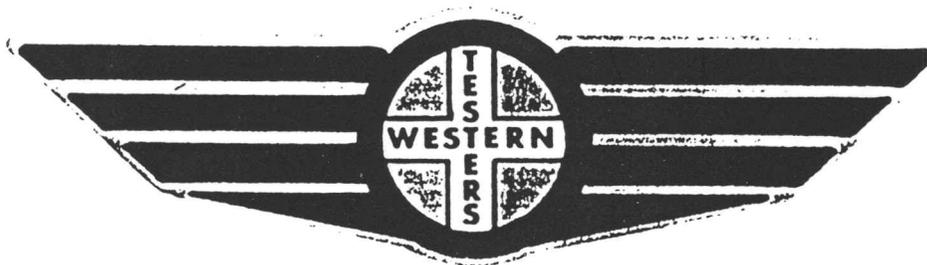


# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 10-25-87 TICKET : 11824  
CUSTOMER : OIL PRODUCERS INC. OF KANSAS LEASE : PLETT  
WELL : #1 TEST: 1 GEOLOGIST : B. SIEBERT  
ELEVATION : - FORMATION : -  
SECTION : 6 TOWNSHIP : 21S  
RANGE : 1E COUNTY : MARION STATE : KANSAS  
GAUGE SN# : 13552 RANGE : 4050 CLOCK : 12

INTERVAL FROM : 3362 TO : 3380 TOTAL DEPTH : 3415  
DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3357 SIZE : 6.63  
PACKER DEPTH : 3362 SIZE : 6.63  
PACKER DEPTH : 6680 SIZE : 6.63  
PACKER DEPTH : SIZE :

DRILLING CON. : WHITE & ELLIS RIG #2  
MUD TYPE : CHEMICAL VISCOSITY : 44  
WEIGHT : 9.4 WATER LOSS (CC) : 10.0  
CHLORIDES (PPM) : 1500  
JARS-MAKE : - SERIAL NUMBER : -  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 410 FT I.D. inch : 2.25  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 2931 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 21 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 18 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-WEAK BLOW INCREASED TO STRONG.  
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: OIL & GAS CUT MUD (40% OIL)  
RECOVERED : 300 FT OF: CLEAN GASSY OIL (41 GRAVITY)  
RECOVERED : 30 FT OF: HEAVY OIL & GAS CUT MUD (60% OIL)  
RECOVERED : 60 FT OF: OIL CUT MUDDY WATER(15% OIL)(70% WTR)

Total Barrels Fluid = 2.58  
Total Fluid Prod Rate = 33.74 BFPD  
Indicated Oil Rate = 26.32 BOPD  
Indicated Wtr Rate = 3.52 BWPD  
Corrected Oil Rate = 27.65 BOPD  
Corrected Wtr Rate = 3.70 BWPD

REMARK 1 :  
REMARK 2 : RECOVERED 450 FEET OF GAS ABOVE FLUID.  
REMARK 3 : 35 FEET OF TAIL PIPE.  
REMARK 4 :

SET PACKER(S) : 9:00 AM TIME STARTED OFF BOTTOM : 1:00 PM  
WELL TEMPERATURE : 113  
INITIAL HYDROSTATIC PRESSURE (A) 1643  
INITIAL FLOW PERIOD MIN: 55 (B) 56 PSI TO (C) : 113  
INITIAL CLOSED IN PERIOD MIN: 60 (D) 775  
FINAL FLOW PERIOD MIN: 55 (E) 156 PSI TO (F) : 187  
FINAL CLOSED IN PERIOD MIN: 60 (G) 753  
FINAL HYDROSTATIC PRESSURE (H) 1635

WESTERN TESTING CO. INC.  
WICHITA - KANSAS

Pressure Transient Report  
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COMPANY : OIL PRODUCERS INC. OF KANSAS  
RIG : MARION-KANSAS  
FIELD : PLETT  
WELL : #1  
DATE : 10-25-87  
GAUGE NO : 13552

OPERATIONAL COMMENTS

RECOVERED 450 FEET OF GAS ABOVE FLUID.  
35 FEET OF TAIL PIPE.

