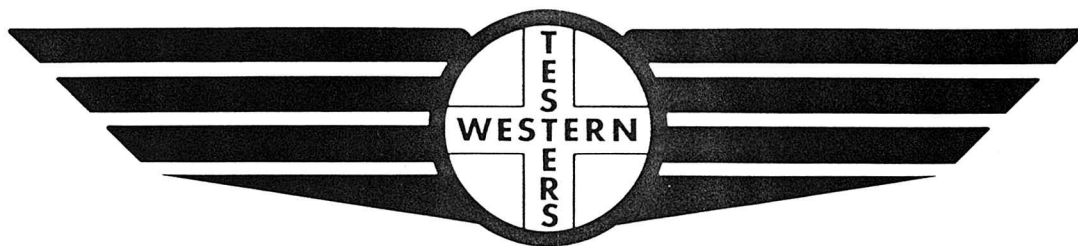


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY GENERAL OIL COMPANY, INC. LEASE & WELL NO. #1 HAAS SEC. 2 TWP. 27S RGE. 12W TEST NO. 1 DATE 3/26/86

SUBSURFACE PRESSURE SURVEY

DATE : 3-26-86 TICKET : 9446
 CUSTOMER : GENERAL OIL COMPANY INC. LEASE : HAAS
 WELL : 1 TEST: 1 GEOLOGIST : BREWER
 ELEVATION : FORMATION : MISSISSIPPI
 SECTION : 2 TOWNSHIP : 27S
 RANGE : 12W COUNTY : PRATT STATE : KANSAS
 GAUGE SN# : 2606 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4156 TO : 4206 TOTAL DEPTH : 4206

DEPTH OF SELECTIVE ZONE :
 PACKER DEPTH : 4151 SIZE : 6 5/8
 PACKER DEPTH : 4156 SIZE : 6 5/8
 PACKER DEPTH : SIZE :
 PACKER DEPTH : SIZE :

DRILLING CON. : ALDEBARAN DRLG
 MUD TYPE : MONPAC VISCOSITY : 56
 WEIGHT : 9.3 WATER LOSS (CC) : 10.4
 CHLORIDES (PPM) : 15000
 JARS-MAKE : NO SERIAL NUMBER :
 DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 430 FT I.D. inch : 2.25
 WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
 DRILL PIPE LENGTH : 3706 FT I.D. inch : 3.80
 TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
 ANCHOR LENGTH : 50 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 : INITIAL FLOW PERIOD STRONG BLOW IN 3 MINUTES.
 BLOW COMMENT #2 : FINAL FLOW PERIOD STRONG BLOW. NO GAS TO
 BLOW COMMENT #3 : SURFACE.
 BLOW COMMENT #4 :

RECOVERED : 120 FT OF: GAS & OIL CUT MUD. 0.59 Barrels
 RECOVERED : 0 FT OF: (15%GAS; 5%OIL; 80%MUD). 0.00 Barrels
 RECOVERED : 30 FT OF: GAS & OIL CUT WTRY MUD. 0.15 Barrels
 RECOVERED : 0 FT OF: (15%G; 5%O; 30%W; 50%M). 0.00 Barrels
 RECOVERED : 0 FT OF: CHLORIDES 34000 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
 Total Barrels = 0.7 Total Production = 12.5 Bpd

REMARK 1 : RECOVERED 580 FEET OF GAS ABOVE FLUID.
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 9:30 AM TIME STARTED OFF BOTTOM : 1:15 PM
 WELL TEMPERATURE : 124
 INITIAL HYDROSTATIC PRESSURE (A) 2119
 INITIAL FLOW PERIOD MIN: 25 (B) 54 PSI TO (C) : 62
 INITIAL CLOSED IN PERIOD MIN: 48 (D) 1005
 FINAL FLOW PERIOD MIN: 60 (E) 83 PSI TO (F) : 84
 FINAL CLOSED IN PERIOD MIN: 87 (G) 1188
 FINAL HYDROSTATIC PRESSURE (H) 2105

Pressure Transient Report

DATA FILE.....

