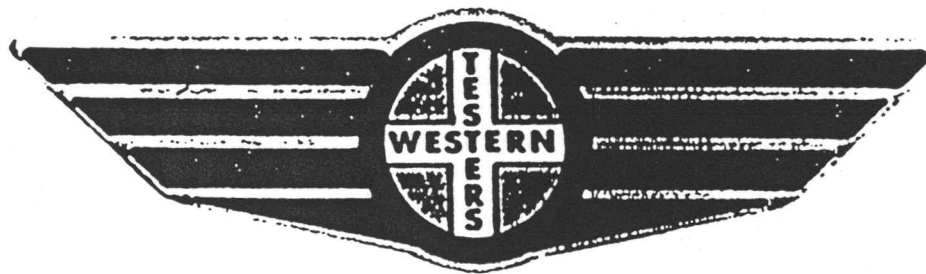


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

ONE ANY AMERICAN ENERGIES CORPORATION LEASE & WELL NO. #1 MAYO SEC. 10 TWP. 34S RGE. 6W TEST NO. 1 DATE 12/30/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 12/30/88 TICKET : 14248
CUSTOMER : AMERICAN ENERGIES CORPORATION LEASE : MAYO
WELL : 1 TEST: 1 GEOLOGIST : CHRISTENSEN
ELEVATION : N/A FORMATION : KC
SECTION : 10 TOWNSHIP : 34S
RANGE : 6W COUNTY : HARPER STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3838 TO : 3851 TOTAL DEPTH : 3851
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3846 SIZE : 6.63
PACKER DEPTH : 3851 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 2
MUD TYPE : CHEMICAL VISCOSITY : 43
WEIGHT : 9.2 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 4800
JARS-MAKE : H&T SERIAL NUMBER : 100
DID WELL FLOW ? : REVERSED OUT ? :

DRILL COLLAR LENGTH : 0 FT I.D. inch : 0.00
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3814 FT I.D. inch : 3.80
TEST TOOL LENGTH : 24 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 13 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 : INITIAL FLOW PERIOD-WEAK BUILDING TO A STRONG BLOW IN 12
BLOW COMMENT #2 : MINUTES
BLOW COMMENT #3 : FINAL FLOW PERIOD-WEAK BUILDING TO A STRONG BLOW 33 MIN
BLOW COMMENT #4 :

RECOVERED : 80 FT OF: WATERY MUD W/ SHOW OF OIL SCUM IN GRIND OUT
RECOVERED : 240 FT OF: MUDDY WATER
RECOVERED : 0 FT OF: CHLORIDES 110000

Total Barrels Fluid = 4.49
Total Fluid Prod Rate = 86.18 BFPD
Indicated Wtr Rate = 42.01 BWPD

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

SET PACKER(S) : 4:35 PM

TIME STARTED OFF BOTTOM : 7:50 PM

WELL TEMPERATURE : 132

INITIAL HYDROSTATIC PRESSURE

(A) 1890

INITIAL FLOW PERIOD MIN: 30

(B) 47 PSI TO (C) : 83

INITIAL CLOSED IN PERIOD MIN: 60

(D) 1434

FINAL FLOW PERIOD MIN: 45

(E) 124 PSI TO (F) : 171

FINAL CLOSED IN PERIOD MIN: 60

(G) 1373

FINAL HYDROSTATIC PRESSURE

(H) 1884

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORPORATION
RIG : HARPER-KANSAS
FIELD : MAYO
WELL : 1
DATE : 12/30/88
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : AMERICAN ENERGIES CORPORATION
 WELL : 1
 GAUGE # : 10270
 DATE : 30/12/88

