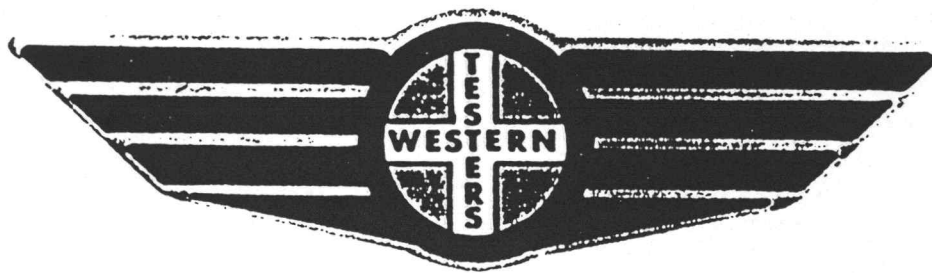


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY AMERICAN ENERGIES CORP. LEASE & WELL NO. SHORT "A" #1

SEC. 12 TWP. 31S RGE. 8W TEST NO. 1 DATE 12/18/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12-18-88	TICKET	: 14261
CUSTOMER	: AMERICAN ENERGIES CORP.	LEASE	: SHORT "A"
WELL	: #1 TEST: 1	GEOLOGIST	: J CHRISTENSEN
ELEVATION	: 1617 KB	FORMATION	: MISSISSIPPI
SECTION	: 12	TOWNSHIP	: 31S
RANGE	: 8W	STATE	: KANSAS
GAUGE SN#	: 13265	CLOCK	: 12
	COUNTY : HARPER		
	RANGE : 4100		

INTERVAL FROM : 4397 TO : 4403 TOTAL DEPTH : 4403

DEPTH OF SELECTIVE ZONE :

PACKER DEPTH : 4392 SIZE : 6.63

PACKER DEPTH : 4397 SIZE : 6.63

PACKER DEPTH : SIZE :

PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 2

MUD TYPE : CHEMICAL

VISCOSITY : 46

WEIGHT : 9.6

WATER LOSS (CC) : 11.2

CHLORIDES (PPM) : 5000

JARS-MAKE : WTC

SERIAL NUMBER : 414

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 : 4366 FT I.D. inch : 3.80

TEST TOOL LENGTH : 31 FT TOOL SIZE : 5.50

ANCHOR LENGTH : 6 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-WEAK BLOW INCREASED TO STRONG AFTER

BLOW COMMENT #2 : 20 MINUTES.

BLOW COMMENT #3 : FINAL FLOW-STRONG BLOW THROUGHOUT.

BLOW COMMENT #4 :

RECOVERED : 40 FT OF: THIN VERY SLIGHTLY OIL CUT MUD
5% OIL-95% MUD

CHLORIDES: 6000 PPM

Total Barrels Fluid = 0.56
Total Fluid Prod Rate = 13.47 BFPD
Indicated Oil Rate = 0.67 BOPD
Indicated Wtr Rate = 0.13 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 1340 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 5:30 PM TIME STARTED OFF BOTTOM : 8:30 PM
WELL TEMPERATURE : 124
INITIAL HYDROSTATIC PRESSURE (A) 2174
INITIAL FLOW PERIOD MIN: 30 (B) 33 PSI TO (C) : 33
INITIAL CLOSED IN PERIOD MIN: 60 (D) 1279
FINAL FLOW PERIOD MIN: 30 (E) 38 PSI TO (F) : 38
FINAL CLOSED IN PERIOD MIN: 66 (G) 1238
FINAL HYDROSTATIC PRESSURE (H) 2168

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORP.
RIG : HARPER-KANSAS
FIELD : SHORT "A"
WELL : #1
DATE : 12-18-88
GAUGE NO : 13265

OPERATIONAL COMMENTS

RECOVERED 1340 FEET OF GAS ABOVE FLUID.

