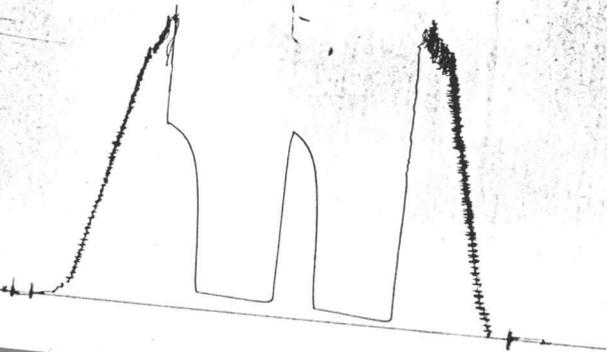


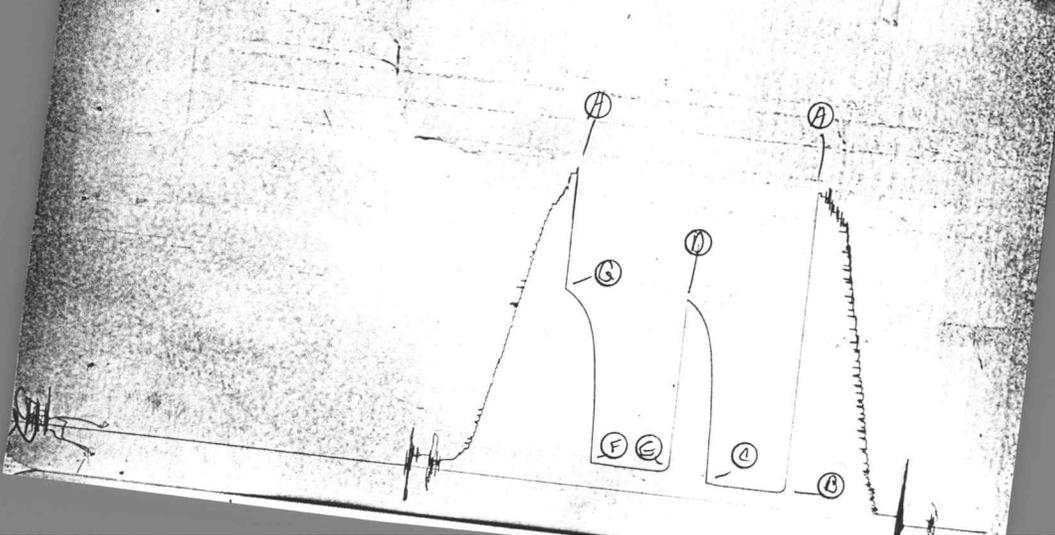
RF 14615

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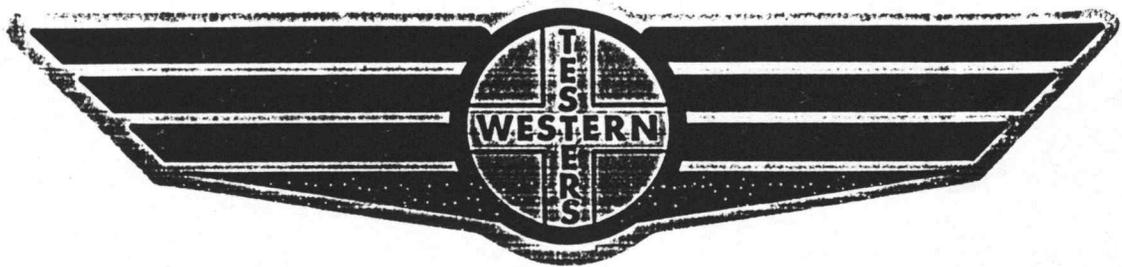


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# FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

JOHN JAY DARRAH JR.

LEASE & WELL NO.

DECKER # 1

SEC. 7

TWP. 17S RGE. 18W

TEST NO. 1

DATE 11/3/88

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE : 11-3-88 TICKET : 14615  
CUSTOMER : JOHN JAY DARRAH JR. LEASE : BEDKER  
WELL : #1 TEST: 1 GEOLOGIST : I PHILLIPS  
ELEVATION : 1937 KB FORMATION : KANSAS CITY  
SECTION : 7 TOWNSHIP : 17S  
RANGE : 18W COUNTY : ROOKS STATE : KANSAS  
GAUGE SN# : 13552 RANGE : 4050 CLOCK : 12

INTERVAL FROM : 3180 TO : 3350 TOTAL DEPTH : 3350

DEPTH OF SELECTIVE ZONE :  
PACKER DEPTH : 3175 SIZE : 6.63  
PACKER DEPTH : 3180 SIZE : 6.63  
PACKER DEPTH : SIZE :  
PACKER DEPTH : SIZE :

