

SUBSURFACE PRESSURE SURVEY

DATE	:	2-8-86	TICKET	:	8959
CUSTOMER	:	MARMAC PETROLEUM COMPANY	LEASE	:	WRIGHT
WELL	:	1	TEST:	:	1
ELEVATION	:		GEOLOGIST	:	MCGINNESS
SECTION	:	28	FORMATION	:	VIOLA
RANGE	:	13W	TOWNSHIP	:	29S
GAUGE SN#	:	3086	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4500		12

INTERVAL FROM	:	4479	TO	:	4510	TOTAL DEPTH	:	4510
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4474	SIZE	:	6 5/8			
PACKER DEPTH	:	4479	SIZE	:	6 5/8			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	RED TIGER DRLG			
MUD TYPE	:	LOW SOLIDS	VISCOSITY	:	49
WEIGHT	:	9.2	WATER LOSS (CC)	:	10.4
CHLORIDES (PPM)	:	4400			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	1095	FT	I.D. inch	:	2.70
DRILL PIPE LENGTH	:	3363	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	21	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	31	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST.
 BLOW COMMENT #2 :
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

RECOVERED	:	55	FT	OF:	GAS CUT MUD.	0.39 Barrels
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
RECOVERED	:	0	FT	OF:	0.00 Barrels	
Total Barrels =	:	0.4		Total Production =	:	6.2 Bpd

REMARK 1 : SLIGHT OIL CUT MUD ON TOP OF TOOL.
 REMARK 2 : RECOVERED 1750 FEET OF GAS ABOVE FLUID.
 REMARK 3 :
 REMARK 4 :

SET PACKER(S)	:	9:55 AM	TIME STARTED OFF BOTTOM	:	1:40 PM
WELL TEMPERATURE	:	121			
INITIAL HYDROSTATIC PRESSURE			(A)	:	2279
INITIAL FLOW PERIOD	MIN:	30	(B)	:	43
INITIAL CLOSED IN PERIOD	MIN:	42	(D)	:	46
FINAL FLOW PERIOD	MIN:	60	(E)	:	42
FINAL CLOSED IN PERIOD	MIN:	90	(G)	:	332
FINAL HYDROSTATIC PRESSURE			(H)	:	2188

Pressure Transient Report

DATA FILE.....

COMPANY.....MARMAC PETROLEUM COMPANY

DATE OF TEST.....2-8-86

FIELD NAME.....WRIGHT

WELL NAME.....1

LOCATION.....PRATT-KANSAS

JOB NUMBER.....8959

GAUGE NUMBER.....3086

GAUGE DEPTH.....4510

COMMENTS

SLIGHT OIL CUT MUD ON TOP OF TOOL.
RECOVERED 1750 FEET OF GAS ABOVE FLUID.

START UP TIME	(mo/da/yr)	(hr:min:sec)
	2./8/86.	9.: 55.: 0.