COMPANY : OIL PRODUCERS INC. OF KANSAS

FIELD : PLETT

WELL : #1

JOB # : 11824

GAUGE # : 13552

DEPTH : 3415

DATE : 25/10/87

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9: 0: 0	0.000	56.000	113.00	0.000
2	9: 4: 59	0.083	56.000	113.00	0.000
3	9: 10: 0	0.167	56.000	113.00	0.000
4	9: 15: 0	0.250	60.000	113.00	4.000
5	9: 19: 59	0.333	65.000	113.00	5.000
6	9: 25: 0	0.417	71.000	113.00	6.000
7	9: 30: 0	0.500	76.000	113.00	5.000
8	9: 34: 59	0.583	83.000	113.00	7.000
9	9: 40: 0	0.667	90.000	113.00	7.000
10	9: 45: 0	0.750	97.000	113.00	7.000
11	9: 49: 59	0.833	104.000	113.00	7.000
12	9: 55: 0	0.917	113.000	113.00	9.000
13	9: 58: 0	0.967	145.000	113.00	32.000
14	10: 1: 0	1.017	379.000	113.00	234.000
15	10: 4: 0	1.067	628.000	113.00	249.000
16	10: 7: 0	1.117	670.000	113.00	42.000
17	10: 10: 0	1.167	691.000	113.00	21.000
18	10: 13: 0	1.217	708.000	113.00	17.000
19	10: 16: 0	1.267	717.000	113.00	9.000
20	10: 19: 0	1.317	725.000	113.00	8.000
21	10: 22: 0	1.367	734.000	113.00	9.000
22	10: 25: 0	1.417	742.000	113.00	8.000
23	10: 28: 0	1.467	747.000	113.00	5.000
24	10: 31: 0	1.517	751.000	113.00	4.000
25	10: 34: 0	1.567	756.000	113.00	5.000
26	10: 37: 0	1.617	759.000	113.00	3.000
27	10: 40: 0	1.667	763.000	113.00	4.000
28	10: 43: 0	1.717	766.000	113.00	3.000
29	10: 46: 0	1.767	768.000	113.00	2.000
30	10: 49: 0	1.817	771.000	113.00	3.000
31	10: 52: 0	1.867	773.000	113.00	2.000
32	10: 55: 0	1.917	775.000	113.00	2.000
33	10: 56: 0	1.933	156.000	113.00	-619.000
34	11: 0: 0	2.000	156.000	113.00	0.000
35	11: 5: 0	2.083	156.000	113.00	0.000
36	11: 10: 0	2.167	158.000	113.00	2.000
37	11: 15: 0	2.250	163.000	113.00	5.000
38	11: 20: 0	2.333	167.000	113.00	4.000
39	11: 25: 0	2.417	171.000	113.00	4.000
40	11: 30: 0	2.500	174.000	113.00	3.000
41	11: 35: 0	2.583	179.000	113.00	5.000
42	11: 40: 0	2.667	183.000	113.00	4.000
43	11: 45: 0	2.750	185.000	113.00	2.000
44	11: 50: 0	2.833	187.000	113.00	2.000
45	11: 53: 0	2.883	216.000	113.00	29.000
46	11: 56: 0	2.933	373.000	113.00	157.000
47	11: 59: 0	2.983	577.000	113.00	204.000
48	12: 2: 0	3.033	633.000	113.00	56.000
49	12: 5: 0	3.083	657.000	113.00	24.000
50	12: 8: 0	3.133	673.000	113.00	16.000
51	12: 11: 0	3.183	686.000	113.00	13.000
52	12: 14: 0	3.233	696.000	113.00	10.000

