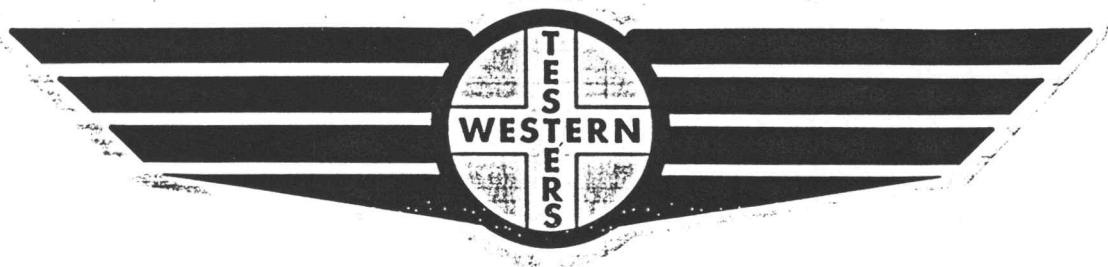


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY AMERICAN ENERGIES CORPORATION LEASE & WELL NO. #1 MACK B SEC. 11 TWP. 23S RGE. 24W TEST NO. 2 DATE 1/1/87

WESTERN TESTERS INC
SUBSURFACE PRESSURE SURVEY

DATE : 1-1-87
CUSTOMER : AMERICAN ENERGIES CORP.
WELL : #1 TEST: 2
ELEVATION : 1244 KB
SECTION : 11
RANGE : 24W COUNTY : HODGEMAN
GAUGE SN# : 13403 RANGE : 4050
TICKET : 11268
LEASE : MACK 'B'
GEOLOGIST : D. MALONE
FORMATION : MISSISSIPPI
TOWNSHIP : 23S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4630 TO : 4638 TOTAL DEPTH : 4638
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4625 SIZE : 6.63
PACKER DEPTH : 4630 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ABERCROMBIE DRLG. RIG #1
MUD TYPE : CHEMICAL VISCOSITY : 50
WEIGHT : 9.3 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 8000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : -

DRILL COLLAR LENGTH : 0 FT. I.D. inch : 0.00
WEIGHT PIPE LENGTH : 470 FT I.D. inch : 2.90
DRILL PIPE LENGTH : 4133 FT I.D. inch : 3.80
TEST TOOL LENGTH : 27 FT TOOL SIZE : 4.50
ANCHOR LENGTH : 8 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-STRONG BLOW OFF BOTTOM OF BUCKET IN
BLOW COMMENT #2 : 5 MINUTES.
BLOW COMMENT #3 : FINAL FLOW-STRONG BLOW OFF BOTTOM OF BUCKET.
BLOW COMMENT #4 :

RECOVERED : 710 FT OF: GASSY CLEAN OIL GRAVITY 38 @ 60 DEG.
RECOVERED : 186 FT OF: OIL CUT WATER (10% OIL-75% WTR-15% MUD)

Total Barrels Fluid = 9.81
Total Fluid Prod Rate = 166.27 BFPD
Indicated Oil Rate = 135.21 BOPD
Indicated Wtr Rate = 30.62 BWPD
Corrected Oil Rate = 116.54 BOPD
Corrected Wtr Rate = 26.39 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 530 FEET OF GAS ABOVE FLUID.
REMARK 3 : CHLORIDES: 27000 PPM
REMARK 4 :

SET PACKER(S) : 3:55 PM TIME STARTED OFF BOTTOM : 7:40 PM
WELL TEMPERATURE : 130
INITIAL HYDROSTATIC PRESSURE (A) 2244
INITIAL FLOW PERIOD MIN: 30 (B) 124 PSI TO (C) : 205
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1098
FINAL FLOW PERIOD MIN: 55 (E) 287 PSI TO (F) : 351
FINAL CLOSED IN PERIOD MIN: 87 (G) 990
FINAL HYDROSTATIC PRESSURE (H) 2206

WESTERN TESTERS INC
WITICHA - KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORP.
RIG : HODGEMAN-KANSAS
FIELD : MACK 'B'
WELL : #1
DATE : 1-1-87
GAUGE NO : 13403