COMPANY.....GENERAL OIL COMPANY INC.

DATE OF TEST.....3-26-86

FIELD NAME.....HAAS

WELL NAME.....1

LOCATION.....PRATT-KANSAS

JOB NUMBER.....9446

GAUGE NUMBER.....2606

GAUGE DEPTH.....4206

COMMENTS

RECOVERED 580 FEET OF GAS ABOVE FLUID.

START UP TIME	(mo/da/yr)	(hr:min:sec)
	3./26/86.	9.: 30.: 0.

COMPANY : GENERAL OIL COMPANY INC. . FIELD : HAAS
WELL : 1 JOB # : 9446
GAUGE # : 2606 DEPTH : 4206
MON/DAY : 3/26

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	9:30: 0	0 0.000	54.00	124.0	0.00	0.00
2	9:35: 0	5 0.083	54.00	124.0	0.00	0.00
3	9:40: 0	10 0.167	54.00	124.0	0.00	0.00
4	9:45: 0	15 0.250	54.00	124.0	0.00	0.00
5	9:50: 0	20 0.333	56.00	124.0	2.00	23.99
6	9:55: 0	25 0.417	62.00	124.0	8.00	72.07
7	9:58: 0	28 0.467	83.00	124.0	29.00	419.59
8	10: 1: 0	31 0.517	115.00	124.0	61.00	639.38
9	10: 4: 0	34 0.567	170.00	124.0	116.00	1101.61
10	10: 7: 0	37 0.617	227.00	124.0	173.00	1138.89
11	10:10: 0	40 0.667	290.00	124.0	236.00	1261.85
12	10:13: 0	43 0.717	362.00	124.0	308.00	1438.60
13	10:16: 0	46 0.767	433.00	124.0	379.00	1418.61
14	10:19: 0	49 0.817	513.00	124.0	459.00	1602.35
15	10:22: 0	52 0.867	591.00	124.0	537.00	1558.48
16	10:25: 0	55 0.917	668.00	124.0	614.00	1542.26
17	10:28: 0	58 0.967	738.00	124.0	684.00	1398.63
18	10:31: 0	61 1.017	802.00	124.0	748.00	1278.75
19	10:34: 0	64 1.067	862.00	124.0	808.00	1201.76
20	10:37: 0	67 1.117	913.00	124.0	859.00	1019.00
21	10:40: 0	70 1.167	952.00	124.0	898.00	781.14
22	10:43: 0	73 1.217	1005.00	124.0	951.00	1058.97
23	10:44: 0	74 1.233	83.00	124.0	29.00	-55536.94
24	10:48: 0	78 1.300	83.00	124.0	29.00	0.00
25	10:53: 0	83 1.383	83.00	124.0	29.00	0.00
26	10:58: 0	88 1.467	83.00	124.0	29.00	0.00
27	11: 3: 0	93 1.550	83.00	124.0	29.00	0.00
28	11: 8: 0	98 1.633	83.00	124.0	29.00	0.00
29	11:13: 0	103 1.717	84.00	124.0	30.00	11.99
30	11:18: 0	108 1.800	84.00	124.0	30.00	0.00
31	11:23: 0	113 1.883	84.00	124.0	30.00	0.00
32	11:28: 0	118 1.967	84.00	124.0	30.00	0.00
33	11:33: 0	123 2.050	84.00	124.0	30.00	0.00
34	11:38: 0	128 2.133	84.00	124.0	30.00	0.00
35	11:43: 0	133 2.217	84.00	124.0	30.00	0.00
36	11:46: 0	136 2.267	99.00	124.0	45.00	299.71
37	11:49: 0	139 2.317	129.00	124.0	75.00	600.88
38	11:52: 0	142 2.367	171.00	124.0	117.00	839.18
39	11:55: 0	145 2.417	219.00	124.0	165.00	961.41
40	11:58: 0	148 2.467	274.00	124.0	220.00	1098.93
41	12: 1: 0	151 2.517	321.00	124.0	267.00	939.08
42	12: 4: 0	154 2.567	374.00	124.0	320.00	1061.56
43	12: 7: 0	157 2.617	430.00	124.0	376.00	1118.91
44	12:10: 0	160 2.667	492.00	124.0	438.00	1241.82
45	12:13: 0	163 2.717	552.00	124.0	498.00	1198.83
46	12:16: 0	166 2.767	606.00	124.0	552.00	1078.95
47	12:19: 0	169 2.817	660.00	124.0	606.00	1081.58
48	12:22: 0	172 2.867	713.00	124.0	659.00	1058.97
49	12:25: 0	175 2.917	757.00	124.0	703.00	881.29

