

10979

JK # 14254

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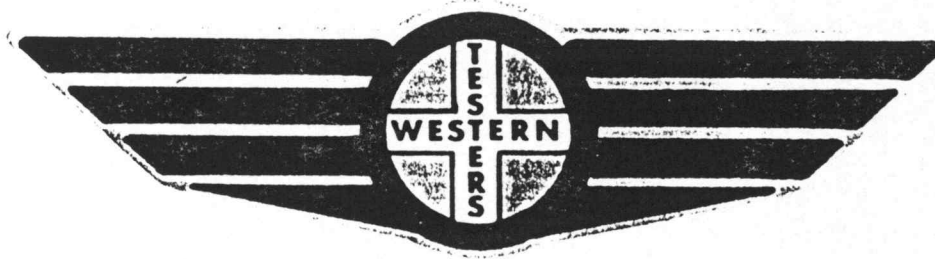
14254

DST # J

10979



# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 11-14-88 TICKET : 14254  
CUSTOMER : H-30 DRILLING INC. LEASE : LYGRISSE  
WELL : #22-1 TEST: 1 GEOLOGIST : J BURK  
ELEVATION : 1406 KB FORMATION : HUNTON DOLO  
SECTION : 22 TOWNSHIP : 26S  
RANGE : 2E COUNTY : SEDGWICK STATE : KANSAS  
GAUGE SN# : 13265 RANGE : 3975 CLOCK : 12

INTERVAL FROM : 3149 TO : 3208 TOTAL DEPTH : 3208  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3144 SIZE : 6.63  
PACKER DEPTH : 3149 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : McALLISTER RIG 10  
MUD TYPE : CHEMICAL VISCOSITY : 38  
WEIGHT : 9.7 WATER LOSS (CC) : 13.6  
CHLORIDES (PPM) : 3200  
JARS-MAKE : - SERIAL NUMBER : -  
DID WELL FLOW ? : NO REVERSED OUT ? : YES

DRILL COLLAR LENGTH : 330 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 2799 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 59 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 XH

BLOW COMMENT #1 : VERY STRONG BLOW DIMINISHING TO FAIR AT END OF TEST.  
BLOW COMMENT #2 :  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED : 2420 FT OF: SALT WATER / WITH VERY SLIGHT SHOW OF OIL  
1.2 RESISTIVITY @ 70 DEG.F.  
CHLORIDES: 18000 PPM

Total Barrels Fluid = 30.94  
Total Fluid Prod Rate = 742.51 BFPD  
Indicated Wtr Rate = 742.51 BWPD

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

SET PACKER(S) : 7:00 PM  
WELL TEMPERATURE : 118  
INITIAL HYDROSTATIC PRESSURE (A) 1586  
INITIAL FLOW PERIOD MIN: 30 (B) 431 PSI TO (C) : 880  
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1160  
FINAL FLOW PERIOD MIN: 30 (E) 933 PSI TO (F) : 1089  
FINAL CLOSED IN PERIOD MIN: 45 (G) 1160  
FINAL HYDROSTATIC PRESSURE (H) 1544

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : H-30 DRILLING INC.  
RIG : SEDGWICK-KANSAS  
FIELD : LYGRISSE  
WELL : #22-1  
DATE : 11-14-88  
GAUGE NO : 13265

OPERATIONAL COMMENTS

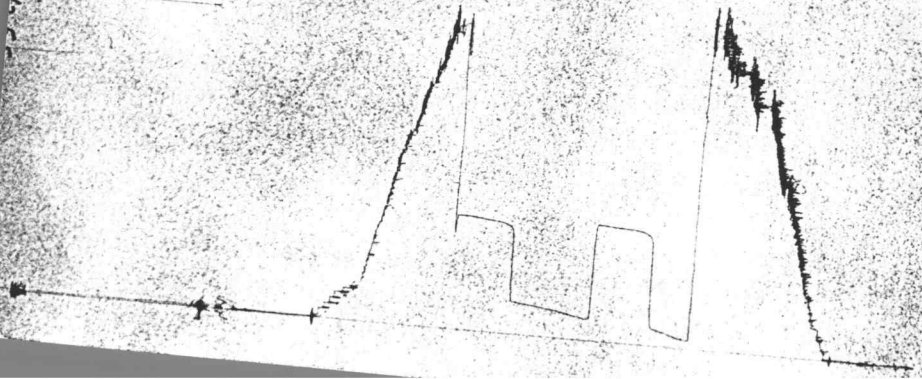
COMPANY : H-30 DRILLING INC.  
 WELL : #22-1  
 GAUGE # : 13265  
 DATE : 14/11/88