COMPANY : OIL PRODUCERS INC. OF KANSAS

WELL : #1

GAUGE # : 13552

DATE : 25/10/87

FIELD : PLETT

JOB # : 11824

DEPTH : 3415

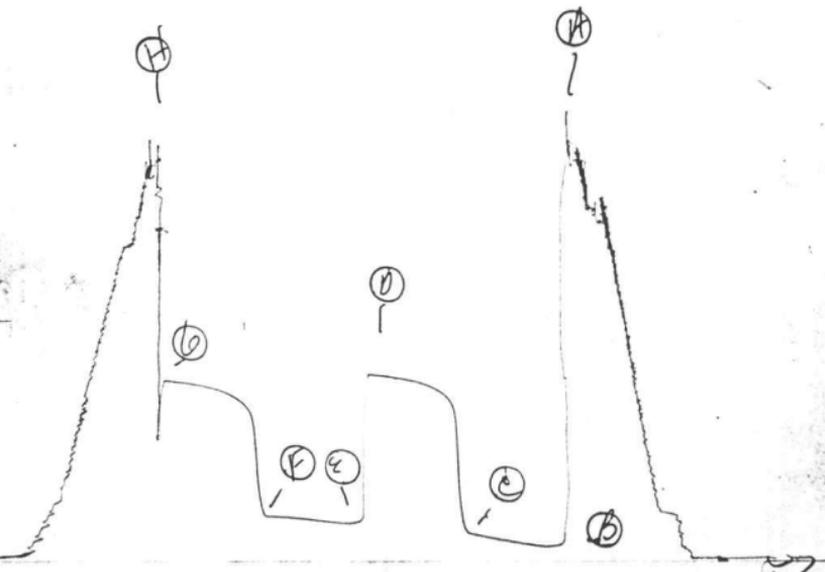
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:17: 0	3.283	706.000	113.00	10.000
54	12:20: 0	3.333	713.000	113.00	7.000
55	12:23: 0	3.383	720.000	113.00	7.000
56	12:26: 0	3.433	725.000	113.00	5.000
57	12:29: 0	3.483	731.000	113.00	6.000
58	12:32: 0	3.533	734.000	113.00	3.000
59	12:35: 0	3.583	738.000	113.00	4.000
60	12:38: 0	3.633	740.000	113.00	2.000
61	12:41: 0	3.683	745.000	113.00	5.000
62	12:44: 0	3.733	747.000	113.00	2.000
63	12:47: 0	3.783	750.000	113.00	3.000
64	12:50: 0	3.833	753.000	113.00	3.000

WESTERN TESTING CO. INC.

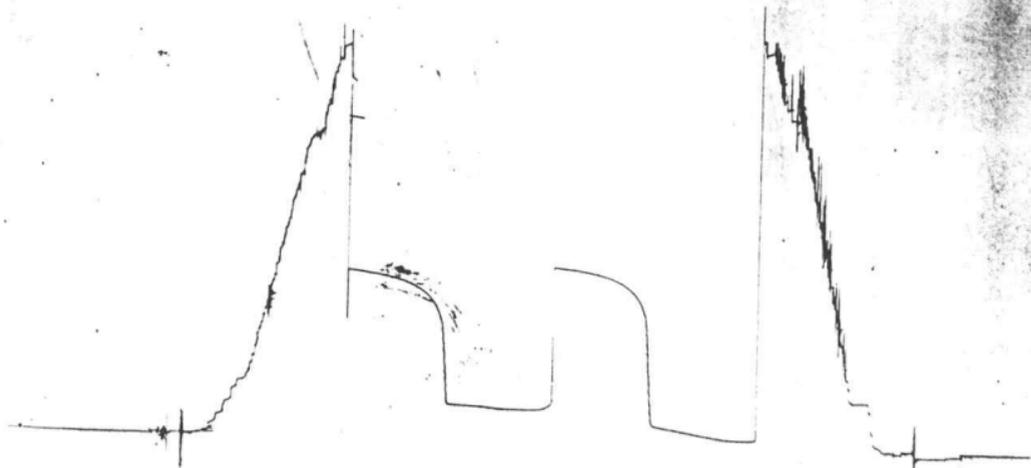
2K # 11824

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PK # 11824

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Alt # 11827

Below Saddle