FIELD : MAYO
 JOB # : 14248
 DEPTH : 3851
 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 PERIOD					
2	4:35:0	0.000	47.000	132.00	0.000
3	4:39:59	0.083	47.000	132.00	0.000
4	4:45:0	0.167	50.000	132.00	3.000
5	4:50:0	0.250	59.000	132.00	9.000
6	4:54:59	0.333	69.000	132.00	10.000
7	5:0:0	0.417	77.000	132.00	8.000
8	5:5:0	0.500	83.000	132.00	6.000
INITIAL SHUT-IN PERIOD					
9	5:8:0	0.550	501.000	132.00	418.000
10	5:11:0	0.600	637.000	132.00	136.000
11	5:14:0	0.650	744.000	132.00	107.000
12	5:17:0	0.700	841.000	132.00	97.000
13	5:20:0	0.750	942.000	132.00	101.000
14	5:23:0	0.800	1028.000	132.00	86.000
15	5:26:0	0.850	1103.000	132.00	75.000
16	5:29:0	0.900	1165.000	132.00	62.000
17	5:32:0	0.950	1239.000	132.00	74.000
18	5:35:0	1.000	1260.000	132.00	21.000
19	5:38:0	1.050	1296.000	132.00	36.000
20	5:41:0	1.100	1325.000	132.00	29.000
21	5:44:0	1.150	1343.000	132.00	18.000
22	5:47:0	1.200	1365.000	132.00	22.000
23	5:50:0	1.250	1380.000	132.00	15.000
24	5:53:0	1.300	1396.000	132.00	16.000
25	5:56:0	1.350	1408.000	132.00	12.000
26	5:59:0	1.400	1418.000	132.00	10.000
27	6:2:0	1.450	1427.000	132.00	9.000
28	6:5:0	1.500	1434.000	132.00	7.000
FINAL FLOW PERIOD					
29	6:6:0	1.517	124.000	132.00	-1310.000
30	6:9:59	1.583	124.000	132.00	0.000
31	6:15:0	1.667	128.000	132.00	4.000
32	6:20:0	1.750	134.000	132.00	6.000
33	6:24:59	1.833	142.000	132.00	8.000
34	6:30:0	1.917	148.000	132.00	6.000
35	6:35:0	2.000	153.000	132.00	5.000
36	6:39:59	2.083	159.000	132.00	6.000
37	6:45:0	2.167	167.000	132.00	8.000
38	6:50:0	2.250	171.000	132.00	4.000
FINAL SHUT-IN PERIOD					
39	6:53:0	2.300	534.000	132.00	363.000
40	6:56:0	2.350	648.000	132.00	114.000
41	6:59:0	2.400	741.000	132.00	93.000
42	7:2:0	2.450	823.000	132.00	82.000
43	7:5:0	2.500	905.000	132.00	82.000
44	7:8:0	2.550	970.000	132.00	65.000
45	7:11:0	2.600	1033.000	132.00	63.000
46	7:14:0	2.650	1090.000	132.00	57.000
47	7:17:0	2.700	1138.000	132.00	48.000
48	7:20:0	2.750	1177.000	132.00	39.000

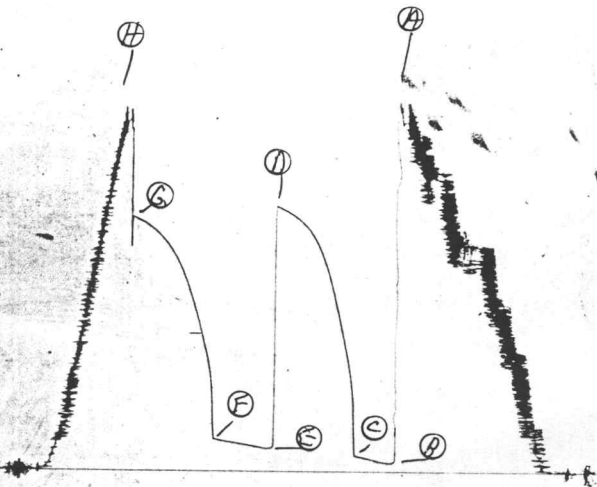
COMPANY : AMERICAN ENERGIES CORPORATION
WELL : 1
GAUGE # : 10270
DATE : 30/12/88

FIELD : MAYO
JOB # : 14248
DEPTH : 3851
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	7:23: 0	2.800	1215.000	132.00	38.000
50	7:26: 0	2.850	1242.000	132.00	27.000
51	7:29: 0	2.900	1268.000	132.00	26.000
52	7:32: 0	2.950	1289.000	132.00	21.000
53	7:35: 0	3.000	1309.000	132.00	20.000
54	7:38: 0	3.050	1323.000	132.00	14.000
55	7:41: 0	3.100	1339.000	132.00	16.000
56	7:44: 0	3.150	1351.000	132.00	12.000
57	7:47: 0	3.200	1364.000	132.00	13.000
58	7:50: 0	3.250	1373.000	132.00	9.000

WESTERN TESTING CO. INC.

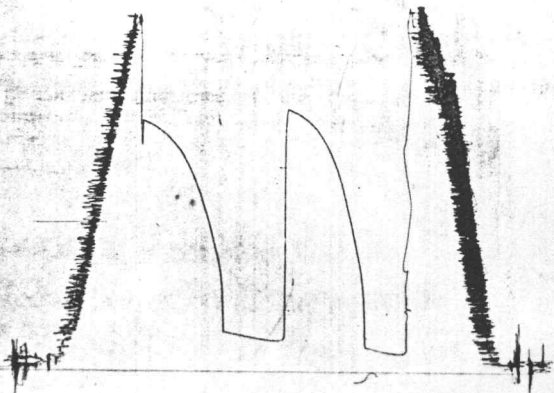
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