	0	0:17:12	0.2702	146.73
141	0	0:17:48	0.2801	145.79
146	0	0:18:24	0.2901	145.81
151	0	0:19: 0	0.3001	145.82
156	0	0:19:36	0.3101	145.84
161	0	0:20:12	0.3201	145.85
166	0	0:20:48	0.3301	145.87
171	0	0:21:24	0.3401	145.88
176	0	0:22: 0	0.3501	145.90
181	0	0:22:36	0.3601	145.91
186	0	0:23:12	0.3701	145.93
191	0	0:23:48	0.3801	145.94
196	0	0:24:24	0.3901	145.96
END FLOW 1				
199	0	0:25:36	0.4099	1069.71
204	0	0:26:12	0.4200	1055.60
208	0	0:26:42	0.4285	989.72
START SHUTIN 1				
209	0	0:26:50	0.4306	971.91
212	0	0:27:13	0.4369	916.60
216	0	0:27:43	0.4454	844.41
221	0	0:28:20	0.4557	794.73
226	0	0:28:58	0.4660	747.86
231	0	0:29:34	0.4762	718.81
236	0	0:30:11	0.4864	696.32
241	0	0:30:47	0.4965	673.83
246	0	0:31:24	0.5066	661.66

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #2
Field: TKT #22636

[Sunday: Nov. 2, 1997]
Page 2

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
251	0	0:32: 0	0.5166	654.17
256	0	0:32:36	0.5267	644.81
261	0	0:33:12	0.5367	639.20
266	0	0:33:48	0.5467	633.59
271	0	0:34:24	0.5567	629.85
276	0	0:35: 0	0.5668	625.18
281	0	0:35:36	0.5768	622.38
286	0	0:36:12	0.5868	619.58
291	0	0:36:48	0.5968	615.84
296	0	0:37:24	0.6068	613.98
301	0	0:38: 0	0.6168	611.18
306	0	0:38:36	0.6268	609.32
311	0	0:39:12	0.6368	609.34
316	0	0:39:48	0.6468	608.42
321	0	0:40:24	0.6568	607.49
326	0	0:41: 0	0.6668	606.57
331	0	0:41:36	0.6768	605.65
336	0	0:42:12	0.6868	605.66
341	0	0:42:48	0.6968	605.68
346	0	0:43:24	0.7068	605.69
351	0	0:44: 0	0.7168	605.70
356	0	0:44:36	0.7268	605.72
361	0	0:45:12	0.7368	605.73
366	0	0:45:48	0.7467	605.75
371	0	0:46:24	0.7567	605.76
376	0	0:47: 0	0.7667	605.78
381	0	0:47:36	0.7767	605.79
386	0	0:48:12	0.7867	605.81
391	0	0:48:48	0.7967	605.82
396	0	0:49:24	0.8067	605.84
401	0	0:50: 0	0.8167	605.85
406	0	0:50:36	0.8267	605.87
411	0	0:51:12	0.8367	605.88
416	0	0:51:48	0.8467	605.89
421	0	0:52:24	0.8566	605.91
426	0	0:53: 0	0.8666	605.92
431	0	0:53:36	0.8766	605.00
436	0	0:54:12	0.8866	605.02
441	0	0:54:48	0.8966	605.03
446	0	0:55:23	0.9064	639.74
451	0	0:55:58	0.9162	674.45
456	0	0:56:33	0.9259	709.15
461	0	0:57: 8	0.9356	746.67
467	0	0:57:45	0.9457	1032.82
END SHUTIN 1				
START FLOW 2				
471	0	1: 0: 5	0.9847	272.89
476	0	1: 0:41	0.9948	267.17
481	0	1: 1:17	1.0048	261.46
486	0	1: 1:53	1.0148	255.74
491	0	1: 2:29	1.0248	250.98
496	0	1: 3: 5	1.0349	249.09
501	0	1: 3:41	1.0449	246.24
506	0	1: 4:17	1.0549	244.34
511	0	1: 4:53	1.0649	241.49

