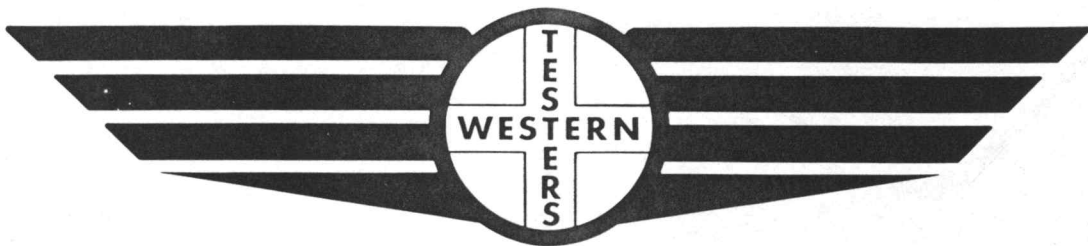


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

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COMPANY RAYMOND OIL COMPANY, INC. LEASE & WELL NO. #1 BAUGHMAN SEC. 22 TWP. 11S RGE. 23W TEST NO. 1 DATE 12/17/85

SUBSURFACE PRESSURE SURVEY

DATE : 12-17-85 TICKET : 9135
 CUSTOMER : RAYMOND OIL COMPANY INC. LEASE : BAUGHMAN
 WELL : 1 TEST: 1 GEOLOGIST : S. STRIBLING
 ELEVATION : FORMATION : LANSIN-TORONTO
 SECTION : 22 TOWNSHIP : 11S
 RANGE : 23W COUNTY : TREGO STATE : KANSAS
 GAUGE SN# : 4339 RANGE : 4300 CLOCK : 12

INTERVAL FROM : 3504 TO : 3548 TOTAL DEPTH : 3548
 DEPTH OF SELECTIVE ZONE :
 PACKER DEPTH : 3499 SIZE : 6.75
 PACKER DEPTH : 3504 SIZE : 6.75
 PACKER DEPTH : SIZE :
 PACKER DEPTH : SIZE :

DRILLING CON. : DUKE DRILLING RIG #2
 MUD TYPE : STARCH VISCOSITY : 49
 WEIGHT : 10.0 WATER LOSS (CC) : 10.8
 CHLORIDES (PPM) : 21000
 JARS-MAKE : NO SERIAL NUMBER :
 DID WELL FLOW ? : NO REVERSED OUT ? :

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
 WEIGHT PIPE LENGTH : 420 FT I.D. inch : 3.20
 DRILL PIPE LENGTH : 3064 FT I.D. inch : 3.80
 TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
 ANCHOR LENGTH : 44 FT ANCHOR SIZE : 5.50
 SURFACE CHOKE SIZE : .75 IN BOTTOM CHOKE SIZE : .75
 MAIN HOLE SIZE : 7 7/8 IN TOOL JOINT SIZE : 4 1/2

BLOW COMMENT #1 : INITIAL FLOW PERIOD WEAK BLOW; DIED IN 5 MINUTES.
 BLOW COMMENT #2 : FINAL FLOW PERIOD NO BLOW.
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

RECOVERED : 3 FT OF: MUD. 0.0 Barrels
 RECOVERED : 0 FT OF: CHLORIDES 24000 PPM. 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 RECOVERED : 0 FT OF: 0.0 Barrels
 Total Barrels = 0.0 Total Production = 1.0 Bpd

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

SET PACKER(S) : 12:40 PM TIME STARTED OFF BOTTOM : 2:40 PM
 WELL TEMPERATURE : 106
 INITIAL HYDROSTATIC PRESSURE (A) 1831
 INITIAL FLOW PERIOD MIN: 30 (B) 50 PSI TO (C) : 52
 INITIAL CLOSED IN PERIOD MIN: 27 (D) 392
 FINAL FLOW PERIOD MIN: 30 (E) 54 PSI TO (F) : 54
 FINAL CLOSED IN PERIOD MIN: 30 (G) 279
 FINAL HYDROSTATIC PRESSURE (H) 1814

Pressure Transient Report

DATA FILE.....
COMPANY.....RAYMOND OIL COMPANY INC.
DATE OF TEST.....12-17-85
FIELD NAME.....BAUGHMAN
WELL NAME.....1
LOCATION.....TREGO-KANSAS
JOB NUMBER.....9135
GAUGE NUMBER.....4339
GAUGE DEPTH.....3548

COMMENTS

START UP TIME (mo/da/yr) (hr:min:sec)
 12./17/85. 12.: 40.: 0.