COMPANY : GENERAL OIL COMPANY INC. . . FIELD : HAAS
WELL : 1 JOB # : 9446
GAUGE # : 2606 DEPTH : 4206
MON/DAY : 3/26

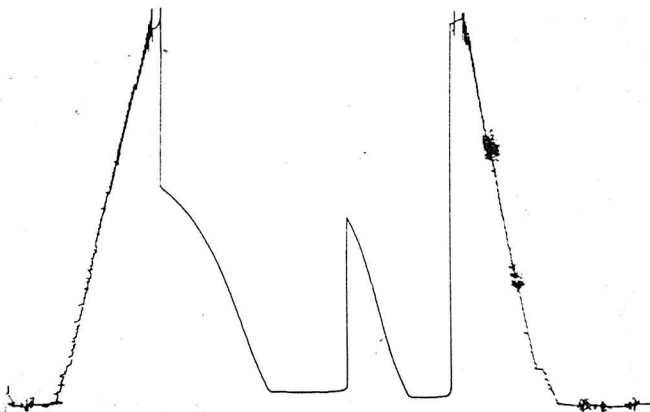
PAGE 2

REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
50	12:28: 0	178 2.967	807.00	124.0	753.00	999.02
51	12:31: 0	181 3.017	846.00	124.0	792.00	779.24
52	12:34: 0	184 3.067	883.00	124.0	829.00	741.09
53	12:37: 0	187 3.117	919.00	124.0	865.00	719.30
54	12:40: 0	190 3.167	954.00	124.0	900.00	701.03
55	12:43: 0	193 3.217	982.00	124.0	928.00	559.45
56	12:46: 0	196 3.267	1012.00	124.0	958.00	599.41
57	12:49: 0	199 3.317	1041.00	124.0	987.00	580.85
58	12:52: 0	202 3.367	1068.00	124.0	1014.00	539.47
59	12:55: 0	205 3.417	1091.00	124.0	1037.00	460.67
60	12:58: 0	208 3.467	1114.00	124.0	1060.00	459.55
61	13: 1: 0	211 3.517	1136.00	124.0	1082.00	439.57
62	13: 4: 0	214 3.567	1155.00	124.0	1101.00	380.56
63	13: 7: 0	217 3.617	1173.00	124.0	1119.00	359.65
64	13:10: 0	220 3.667	1188.00	124.0	1134.00	300.44

2604 DST #1

TKT # 9446

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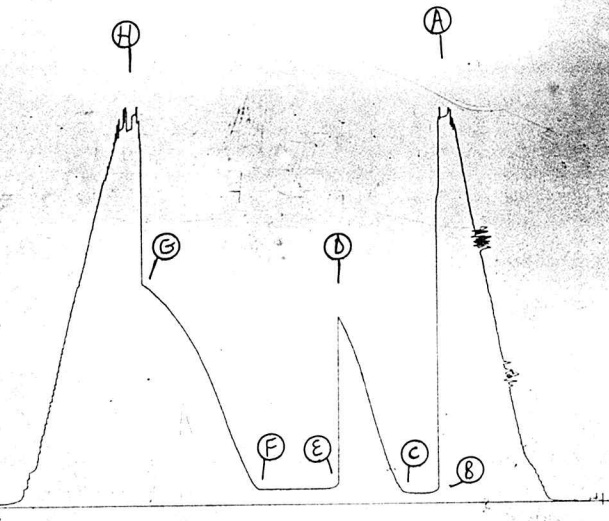