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #2
Field: TKT #22636

[Sunday: Nov. 2, 1997]
Page 3

REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
516	0	1: 5:29	1.0749	239.60
521	0	1: 6: 5	1.0849	237.70
526	0	1: 6:41	1.0949	235.81
531	0	1: 7:17	1.1049	234.87
536	0	1: 7:53	1.1149	233.93
541	0	1: 8:29	1.1249	232.99
546	0	1: 9: 5	1.1349	232.05
551	0	1: 9:41	1.1449	230.16
556	0	1:10:17	1.1549	229.22
561	0	1:10:53	1.1649	228.28
566	0	1:11:29	1.1749	227.34
571	0	1:12: 5	1.1849	226.40
576	0	1:12:41	1.1949	226.41
581	0	1:13:17	1.2049	226.43
586	0	1:13:53	1.2148	225.49
591	0	1:14:29	1.2248	224.55
596	0	1:15: 5	1.2348	224.56
601	0	1:15:41	1.2448	224.58
606	0	1:16:17	1.2548	223.64
611	0	1:16:53	1.2648	223.65
616	0	1:17:29	1.2748	223.66
621	0	1:18: 5	1.2848	222.72
626	0	1:18:41	1.2948	222.74
631	0	1:19:17	1.3048	222.75
636	0	1:19:53	1.3148	222.77
641	0	1:20:29	1.3248	222.78
646	0	1:21: 5	1.3348	222.80
651	0	1:21:41	1.3448	222.81
656	0	1:22:17	1.3547	222.83
661	0	1:22:53	1.3647	222.84
666	0	1:23:29	1.3747	222.86
671	0	1:24: 5	1.3847	222.87
676	0	1:24:41	1.3947	222.89
681	0	1:25:17	1.4047	222.90
686	0	1:25:53	1.4147	222.92
691	0	1:26:29	1.4247	222.93
696	0	1:27: 5	1.4347	222.95
701	0	1:27:41	1.4447	222.96
706	0	1:28:17	1.4547	222.98
711	0	1:28:53	1.4647	222.99
716	0	1:29:29	1.4746	223.01
721	0	1:30: 5	1.4846	223.02
726	0	1:30:41	1.4946	223.04
731	0	1:31:17	1.5046	223.05
736	0	1:31:52	1.5146	223.07
741	0	1:32:28	1.5246	223.08
746	0	1:33: 4	1.5346	223.10
751	0	1:33:40	1.5446	223.11
756	0	1:34:16	1.5546	223.13
761	0	1:34:52	1.5646	223.14
766	0	1:35:28	1.5746	223.16
771	0	1:36: 4	1.5846	223.17
776	0	1:36:40	1.5945	223.19
781	0	1:37:16	1.6046	223.20
786	0	1:37:52	1.6145	223.22

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #2
Field: TKT #22636

[Sunday: Nov. 2, 1997]
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
791	0	1:38:28	1.6245	223.23
796	0	1:39: 4	1.6345	223.25
801	0	1:39:40	1.6445	223.26
806	0	1:40:16	1.6545	223.28
811	0	1:40:52	1.6645	223.29
816	0	1:41:28	1.6745	223.31
821	0	1:42: 4	1.6845	223.32
826	0	1:42:40	1.6945	223.34
831	0	1:43:16	1.7045	223.35
836	0	1:43:52	1.7145	223.37
841	0	1:44:28	1.7244	223.38
846	0	1:45: 4	1.7344	223.40
851	0	1:45:40	1.7444	223.41
856	0	1:46:16	1.7544	223.42
861	0	1:46:52	1.7644	223.44
866	0	1:47:28	1.7744	223.45
871	0	1:48: 4	1.7844	223.47
876	0	1:48:40	1.7944	223.48
881	0	1:49:16	1.8044	223.50
886	0	1:49:52	1.8144	223.51
891	0	1:50:28	1.8244	223.53
896	0	1:51: 4	1.8343	223.54
901	0	1:51:39	1.8443	223.56
906	0	1:52:15	1.8543	223.57
911	0	1:52:51	1.8643	223.59
916	0	1:53:27	1.8743	223.60
921	0	1:54: 3	1.8843	223.62
926	0	1:54:39	1.8943	223.63
931	0	1:55:15	1.9043	223.65
936	0	1:55:51	1.9143	223.66
941	0	1:56:27	1.9243	223.68
946	0	1:57: 3	1.9343	223.69
951	0	1:57:39	1.9443	223.71
		END FLOW 2		
		START SHUTIN 2		
953	0	1:57:54	1.9482	224.67
956	0	1:58:15	1.9542	225.63
961	0	1:58:51	1.9642	230.42
966	0	1:59:27	1.9741	238.08
971	0	2: 0: 3	1.9841	245.73
976	0	2: 0:38	1.9940	253.38
981	0	2: 1:14	2.0040	261.04
986	0	2: 1:50	2.0139	268.69
991	0	2: 2:26	2.0238	277.30
996	0	2: 3: 1	2.0338	285.91
1001	0	2: 3:37	2.0437	294.52
1006	0	2: 4:13	2.0537	303.12
1011	0	2: 4:49	2.0636	309.82
1016	0	2: 5:25	2.0735	316.52
1021	0	2: 6: 0	2.0835	325.13
1026	0	2: 6:36	2.0934	331.83
1031	0	2: 7:12	2.1034	338.53
1036	0	2: 7:48	2.1133	346.18
1041	0	2: 8:24	2.1233	353.84
1046	0	2: 8:59	2.1332	361.49