DRILLING CON. : WEATERN KS DRLG. RIG 1  
MUD TYPE : CHEMICAL VISCOSITY : 46  
WEIGHT : 9.3 WATER LOSS (CC) : 10.4  
CHLORIDES (PPM) : NA  
JARS-MAKE : NO SERIAL NUMBER :  
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00  
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00  
DRILL PIPE LENGTH : 3159 FT I.D. inch : 3.80  
TEST TOOL LENGTH : 21 FT TOOL SIZE : 5.50  
ANCHOR LENGTH : 170 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 : WEAK BLOW THROUGHOUT FLOW PERIODS.  
BLOW COMMENT #2 :  
BLOW COMMENT #3 :  
BLOW COMMENT #4 :

RECOVERED : 150 FT OF: DRILLING MUD (TRACE OF OIL)

Total Barrels Fluid = 2.10  
Total Fluid Prod Rate = 25.25 BFPD  
Indicated Wtr Rate = 2.52 BHPD

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

SET PACKER(S) : 9:15 PM

TIME STARTED OFF BOTTOM : 12:15 AM

WELL TEMPERATURE : 107

INITIAL HYDROSTATIC PRESSURE

(A) 1693

INITIAL FLOW PERIOD MIN: 60

(B) 94 PSI TO (C) : 101

INITIAL CLOSED IN PERIOD MIN: 33

(D) 1058

FINAL FLOW PERIOD MIN: 60

(E) 133 PSI TO (F) : 133

FINAL CLOSED IN PERIOD MIN: 36

(G) 1039

FINAL HYDROSTATIC PRESSURE

(H) 1655

COMPANY : JOHN JAY DARRAH JR.  
 WELL : #1  
 GAUGE # : 13552  
 DATE : 3/11/88

FIELD : BEDKER  
 JOB # : 14615  
 DEPTH : 3350  
 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	9:15:0	0.000	94.000	107.00	0.000
3	9:19:59	0.083	94.000	107.00	0.000
4	9:25:0	0.167	94.000	107.00	0.000
5	9:30:0	0.250	94.000	107.00	0.000
6	9:34:59	0.333	94.000	107.00	0.000
7	9:40:0	0.417	94.000	107.00	0.000
8	9:45:0	0.500	94.000	107.00	0.000
9	9:49:59	0.583	94.000	107.00	0.000
10	9:55:0	0.667	94.000	107.00	0.000
11	10:0:0	0.750	94.000	107.00	0.000
12	10:4:59	0.833	94.000	107.00	0.000
13	10:10:0	0.917	98.000	107.00	4.000
14	10:15:0	1.000	101.000	107.00	3.000
INITIAL SHUT-IN					
15	10:18:0	1.050	384.000	107.00	283.000
16	10:21:0	1.100	596.000	107.00	212.000
17	10:24:0	1.150	739.000	107.00	143.000
18	10:27:0	1.200	829.000	107.00	90.000
19	10:30:0	1.250	905.000	107.00	76.000
20	10:33:0	1.300	948.000	107.00	43.000
21	10:36:0	1.350	984.000	107.00	36.000
22	10:39:0	1.400	1006.000	107.00	22.000
23	10:42:0	1.450	1024.000	107.00	18.000
24	10:45:0	1.500	1047.000	107.00	23.000
25	10:48:0	1.550	1058.000	107.00	11.000
FINAL FLOW					
26	10:49:0	1.567	133.000	107.00	-925.000
27	10:52:59	1.633	133.000	107.00	0.000
28	10:58:0	1.717	133.000	107.00	0.000
29	11:3:0	1.800	133.000	107.00	0.000
30	11:7:59	1.883	133.000	107.00	0.000
31	11:13:0	1.967	133.000	107.00	0.000
32	11:18:0	2.050	133.000	107.00	0.000
33	11:22:59	2.133	133.000	107.00	0.000
34	11:28:0	2.217	133.000	107.00	0.000
35	11:33:0	2.300	133.000	107.00	0.000
36	11:37:59	2.383	133.000	107.00	0.000
37	11:43:0	2.467	133.000	107.00	0.000
38	11:48:0	2.550	133.000	107.00	0.000
FINAL SHUT-IN					
39	11:51:0	2.600	401.000	107.00	268.000
40	11:53:59	2.650	609.000	107.00	208.000
41	11:57:0	2.700	737.000	107.00	128.000
42	12:0:0	2.750	819.000	107.00	82.000
43	12:3:0	2.800	881.000	107.00	62.000
44	12:6:0	2.850	924.000	107.00	43.000
45	12:8:59	2.900	956.000	107.00	32.000
46	12:12:0	2.950	981.000	107.00	25.000
47	12:15:0	3.000	998.000	107.00	17.000
48	12:18:0	3.050	1012.000	107.00	14.000

COMPANY : JOHN JAY DARRAH JR.  
WELL : #1  
GAUGE # : 13552  
DATE : 3/11/88

FIELD : BEDKER  
JOB # : 14615  
DEPTH : 3350  
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	12:21: 0	3.100	1028.000	107.00	16.000
50	12:24: 0	3.150	1039.000	107.00	11.000

WESTERN TESTING CO. INC.