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 13265
DATE : 18/12/88

FIELD : SHORT "A"
JOB # : 14261
DEPTH : 4403
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	5:30: 0	0.000	33.000	124.00	0.000
3	5:34:59	0.083	33.000	124.00	0.000
4	5:40: 0	0.167	33.000	124.00	0.000
5	5:45: 0	0.250	33.000	124.00	0.000
6	5:49:59	0.333	33.000	124.00	0.000
7	5:55: 0	0.417	33.000	124.00	0.000
8	6: 0: 0	0.500	33.000	124.00	0.000
INITIAL SHUT-IN					
9	6: 3: 0	0.550	223.000	124.00	190.000
10	6: 6: 0	0.600	321.000	124.00	98.000
11	6: 9: 0	0.650	415.000	124.00	94.000
12	6:12: 0	0.700	511.000	124.00	96.000
13	6:15: 0	0.750	591.000	124.00	80.000
14	6:18: 0	0.800	666.000	124.00	75.000
15	6:21: 0	0.850	739.000	124.00	73.000
16	6:24: 0	0.900	817.000	124.00	78.000
17	6:27: 0	0.950	882.000	124.00	65.000
18	6:30: 0	1.000	948.000	124.00	66.000
19	6:33: 0	1.050	994.000	124.00	46.000
20	6:36: 0	1.100	1043.000	124.00	49.000
21	6:39: 0	1.150	1085.000	124.00	42.000
22	6:42: 0	1.200	1124.000	124.00	39.000
23	6:45: 0	1.250	1158.000	124.00	34.000
24	6:48: 0	1.300	1186.000	124.00	28.000
25	6:51: 0	1.350	1212.000	124.00	26.000
26	6:54: 0	1.400	1235.000	124.00	23.000
27	6:57: 0	1.450	1258.000	124.00	23.000
28	7: 0: 0	1.500	1279.000	124.00	21.000
FINAL FLOW					
29	7: 1: 0	1.517	38.000	124.00	-1241.000
30	7: 4:59	1.583	38.000	124.00	0.000
31	7:10: 0	1.667	38.000	124.00	0.000
32	7:15: 0	1.750	38.000	124.00	0.000
33	7:19:59	1.833	38.000	124.00	0.000
34	7:25: 0	1.917	38.000	124.00	0.000
35	7:30: 0	2.000	38.000	124.00	0.000
FINAL SHUT-IN					
36	7:33: 0	2.050	166.000	124.00	128.000
37	7:36: 0	2.100	271.000	124.00	105.000
38	7:39: 0	2.150	368.000	124.00	97.000
39	7:42: 0	2.200	461.000	124.00	93.000
40	7:45: 0	2.250	541.000	124.00	80.000
41	7:48: 0	2.300	620.000	124.00	79.000
42	7:51: 0	2.350	694.000	124.00	74.000
43	7:54: 0	2.400	752.000	124.00	58.000
44	7:57: 0	2.450	810.000	124.00	58.000
45	8: 0: 0	2.500	870.000	124.00	60.000
46	8: 3: 0	2.550	918.000	124.00	48.000
47	8: 6: 0	2.600	971.000	124.00	53.000
48	8: 9: 0	2.650	1011.000	124.00	40.000

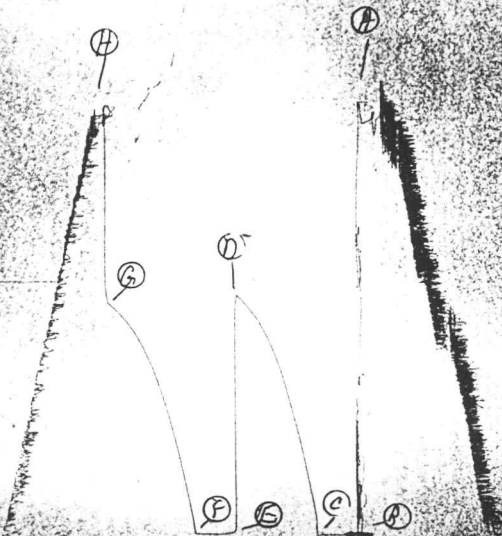
COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 13265
DATE : 18/12/88

FIELD : SHORT "A"
JOB # : 14261
DEPTH : 4403
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	8:12: 0	2.700	1051.000	124.00	40.000
50	8:15: 0	2.750	1082.000	124.00	31.000
51	8:18: 0	2.800	1113.000	124.00	31.000
52	8:21: 0	2.850	1138.000	124.00	25.000
53	8:24: 0	2.900	1160.000	124.00	22.000
54	8:27: 0	2.950	1184.000	124.00	24.000
55	8:30: 0	3.000	1206.000	124.00	22.000
56	8:33: 0	3.050	1224.000	124.00	18.000
57	8:36: 0	3.100	1238.000	124.00	14.000