Company: MALONE OIL & GAS COMPANY
Well: E MALONE #4 DST #2
Field: TKT #22636

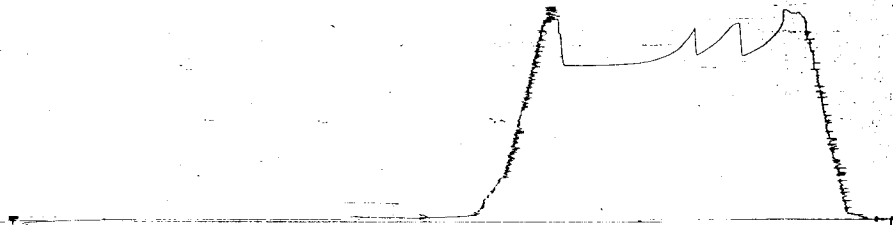
[Sunday: Nov. 2, 1997]
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REC #	DAY	REAL TIME	DT (HRS)	BHP (PSIA)
1051	0	2: 9:35	2.1432	367.23
1056	0	2:10:11	2.1531	372.02
1061	0	2:10:47	2.1631	377.77
1066	0	2:11:23	2.1730	382.56
1071	0	2:11:59	2.1830	386.39
1076	0	2:12:35	2.1930	391.18
1081	0	2:13:10	2.2029	395.97
1086	0	2:13:46	2.2129	400.76
1091	0	2:14:22	2.2229	404.59
1096	0	2:14:58	2.2328	408.43
1101	0	2:15:34	2.2428	413.22
1106	0	2:16:10	2.2527	417.05
1111	0	2:16:46	2.2627	421.84
1116	0	2:17:21	2.2727	425.67
1121	0	2:17:57	2.2826	429.51
1126	0	2:18:33	2.2926	433.34
1131	0	2:19: 9	2.3026	437.18
1136	0	2:19:45	2.3125	440.06
1141	0	2:20:21	2.3225	443.89
1146	0	2:20:57	2.3325	446.77
1151	0	2:21:33	2.3425	449.65
1156	0	2:22: 9	2.3524	451.57
1161	0	2:22:45	2.3624	454.45
1166	0	2:23:20	2.3724	455.42
1171	0	2:23:56	2.3824	457.35
1176	0	2:24:32	2.3924	458.32

WESTERN TESTING CO., INC.

DST #8
ROCK #
13547
BELOW STRADDLE

TK #22635
Below Straddle



Inside Recorder

DST #2
Roc# 11018
INSIDE TOP

RECORDER DAMMED

TR# 22635

7

Inside Recorder

DST #2
Roc# 6234
INSIDE BTM

TR# 22635

0





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 22636

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1780 K.B Formation TARKIO Eff. Pay _____ Ft.District GREAT BOND Date 11-7-97 Customer Order No. _____COMPANY NAME MALONE OIL & GAS COMPANYADDRESS 1591 RUGBY CIRCLE THOUSAND OAKS CA 91360LEASE AND WELL NO. E-MALONE #4 COUNTY RICE STATE KS Sec. 18 Twp. 20S Rge. 9EMail Invoice To SAMMY SEND + FINAL COPY TO No. Copies Requested 100Co. Name WATSON LBSACK Address _____Mail Charts To SEND 1 GAS SAMPLE ANALYSIS TO MALONE + LBSACK No. Copies Requested 1Formation Test No. 2 Interval Tested From 2228 ft. to 2315 ft. Total Depth 3360 ft.Packer Depth 2223 ft. Size 6 5/8 in. Packer Depth 2315 ft. Size 6 5/8 in.Packer Depth 2228 ft. Size 6 5/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 2231 ft. Recorder Number 11018 Cap. 4425 PSIBottom Recorder Depth (Outside) 2295 ft. Recorder Number 6234 Cap. 4500 PSIBelow Straddle Recorder Depth 2320 ft. Recorder Number 13547 Cap. 4200 PSIDrilling Contractor VONFELDT DRILLING RIG Drill Collar Length 0 I. D. _____ in.Mud Type CHEMICAL Viscosity 46 Weight Pipe Length 0 I. D. _____ in.Weight 9.3 Water Loss 10.2 cc. Drill Pipe Length 2202 I. D. 3.8 in.Chlorides 5,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 in.Jars: Make WESTERN Serial Number 12369 Anchor Length 27 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 in.Blow: 1ST FLOW: STRONG BLOW B.O.B IN 1 MINUTE GAS TO SURFACE IN 9 MIN
2ND FLOW: STRONG BLOW B.O.B IN 6 MINUTES NOT ENOUGH TO GORGERecovered 270 ft. of GASSY DRILLING MUD (20% GAS 80% MUD)

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used _____ Remarks: TAILPIPE LENGTH 1445 FTGAS DID BURN TOOK GAS SAMPLE AND1ST SHUT-IN INVALID; LOST PACKER SEAT SHUTTING TOOL INTime On Location 11:00 A.M. Time Pick Up Tool 12:30 P.M. Time Off Location _____ A.M.Time Set Packer(s) 4:00 P.M. Time Started Off Bottom 2:00 P.M. Maximum Temperature 100°Initial Hydrostatic Pressure _____ (A) 1132 P.S.I.Initial Flow Period _____ Minutes 30 (B) 126 P.S.I. to (C) 126 P.S.I.Initial Closed In Period _____ Minutes 30 (D) INVALID P.S.I.Final Flow Period _____ Minutes 60 (E) 240 P.S.I. to (F) 246 P.S.I.Final Closed In Period _____ Minutes 60 (G) 450 P.S.I.Final Hydrostatic Pressure _____ (H) 1120 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 WAYNE LBSACK
Signature of Customer or his authorized representativeWestern Representative John Reed

FIELD INVOICE

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