COMPANY : MARMAC PETROLEUM COMPANY FIELD : WRIGHT
WELL : 1 JOB # : 8959
GAUGE # : 3086 DEPTH : 4510
MON/DAY : 2/ 8

PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	9:55: 0	0 0.000	43.00	121.0	0.00	0.00
2	10: 0: 0	5 0.083	43.00	121.0	0.00	0.00
3	10: 5: 0	10 0.167	43.00	121.0	0.00	0.00
4	10:10: 0	15 0.250	43.00	121.0	0.00	0.00
5	10:15: 0	20 0.333	43.00	121.0	0.00	0.00
6	10:20: 0	25 0.417	43.00	121.0	0.00	0.00
7	10:25: 0	30 0.500	43.00	121.0	0.00	0.00
8	10:28: 0	33 0.550	43.00	121.0	0.00	0.00
9	10:31: 0	36 0.600	43.00	121.0	0.00	0.00
10	10:34: 0	39 0.650	43.00	121.0	0.00	0.00
11	10:37: 0	42 0.700	43.00	121.0	0.00	0.00
12	10:40: 0	45 0.750	43.00	121.0	0.00	0.00
13	10:43: 0	48 0.800	43.00	121.0	0.00	0.00
14	10:46: 0	51 0.850	43.00	121.0	0.00	0.00
15	10:49: 0	54 0.900	43.00	121.0	0.00	0.00
16	10:52: 0	57 0.950	43.00	121.0	0.00	0.00
17	10:55: 0	60 1.000	43.00	121.0	0.00	0.00
18	10:58: 0	63 1.050	43.00	121.0	0.00	0.00
19	11: 1: 0	66 1.100	43.00	121.0	0.00	0.00
20	11: 4: 0	69 1.150	43.00	121.0	0.00	0.00
21	11: 7: 0	72 1.200	46.00	121.0	3.00	60.01
22	11: 8: 0	73 1.217	42.00	121.0	1.00	-239.18
23	11:12: 0	77 1.283	42.00	121.0	1.00	0.00
24	11:17: 0	82 1.367	42.00	121.0	1.00	0.00
25	11:22: 0	87 1.450	42.00	121.0	1.00	0.00
26	11:27: 0	92 1.533	42.00	121.0	1.00	0.00
27	11:32: 0	97 1.617	42.00	121.0	1.00	0.00
28	11:37: 0	102 1.700	42.00	121.0	1.00	0.00
29	11:42: 0	107 1.783	42.00	121.0	1.00	0.00
30	11:47: 0	112 1.867	42.00	121.0	1.00	0.00
31	11:52: 0	117 1.950	42.00	121.0	1.00	0.00
32	11:57: 0	122 2.033	42.00	121.0	1.00	0.00
33	12: 2: 0	127 2.117	42.00	121.0	1.00	0.00
34	12: 7: 0	132 2.200	42.00	121.0	1.00	0.00
35	12:10: 0	135 2.250	45.00	121.0	2.00	59.94
36	12:13: 0	138 2.300	71.00	121.0	28.00	520.13
37	12:16: 0	141 2.350	102.00	121.0	59.00	620.15
38	12:19: 0	144 2.400	128.00	121.0	85.00	520.13
39	12:22: 0	147 2.450	149.00	121.0	106.00	420.10
40	12:25: 0	150 2.500	171.00	121.0	128.00	439.57
41	12:28: 0	153 2.550	190.00	121.0	147.00	380.09
42	12:31: 0	156 2.600	203.00	121.0	160.00	260.06
43	12:34: 0	159 2.650	216.00	121.0	173.00	260.06
44	12:37: 0	162 2.700	227.00	121.0	184.00	220.05
45	12:40: 0	165 2.750	237.00	121.0	194.00	199.80
46	12:43: 0	168 2.800	246.00	121.0	203.00	180.04
47	12:46: 0	171 2.850	255.00	121.0	212.00	180.04
48	12:49: 0	174 2.900	264.00	121.0	221.00	180.04
49	12:52: 0	177 2.950	272.00	121.0	229.00	160.04

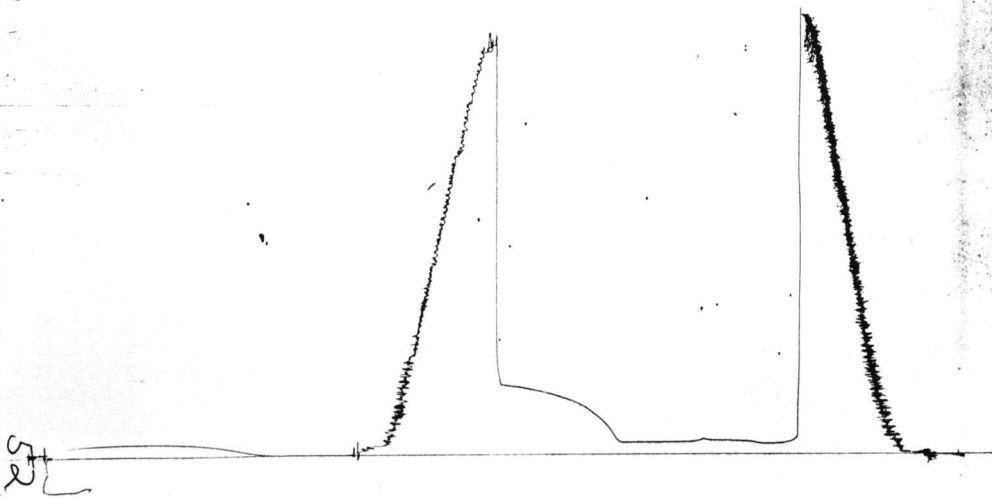
COMPANY : MARMAC PETROLEUM COMPANY FIELD : WRIGHT
WELL : 1 JOB # : 8959
GAUGE # : 3086 DEPTH : 4510
MON/DAY : 2/ 8