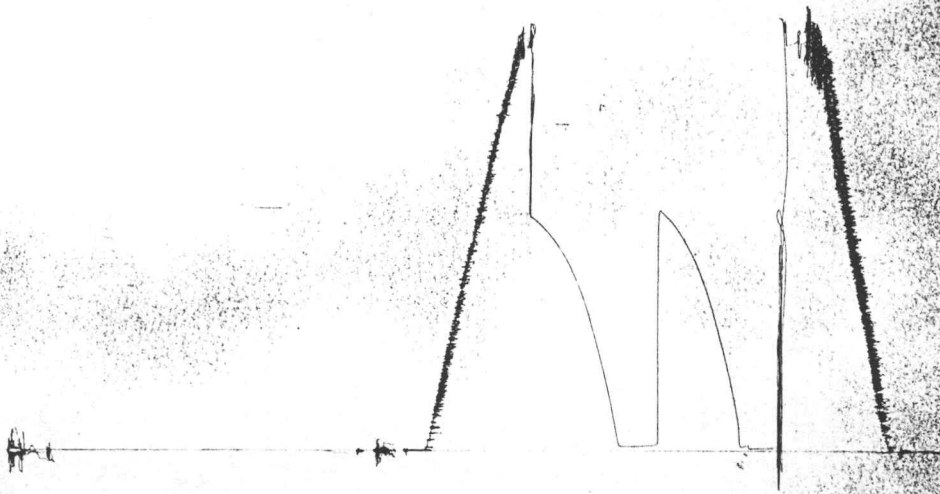
WESTERN TESTING CO. INC.

HK 14260
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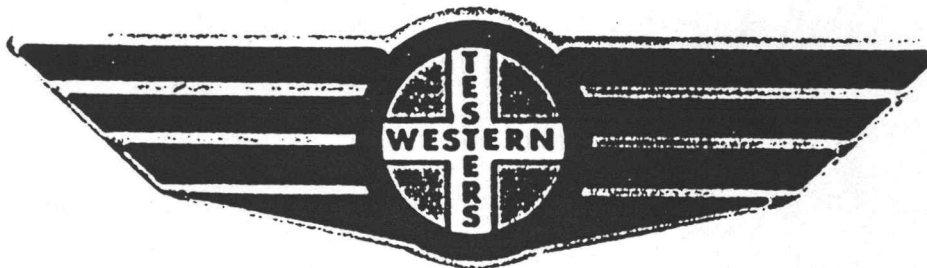


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12-20-88	TICKET	: 14262
CUSTOMER	: AMERICAN ENERGIES CORP.	LEASE	: SHORT "A"
WELL	: #1 TEST: 2	GEOLOGIST	: J CHRISTENSEN
ELEVATION	: 1617 KB	FORMATION	: VIOLA-SIMP.
SECTION	: 12	TOWNSHIP	: 31S
RANGE	: 8W	COUNTY	: HARPER
GAUGE SN#	: 10979	STATE	: KANSAS
		RANGE	: 4100
		CLOCK	: 12

INTERVAL FROM	: 4772	TO	: 4787	TOTAL DEPTH	: 4787
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4767	SIZE	: 6.63		
PACKER DEPTH	: 4772	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN RIG 2		
MUD TYPE	: CHEMCIAL	VISCOSITY	: 50
WEIGHT	: 9.4	WATER LOSS (CC)	: 9.0
CHLORIDES (PPM)	: 5500		
JARS-MAKE	: WTC	SERIAL NUMBER	: 414
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	: 4745	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 27	FT	TOOL SIZE	: 5.50
ANCHOR LENGTH	: 15	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-WEAK 1/2" BLOW.
BLOW COMMENT #2	: FINAL FLOW-FAIR 2" BLOW.
BLOW COMMENT #3	:
BLOW COMMENT #4	:

RECOVERED : 10 FT OF: SLIGHTLY OIL & GAS CUT MUD
3% OIL-97% MUD

CHLORIDES: 5000 PPM

Total Barrels Fluid = 0.14
Total Fluid Prod Rate = 2.69 BFPD
Indicated Oil Rate = 0.08 BOPD
Indicated Wtr Rate = 0.03 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 110 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	6:15 AM	TIME STARTED OFF BOTTOM :	9:30 AM
WELL TEMPERATURE :	129		
INITIAL HYDROSTATIC PRESSURE		(A)	2353
INITIAL FLOW PERIOD MIN:	30	(B)	36 PSI TO (C) : 36
INITIAL CLOSED IN PERIOD MIN:	57	(D)	187
FINAL FLOW PERIOD MIN:	45	(E)	32 PSI TO (F) : 32
FINAL CLOSED IN PERIOD MIN:	54	(G)	202
FINAL HYDROSTATIC PRESSURE		(H)	2353

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORP.
RIG : HARPER-KANSAS
FIELD : SHORT "A"
WELL : #1
DATE : 12-20-88
GAUGE NO : 10979

OPERATIONAL COMMENTS

RECOVERED 110 FEET OF GAS ABOVE FLUID.

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 10979
DATE : 20/12/88

FIELD : SHORT "A"
JOB # : 14262
DEPTH : 4787
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	36.000	129.00	0.000
3	6:19:59	0.083	36.000	129.00	0.000
4	6:25: 0	0.167	36.000	129.00	0.000
5	6:30: 0	0.250	36.000	129.00	0.000
6	6:34:59	0.333	36.000	129.00	0.000
7	6:40: 0	0.417	36.000	129.00	0.000
8	6:45: 0	0.500	36.000	129.00	0.000
INITIAL SHUT-IN					
9	6:48: 0	0.550	36.000	129.00	0.000
10	6:51: 0	0.600	38.000	129.00	2.000
11	6:54: 0	0.650	43.000	129.00	5.000
12	6:57: 0	0.700	50.000	129.00	7.000
13	7: 0: 0	0.750	59.000	129.00	9.000
14	7: 3: 0	0.800	67.000	129.00	8.000
15	7: 6: 0	0.850	76.000	129.00	9.000
16	7: 9: 0	0.900	84.000	129.00	8.000
17	7:12: 0	0.950	92.000	129.00	8.000
18	7:15: 0	1.000	102.000	129.00	10.000
19	7:18: 0	1.050	109.000	129.00	7.000
20	7:21: 0	1.100	118.000	129.00	9.000
21	7:24: 0	1.150	129.000	129.00	11.000
22	7:27: 0	1.200	139.000	129.00	10.000
23	7:30: 0	1.250	146.000	129.00	7.000
24	7:33: 0	1.300	158.000	129.00	12.000
25	7:36: 0	1.350	165.000	129.00	7.000
26	7:39: 0	1.400	174.000	129.00	9.000
27	7:42: 0	1.450	187.000	129.00	13.000
FINAL FLOW					
28	7:43: 0	1.467	32.000	129.00	-155.000
29	7:46:59	1.533	32.000	129.00	0.000
30	7:52: 0	1.617	32.000	129.00	0.000
31	7:57: 0	1.700	32.000	129.00	0.000
32	8: 1:59	1.783	32.000	129.00	0.000
33	8: 7: 0	1.867	32.000	129.00	0.000
34	8:12: 0	1.950	32.000	129.00	0.000
35	8:16:59	2.033	32.000	129.00	0.000
36	8:22: 0	2.117	32.000	129.00	0.000
37	8:27: 0	2.200	32.000	129.00	0.000
FINAL SHUT-IN					
38	8:30: 0	2.250	33.000	129.00	1.000
39	8:33: 0	2.300	40.000	129.00	7.000
40	8:36: 0	2.350	48.000	129.00	8.000
41	8:39: 0	2.400	60.000	129.00	12.000
42	8:42: 0	2.450	70.000	129.00	10.000
43	8:45: 0	2.500	83.000	129.00	13.000
44	8:48: 0	2.550	92.000	129.00	9.000
45	8:51: 0	2.600	103.000	129.00	11.000
46	8:54: 0	2.650	112.000	129.00	9.000
47	8:57: 0	2.700	122.000	129.00	10.000
48	9: 0: 0	2.750	133.000	129.00	11.000