2606 Dst #1

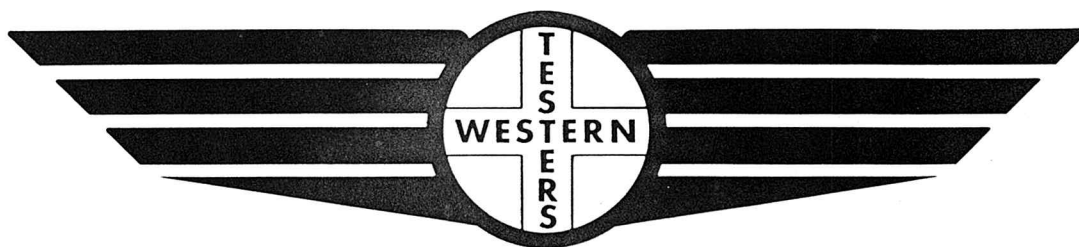
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TKT # 9446

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY GENERAL OIL COMPANY, INC. LEASE & WELL NO. #1 HAAS SEC. 2 TWP. 27SRGE. 12W TEST NO. 2 DATE 3/27/86

SUBSURFACE PRESSURE SURVEY

DATE : 3-27-86 TICKET : 9447
 CUSTOMER : GENERAL OIL COMPANY INC. LEASE : HAAS
 WELL : 1 TEST: 2 GEOLOGIST : BREWER
 ELEVATION : FORMATION : SIMPSON SAND
 SECTION : 2 TOWNSHIP : 27S
 RANGE : 12W COUNTY : PRATT STATE : KANSAS
 GAUGE SN# : 2606 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 4438 TO : 4490 TOTAL DEPTH : 4490
 DEPTH OF SELECTIVE ZONE :
 PACKER DEPTH : 4433 SIZE : 6 5/8
 PACKER DEPTH : 4438 SIZE : 6 5/8
 PACKER DEPTH : SIZE :
 PACKER DEPTH : SIZE :

DRILLING CON. : ALDEBARAN DRLG
 MUD TYPE : MONPAC VISCOSITY : 56
 WEIGHT : 9.2 WATER LOSS (CC) : 10.8
 CHLORIDES (PPM) : 19000
 JARS-MAKE : NO SERIAL NUMBER :
 DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 400 FT I.D. inch : 2.25
 WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
 DRILL PIPE LENGTH : 4018 FT I.D. inch : 3.80
 TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
 ANCHOR LENGTH : 52 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 : INITIAL FLOW PERIOD VERY WEAK BLOW FOR 12
 BLOW COMMENT #2 : MINUTES; THEN DIED. FINAL FLOW PERIOD FEW
 BLOW COMMENT #3 : BUBBLES; THEN DIED.
 BLOW COMMENT #4 :

RECOVERED : 20 FT OF: OIL SPOTTED MUD. 0.10 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 = 0.1 Total Production = 2.4 Bpd

REMARK 1 :
 REMARK 2 :
 REMARK 3 :
 REMARK 4 :

SET PACKER(S) : 7:05 PM TIME STARTED OFF BOTTOM : 9:05 PM
 WELL TEMPERATURE : 126
 INITIAL HYDROSTATIC PRESSURE (A) 2261
 INITIAL FLOW PERIOD MIN: 30 (B) 23 PSI TO (C) : 23
 INITIAL CLOSED IN PERIOD MIN: 30 (D) 431
 FINAL FLOW PERIOD MIN: 30 (E) 29 PSI TO (F) : 29
 FINAL CLOSED IN PERIOD MIN: 27 (G) 279
 FINAL HYDROSTATIC PRESSURE (H) 2177

Pressure Transient Report

DATA FILE.....

COMPANY.....GENERAL OIL COMPANY INC.