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS	HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	12:55: 0	180	3.000	277.00	121.0	234.00	99.90
51	12:58: 0	183	3.050	282.00	121.0	239.00	100.02
52	13: 1: 0	186	3.100	287.00	121.0	244.00	100.02
53	13: 4: 0	189	3.150	292.00	121.0	249.00	100.02
54	13: 7: 0	192	3.200	297.00	121.0	254.00	100.02
55	13:10: 0	195	3.250	302.00	121.0	259.00	99.90
56	13:13: 0	198	3.300	307.00	121.0	264.00	100.02
57	13:16: 0	201	3.350	312.00	121.0	269.00	100.02
58	13:19: 0	204	3.400	316.00	121.0	273.00	80.02
59	13:22: 0	207	3.450	320.00	121.0	277.00	80.02
60	13:25: 0	210	3.500	323.00	121.0	280.00	59.94
61	13:28: 0	213	3.550	326.00	121.0	283.00	60.01
62	13:31: 0	216	3.600	328.00	121.0	285.00	40.01
63	13:34: 0	219	3.650	330.00	121.0	287.00	40.01
64	13:37: 0	222	3.700	332.00	121.0	289.00	40.01

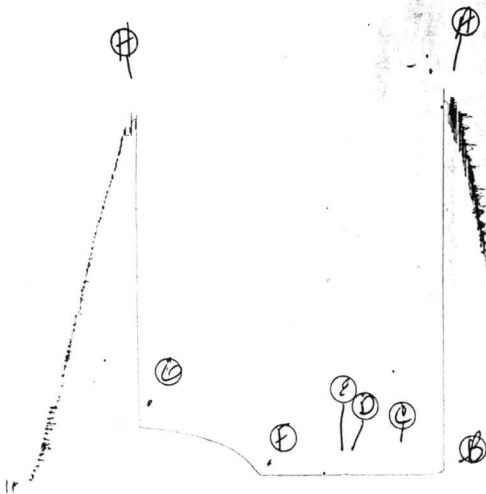
Ut #8959

○



St # 8959

I



SUBSURFACE PRESSURE SURVEY

DATE	:	2-9-86	TICKET	:	8960
CUSTOMER	:	MARMAC PETROLEUM COMPANY	LEASE	:	WRIGHT
WELL	:	1	TEST:	:	2
ELEVATION	:		GEOLOGIST	:	MCGINNESS
SECTION	:	28	FORMATION	:	SIMPSON
RANGE	:	13W	TOWNSHIP	:	29S
Gauge SN#	:	3086	STATE	:	KANSAS
		COUNTY :	RANGE :		CLOCK :
			4500		12

INTERVAL FROM	:	4598	TO	:	4613	TOTAL DEPTH	:	4613
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4593	SIZE	:	6 5/8			
PACKER DEPTH	:	4598	SIZE	:	6 5/8			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	RED TIGER DRLG			
MUD TYPE	:	LOW SOLIDS	VISCOSITY	:	50
WEIGHT	:	9.2	WATER LOSS (CC)	:	13.2
CHLORIDES (PPM)	:	9000			
JARS-MAKE	:		SERIAL NUMBER	:	
DID WELL FLOW ?	:	NO	REVERSED OUT ?	:	NO

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	1095	FT	I.D. inch	:	2.70
DRILL PIPE LENGTH	:	3482	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	21	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	15	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5 FH