OPERATIONAL COMMENTS

RECOVERED 530 FEET OF GAS ABOVE FLUID.
CHLORIDES: 27000 PPM

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 13403
DATE : 1/ 1/87

FIELD : MACK 'B'
JOB # : 11268
DEPTH : 4638
TEST : -

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3:55: 0	0.000	124.000	130.00	0.000
2	3:59:59	0.083	128.000	130.00	4.000
3	4: 5: 0	0.167	136.000	130.00	8.000
4	4:10: 0	0.250	155.000	130.00	19.000
5	4:14:59	0.333	173.000	130.00	18.000
6	4:20: 0	0.417	189.000	130.00	16.000
7	4:25: 0	0.500	205.000	130.00	16.000
8	4:28: 0	0.550	736.000	130.00	531.000
9	4:31: 0	0.600	855.000	130.00	119.000
10	4:34: 0	0.650	919.000	130.00	64.000
11	4:37: 0	0.700	958.000	130.00	39.000
12	4:40: 0	0.750	985.000	130.00	27.000
13	4:43: 0	0.800	1008.000	130.00	23.000
14	4:46: 0	0.850	1026.000	130.00	18.000
15	4:49: 0	0.900	1040.000	130.00	14.000
16	4:52: 0	0.950	1052.000	130.00	12.000
17	4:55: 0	1.000	1064.000	130.00	12.000
18	4:58: 0	1.050	1073.000	130.00	9.000
19	5: 1: 0	1.100	1082.000	130.00	9.000
20	5: 4: 0	1.150	1089.000	130.00	7.000
21	5: 7: 0	1.200	1095.000	130.00	6.000
22	5:10: 0	1.250	1098.000	130.00	3.000
23	5:11: 0	1.267	287.000	130.00	-811.000
24	5:14:59	1.333	287.000	130.00	0.000
25	5:20: 0	1.417	287.000	130.00	0.000
26	5:25: 0	1.500	289.000	130.00	2.000
27	5:29:59	1.583	293.000	130.00	4.000
28	5:35: 0	1.667	300.000	130.00	7.000
29	5:40: 0	1.750	308.000	130.00	8.000
30	5:44:59	1.833	318.000	130.00	10.000
31	5:50: 0	1.917	328.000	130.00	10.000
32	5:55: 0	2.000	336.000	130.00	8.000
33	5:59:59	2.083	344.000	130.00	8.000
34	6: 5: 0	2.167	351.000	130.00	7.000
35	6: 8: 0	2.217	555.000	130.00	204.000
36	6:11: 0	2.267	697.000	130.00	142.000
37	6:14: 0	2.317	748.000	130.00	51.000
38	6:17: 0	2.367	781.000	130.00	33.000
39	6:20: 0	2.417	808.000	130.00	27.000
40	6:23: 0	2.467	831.000	130.00	23.000
41	6:26: 0	2.517	847.000	130.00	16.000
42	6:29: 0	2.567	864.000	130.00	17.000
43	6:32: 0	2.617	878.000	130.00	14.000
44	6:35: 0	2.667	890.000	130.00	12.000
45	6:38: 0	2.717	901.000	130.00	11.000
46	6:41: 0	2.767	909.000	130.00	8.000
47	6:44: 0	2.817	915.000	130.00	6.000
48	6:47: 0	2.867	922.000	130.00	7.000
49	6:50: 0	2.917	929.000	130.00	7.000
50	6:53: 0	2.967	934.000	130.00	5.000
51	6:56: 0	3.017	940.000	130.00	6.000
52	6:59: 0	3.067	945.000	130.00	5.000

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 13403
DATE : 1/ 1/87

FIELD : MACK 'B'
JOB # : 11268
DEPTH : 4638
TEST : " " " "

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	7: 2: 0	3.117	950.000	130.00	5.000
54	7: 5: 0	3.167	955.000	130.00	5.000
55	7: 8: 0	3.217	960.000	130.00	5.000
56	7:11: 0	3.267	965.000	130.00	5.000
57	7:14: 0	3.317	970.000	130.00	5.000
58	7:17: 0	3.367	975.000	130.00	5.000
59	7:20: 0	3.417	978.000	130.00	3.000
60	7:23: 0	3.467	981.000	130.00	3.000
61	7:26: 0	3.517	984.000	130.00	3.000
62	7:29: 0	3.567	987.000	130.00	3.000
63	7:32: 0	3.617	990.000	130.00	3.000

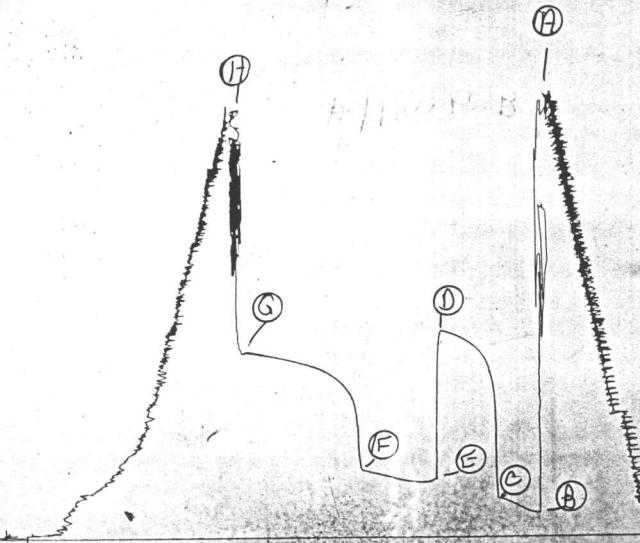
WESTERN TESTERS INC

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