COMPANY : RAYMOND OIL COMPANY INC. FIELD : BAUGHMAN

WELL : 1 JOB # : 9135

GAUGE # : 4339 DEPTH : 3548

MON/DAY : 12/17

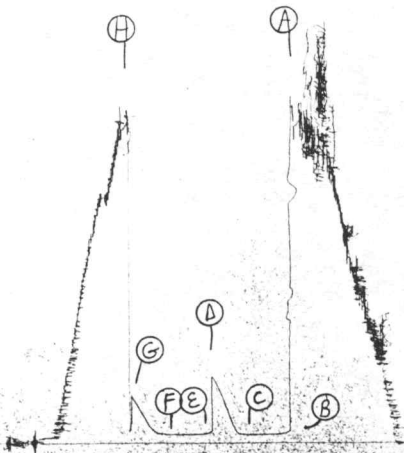
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REC#	REAL TIME HR:MIN:SEC	ELAPSE TIME MINS HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P (Po-Pi)	DP/DT Psi/hr
1	12:40: 0	0 0.000	50.00	106.0	0.00	20.08
2	12:45: 0	5 0.083	50.00	106.0	0.00	0.00
3	12:50: 0	10 0.166	50.00	106.0	0.00	0.00
4	12:55: 0	15 0.250	50.00	106.0	0.00	0.00
5	13: 0: 0	20 0.333	50.00	106.0	0.00	0.00
6	13: 5: 0	25 0.416	50.00	106.0	0.00	0.00
7	13:10: 0	30 0.500	52.00	106.0	2.00	23.81
8	13:13: 0	33 0.550	52.00	106.0	2.00	0.00
9	13:16: 0	36 0.600	56.00	106.0	6.00	80.31
10	13:19: 0	39 0.649	68.00	106.0	18.00	240.94
11	13:22: 0	42 0.699	109.00	106.0	59.00	823.22
12	13:25: 0	45 0.750	179.00	106.0	129.00	1378.46
13	13:28: 0	48 0.800	245.00	106.0	195.00	1325.18
14	13:31: 0	51 0.850	301.00	106.0	251.00	1124.39
15	13:34: 0	54 0.899	347.00	106.0	297.00	923.61
16	13:37: 0	57 0.949	392.00	106.0	342.00	903.53
17	13:42: 0	62 1.033	54.00	106.0	4.00	-4024.56
18	13:47: 0	67 1.116	54.00	106.0	4.00	0.00
19	13:52: 0	72 1.199	54.00	106.0	4.00	0.00
20	13:57: 0	77 1.283	54.00	106.0	4.00	0.00
21	14: 2: 0	82 1.366	54.00	106.0	4.00	0.00
22	14: 7: 0	87 1.449	54.00	106.0	4.00	0.00
23	14:10: 0	90 1.500	55.00	106.0	5.00	19.69
24	14:13: 0	93 1.550	58.00	106.0	8.00	60.24
25	14:16: 0	96 1.600	61.00	106.0	11.00	60.24
26	14:19: 0	99 1.649	73.00	106.0	23.00	240.94
27	14:22: 0	102 1.699	97.00	106.0	47.00	481.88
28	14:25: 0	105 1.750	126.00	106.0	76.00	571.08
29	14:28: 0	108 1.800	169.00	106.0	119.00	863.37
30	14:31: 0	111 1.850	211.00	106.0	161.00	843.29
31	14:34: 0	114 1.899	251.00	106.0	201.00	803.14
32	14:37: 0	117 1.949	279.00	106.0	229.00	562.20

4539

TKT # 9135

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13271

TKT # 9135

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