FIELD : LYGRISSE  
 JOB # : 14254  
 DEPTH : 3208  
 TEST :

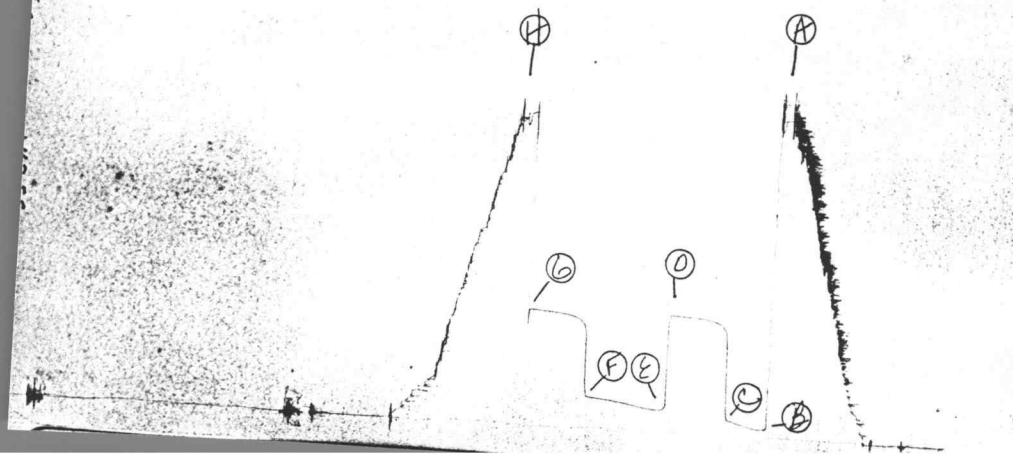
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	7: 0: 0	0.000	431.000	118.00	0.000
3	7: 4:59	0.083	495.000	118.00	64.000
4	7:10: 0	0.167	589.000	118.00	94.000
5	7:15: 0	0.250	668.000	118.00	79.000
6	7:19:59	0.333	750.000	118.00	82.000
7	7:25: 0	0.417	817.000	118.00	67.000
8	7:30: 0	0.500	880.000	118.00	63.000
INITIAL SHUT-IN					
9	7:33: 0	0.550	1136.000	118.00	256.000
10	7:36: 0	0.600	1148.000	118.00	12.000
11	7:39: 0	0.650	1151.000	118.00	3.000
12	7:42: 0	0.700	1155.000	118.00	4.000
13	7:45: 0	0.750	1157.000	118.00	2.000
14	7:48: 0	0.800	1158.000	118.00	1.000
15	7:51: 0	0.850	1159.000	118.00	1.000
16	7:54: 0	0.900	1158.000	118.00	-1.000
17	7:57: 0	0.950	1160.000	118.00	2.000
18	8: 0: 0	1.000	1160.000	118.00	0.000
19	8: 2:59	1.050	1160.000	118.00	0.000
20	8: 6: 0	1.100	1160.000	118.00	0.000
21	8: 9: 0	1.150	1160.000	118.00	0.000
22	8:12: 0	1.200	1160.000	118.00	0.000
23	8:15: 0	1.250	1160.000	118.00	0.000
FINAL FLOW					
24	8:16: 0	1.267	933.000	118.00	-227.000
25	8:19:59	1.333	940.000	118.00	7.000
26	8:25: 0	1.417	980.000	118.00	40.000
27	8:30: 0	1.500	1016.000	118.00	36.000
28	8:34:59	1.583	1050.000	118.00	34.000
29	8:40: 0	1.667	1075.000	118.00	25.000
30	8:45: 0	1.750	1089.000	118.00	14.000
FINAL SHUT-IN					
31	8:48: 0	1.800	1142.000	118.00	53.000
32	8:51: 0	1.850	1150.000	118.00	8.000
33	8:54: 0	1.900	1154.000	118.00	4.000
34	8:57: 0	1.950	1156.000	118.00	2.000
35	9: 0: 0	2.000	1158.000	118.00	2.000
36	9: 3: 0	2.050	1159.000	118.00	1.000
37	9: 5:59	2.100	1159.000	118.00	0.000
38	9: 9: 0	2.150	1160.000	118.00	1.000
39	9:12: 0	2.200	1160.000	118.00	0.000
40	9:15: 0	2.250	1160.000	118.00	0.000
41	9:18: 0	2.300	1160.000	118.00	0.000
42	9:21: 0	2.350	1160.000	118.00	0.000
43	9:24: 0	2.400	1160.000	118.00	0.000
44	9:27: 0	2.450	1160.000	118.00	0.000
45	9:30: 0	2.500	1160.000	118.00	0.000