BLOW COMMENT #1 : STRONG BLOW THROUGHOUT TEST.
 BLOW COMMENT #2 :
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

RECOVERED	:	390	FT OF: HVY OIL & GAS CUT MUD.	2.76 Barrels
RECOVERED	:	0	FT OF: (40% OIL).	0.00 Barrels
RECOVERED	:	300	FT OF: GASSY SALT WATER.	2.12 Barrels
RECOVERED	:	0	FT OF: CHLORIDES 58000 PPM.	0.00 Barrels
RECOVERED	:	0	FT OF:	0.00 Barrels
RECOVERED	:	0	FT OF:	0.00 Barrels
RECOVERED	:	0	FT OF:	0.00 Barrels
RECOVERED	:	0	FT OF:	0.00 Barrels
RECOVERED	:	0	FT OF:	0.00 Barrels
Total Barrels =		4.9	Total Production =	82.8 Bpd

REMARK 1 : RECOVERED 2070 FEET OF GAS ABOVE FLUID.
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S)	:	6:55 AM	TIME STARTED OFF BOTTOM	:	10:10 AM
WELL TEMPERATURE	:	126			
INITIAL HYDROSTATIC PRESSURE			(A)	2348	
INITIAL FLOW PERIOD	MIN:	30	(B)	63	PSI TO (C) : 106
INITIAL CLOSED IN PERIOD	MIN:	45	(D)	666	
FINAL FLOW PERIOD	MIN:	55	(E)	199	PSI TO (F) : 293
FINAL CLOSED IN PERIOD	MIN:	69	(G)	672	
FINAL HYDROSTATIC PRESSURE			(H)	2235	

Pressure Transient Report

DATA FILE.....

COMPANY.....MARMAC PETROLEUM COMPANY

DATE OF TEST.....2-9-86

FIELD NAME.....WRIGHT

WELL NAME.....1

LOCATION.....PRATT-KANSAS

JOB NUMBER.....8960

GAUGE NUMBER.....3086

GAUGE DEPTH.....4613

COMMENTS

RECOVERED 2070 FEET OF GAS ABOVE FLUID.

START UP TIME	(mo/da/yr)	(hr:min:sec)
	2./9/86.	6.: 55.: 0.