DATE OF TEST.....3-27-86

FIELD NAME.....HAAS

WELL NAME.....1

LOCATION.....PRATT-KANSAS

JOB NUMBER.....9447

GAUGE NUMBER.....2606

GAUGE DEPTH.....4490

COMMENTS

START UP TIME	(mo/da/yr)	(hr:min:sec)
	3./27/86.	7.: 5.: 0.

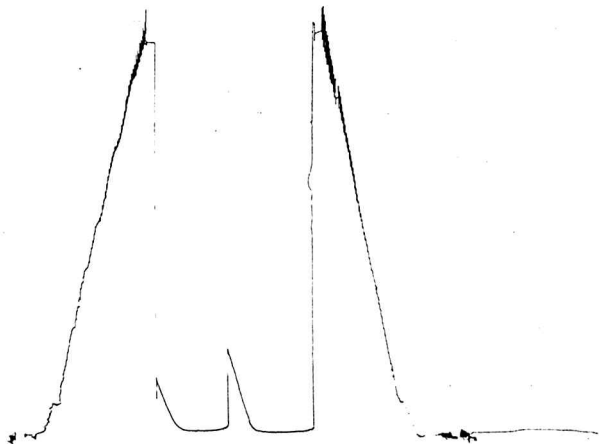
COMPANY : GENERAL OIL COMPANY INC. • FIELD : HAAS
WELL : 1 JOB # : 9447
GAUGE # : 2606 DEPTH : 4490
MON/DAY : 3/27

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	7: 5: 0	0 0.000	23.00	126.0	0.00	0.00
2	7:10: 0	5 0.083	23.00	126.0	0.00	0.00
3	7:15: 0	10 0.167	23.00	126.0	0.00	0.00
4	7:20: 0	15 0.250	23.00	126.0	0.00	0.00
5	7:25: 0	20 0.333	23.00	126.0	0.00	0.00
6	7:30: 0	25 0.417	23.00	126.0	0.00	0.00
7	7:35: 0	30 0.500	23.00	126.0	0.00	0.00
8	7:38: 0	33 0.550	24.00	126.0	1.00	20.03
9	7:41: 0	36 0.600	24.00	126.0	1.00	0.00
10	7:44: 0	39 0.650	29.00	126.0	6.00	100.15
11	7:47: 0	42 0.700	42.00	126.0	19.00	259.75
12	7:50: 0	45 0.750	83.00	126.0	60.00	819.20
13	7:53: 0	48 0.800	144.00	126.0	121.00	1221.79
14	7:56: 0	51 0.850	214.00	126.0	191.00	1398.63
15	7:59: 0	54 0.900	289.00	126.0	266.00	1502.20
16	8: 2: 0	57 0.950	359.00	126.0	336.00	1395.23
17	8: 5: 0	60 1.000	431.00	126.0	408.00	1445.65
18	8: 6: 0	61 1.017	29.00	126.0	6.00	-23863.65
19	8:10: 0	65 1.083	29.00	126.0	6.00	0.00
20	8:15: 0	70 1.167	29.00	126.0	6.00	0.00
21	8:20: 0	75 1.250	29.00	126.0	6.00	0.00
22	8:25: 0	80 1.333	29.00	126.0	6.00	0.00
23	8:30: 0	85 1.417	29.00	126.0	6.00	0.00
24	8:35: 0	90 1.500	29.00	126.0	6.00	0.00
25	8:38: 0	93 1.550	29.00	126.0	6.00	0.00
26	8:41: 0	96 1.600	30.00	126.0	7.00	19.98
27	8:44: 0	99 1.650	36.00	126.0	13.00	119.88
28	8:47: 0	102 1.700	56.00	126.0	33.00	399.61
29	8:50: 0	105 1.750	89.00	126.0	66.00	662.59
30	8:53: 0	108 1.800	135.00	126.0	112.00	919.10
31	8:56: 0	111 1.850	193.00	126.0	170.00	1158.87
32	8:59: 0	114 1.900	250.00	126.0	227.00	1138.89
33	9: 2: 0	117 1.950	279.00	126.0	256.00	579.43

2604 DST#2

Alt # 9447
0



2606 DST#2



Net # 9447
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