TK # 14255

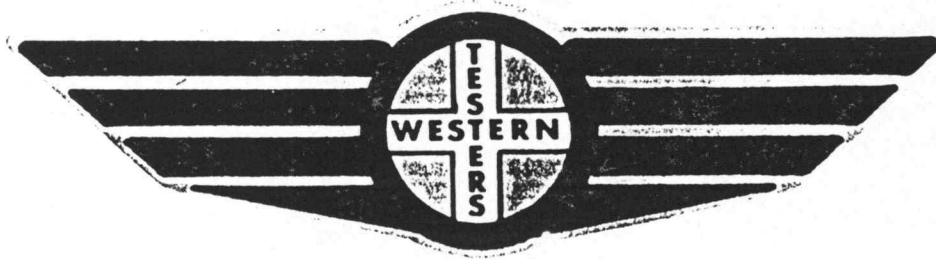
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TKT # 14255  
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# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 11-15-88 TICKET : 14255  
CUSTOMER : H-30 DRILLING INC. LEASE : LYGRISSE  
WELL : #22-1 TEST: 2 GEOLOGIST : J BURK  
ELEVATION : 1406 KB FORMATION : SIMPSON SD  
SECTION : 22 TOWNSHIP : 26S  
RANGE : 2E COUNTY : SEDGWICK STATE : KANSAS  
GAUGE SN# : 13265 RANGE : 3975 CLOCK : 12

INTERVAL FROM : 3291 TO : 3319 TOTAL DEPTH : 3319  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3286 SIZE : 6.63  
PACKER DEPTH : 3291 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : McALLISTER RIG 10  
MUD TYPE : CHEMCIAL VISCOSITY : 35  
WEIGHT : 9.6 WATER LOSS (CC) : 19.2  
CHLORIDES (PPM) : 6000  
JARS-MAKE : - SERIAL NUMBER : -  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 330 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 2941 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 28 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 XH

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

RECOVERED : 270 FT OF: FREE OIL  
43 GRAVITY CORRECTED  
RECOVERED : 120 FT OF: MUDDY GAS CUT OIL  
TOP SAMPLE 40% OIL-60% MUD  
BOTTOM SAMPLE 25% OIL-75% MUD  
CHLORIDES: 6000 PPM

Total Barrels Fluid = 2.46  
Total Fluid Prod Rate = 39.43 BFPD  
Indicated Oil Rate = 32.15 BOPD  
Indicated Wtr Rate = 0.73 BWPD  
Corrected Oil Rate = 35.99 BOPD  
Corrected Wtr Rate = 0.81 BWPD

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

SET PACKER(S) : 6:15 PM TIME STARTED OFF BOTTOM : 9:15 PM  
WELL TEMPERATURE : 119  
INITIAL HYDROSTATIC PRESSURE (A) 1663  
INITIAL FLOW PERIOD MIN: 30 (B) 44 PSI TO (C) : 82  
INITIAL CLOSED IN PERIOD MIN: 45 (D) 620  
FINAL FLOW PERIOD MIN: 60 (E) 118 PSI TO (F) : 169  
FINAL CLOSED IN PERIOD MIN: 45 (G) 612  
FINAL HYDROSTATIC PRESSURE (H) 1635