COMPANY : MARMAC PETROLEUM COMPANY FIELD : WRIGHT
WELL : 1 JOB # : 8960
GAUGE # : 3086 DEPTH : 4613
MON/DAY : 2/ 9

PAGE 1

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	6:55: 0	0 0.000	63.00	126.0	0.00	40.01
2	7: 0: 0	5 0.083	63.00	126.0	0.00	0.00
3	7: 5: 0	10 0.167	66.00	126.0	3.00	36.01
4	7:10: 0	15 0.250	76.00	126.0	13.00	119.94
5	7:15: 0	20 0.333	81.00	126.0	18.00	60.01
6	7:20: 0	25 0.417	89.00	126.0	26.00	96.02
7	7:25: 0	30 0.500	106.00	126.0	43.00	203.90
8	7:28: 0	33 0.550	537.00	126.0	474.00	8622.11
9	7:31: 0	36 0.600	609.00	126.0	546.00	1440.35
10	7:34: 0	39 0.650	639.00	126.0	576.00	600.15
11	7:37: 0	42 0.700	651.00	126.0	588.00	240.06
12	7:40: 0	45 0.750	655.00	126.0	592.00	79.92
13	7:43: 0	48 0.800	657.00	126.0	594.00	40.01
14	7:46: 0	51 0.850	659.00	126.0	596.00	40.01
15	7:49: 0	54 0.900	661.00	126.0	598.00	40.01
16	7:52: 0	57 0.950	662.00	126.0	599.00	20.00
17	7:55: 0	60 1.000	663.00	126.0	600.00	19.98
18	7:58: 0	63 1.050	664.00	126.0	601.00	20.00
19	8: 1: 0	66 1.100	665.00	126.0	602.00	20.00
20	8: 4: 0	69 1.150	666.00	126.0	603.00	20.00
21	8: 7: 0	72 1.200	666.00	126.0	603.00	0.00
22	8:10: 0	75 1.250	666.00	126.0	603.00	0.00
23	8:11: 0	76 1.267	199.00	126.0	136.00	-28026.84
24	8:15: 0	80 1.333	199.00	126.0	136.00	0.00
25	8:20: 0	85 1.417	199.00	126.0	136.00	0.00
26	8:25: 0	90 1.500	201.00	126.0	138.00	23.99
27	8:30: 0	95 1.583	213.00	126.0	150.00	144.04
28	8:35: 0	100 1.667	222.00	126.0	159.00	108.03
29	8:40: 0	105 1.750	232.00	126.0	169.00	119.94
30	8:45: 0	110 1.833	242.00	126.0	179.00	120.03
31	8:50: 0	115 1.917	252.00	126.0	189.00	120.03
32	8:55: 0	120 2.000	264.00	126.0	201.00	143.93
33	9: 0: 0	125 2.083	277.00	126.0	214.00	156.04
34	9: 5: 0	130 2.167	293.00	126.0	230.00	192.05
35	9: 8: 0	133 2.217	560.00	126.0	497.00	5334.79
36	9:11: 0	136 2.267	621.00	126.0	558.00	1220.30
37	9:14: 0	139 2.317	642.00	126.0	579.00	420.10
38	9:17: 0	142 2.367	650.00	126.0	587.00	160.04
39	9:20: 0	145 2.417	653.00	126.0	590.00	60.01
40	9:23: 0	148 2.467	659.00	126.0	596.00	119.88
41	9:26: 0	151 2.517	667.00	126.0	604.00	160.04
42	9:29: 0	154 2.567	669.00	126.0	606.00	40.01
43	9:32: 0	157 2.617	671.00	126.0	608.00	40.01
44	9:35: 0	160 2.667	672.00	126.0	609.00	20.00
45	9:38: 0	163 2.717	672.00	126.0	609.00	0.00
46	9:41: 0	166 2.767	672.00	126.0	609.00	0.00
47	9:44: 0	169 2.817	672.00	126.0	609.00	0.00
48	9:47: 0	172 2.867	672.00	126.0	609.00	0.00
49	9:50: 0	175 2.917	672.00	126.0	609.00	0.00

COMPANY : MARMAC PETROLEUM COMPANY FIELD : WRIGHT

WELL : 1 JOB # : 8960

GAUGE # : 3086 DEPTH : 4613

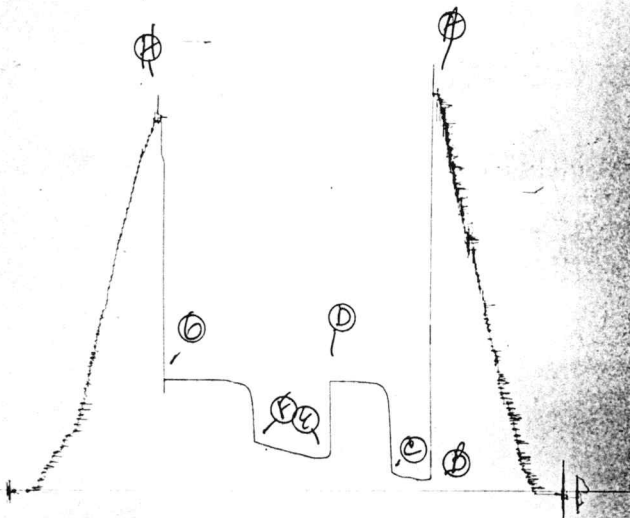
MON/DAY : 2/ 9

PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	9:53: 0	178 2.967	672.00	126.0	609.00	0.00
51	9:56: 0	181 3.017	672.00	126.0	609.00	0.00
52	9:59: 0	184 3.067	672.00	126.0	609.00	0.00
53	10: 2: 0	187 3.117	672.00	126.0	609.00	0.00
54	10: 5: 0	190 3.167	672.00	126.0	609.00	0.00
55	10: 8: 0	193 3.217	672.00	126.0	609.00	0.00
56	10:11: 0	196 3.267	672.00	126.0	609.00	0.00
57	10:14: 0	199 3.317	672.00	126.0	609.00	0.00

St # 8960

I



U4 # 8960
O