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
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COMPANY : H-30 DRILLING INC.  
RIG : SEDGWICK-KANSAS  
FIELD : LYGRISSE  
WELL : #22-1  
DATE : 11-15-88  
GAUGE NO : 13265

OPERATIONAL COMMENTS

COMPANY : H-30 DRILLING INC.  
 WELL : #22-1  
 GAUGE # : 13265  
 DATE : 15/11/88

FIELD : LYGRISSE  
 JOB # : 14255  
 DEPTH : 3319  
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	6:15:0	0.000	44.000	119.00	0.000
3	6:19:59	0.083	44.000	119.00	0.000
4	6:25:0	0.167	45.000	119.00	1.000
5	6:30:0	0.250	52.000	119.00	7.000
6	6:34:59	0.333	63.000	119.00	11.000
7	6:40:0	0.417	73.000	119.00	10.000
8	6:45:0	0.500	82.000	119.00	9.000
INITIAL SHUT-IN					
9	6:48:0	0.550	539.000	119.00	457.000
10	6:51:0	0.600	575.000	119.00	36.000
11	6:54:0	0.650	589.000	119.00	14.000
12	6:57:0	0.700	597.000	119.00	8.000
13	7:0:0	0.750	603.000	119.00	6.000
14	7:3:0	0.800	607.000	119.00	4.000
15	7:6:0	0.850	610.000	119.00	3.000
16	7:9:0	0.900	612.000	119.00	2.000
17	7:12:0	0.950	614.000	119.00	2.000
18	7:15:0	1.000	616.000	119.00	2.000
19	7:18:0	1.050	618.000	119.00	2.000
20	7:21:0	1.100	619.000	119.00	1.000
21	7:24:0	1.150	620.000	119.00	1.000
22	7:27:0	1.200	620.000	119.00	0.000
23	7:30:0	1.250	620.000	119.00	0.000
FINAL FLOW					
24	7:31:0	1.267	118.000	119.00	-502.000
25	7:34:59	1.333	118.000	119.00	0.000
26	7:40:0	1.417	118.000	119.00	0.000
27	7:45:0	1.500	122.000	119.00	4.000
28	7:49:59	1.583	129.000	119.00	7.000
29	7:55:0	1.667	136.000	119.00	7.000
30	8:0:0	1.750	143.000	119.00	7.000
31	8:4:59	1.833	149.000	119.00	6.000
32	8:10:0	1.917	154.000	119.00	5.000
33	8:15:0	2.000	159.000	119.00	5.000
34	8:19:59	2.083	163.000	119.00	4.000
35	8:25:0	2.167	167.000	119.00	4.000
36	8:30:0	2.250	169.000	119.00	2.000
FINAL SHUT-IN					
37	8:33:0	2.300	533.000	119.00	364.000
38	8:36:0	2.350	563.000	119.00	30.000
39	8:39:0	2.400	578.000	119.00	15.000
40	8:42:0	2.450	587.000	119.00	9.000
41	8:45:0	2.500	593.000	119.00	6.000
42	8:48:0	2.550	597.000	119.00	4.000
43	8:51:0	2.600	600.000	119.00	3.000
44	8:54:0	2.650	603.000	119.00	3.000
45	8:57:0	2.700	605.000	119.00	2.000
46	9:0:0	2.750	607.000	119.00	2.000
47	9:3:0	2.800	608.000	119.00	1.000
48	9:6:0	2.850	609.000	119.00	1.000

COMPANY : H-30 DRILLING INC.  
WELL : #22-1  
GAUGE # : 13265  
DATE : 15/11/88

FIELD : LYGRISSE  
JOB # : 14255  
DEPTH : 3319  
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9: 9: 0	2.900	610.000	119.00	1.000
50	9:12: 0	2.950	611.000	119.00	1.000
51	9:15: 0	3.000	612.000	119.00	1.000

WESTERN TESTING CO. INC.