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 10979
DATE : 20/12/88

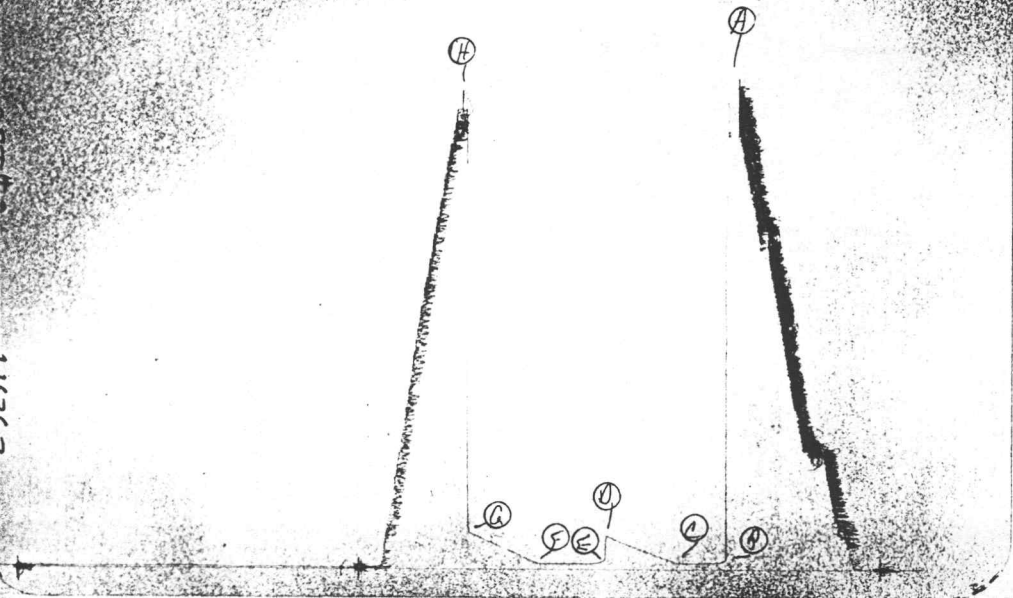
FIELD : SHORT "A"
JOB # : 14262
DEPTH : 4787
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9: 3: 0	2.800	143.000	129.00	10.000
50	9: 6: 0	2.850	155.000	129.00	12.000
51	9: 9: 0	2.900	164.000	129.00	9.000
52	9:12: 0	2.950	174.000	129.00	10.000
53	9:15: 0	3.000	184.000	129.00	10.000
54	9:18: 0	3.050	194.000	129.00	10.000
55	9:21: 0	3.100	202.000	129.00	8.000

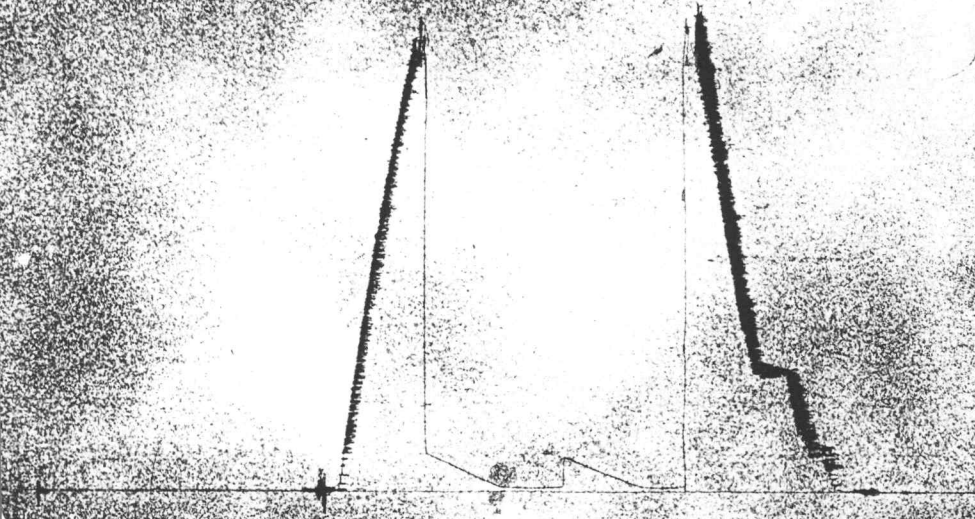
WESTERN TESTING CO. INC.

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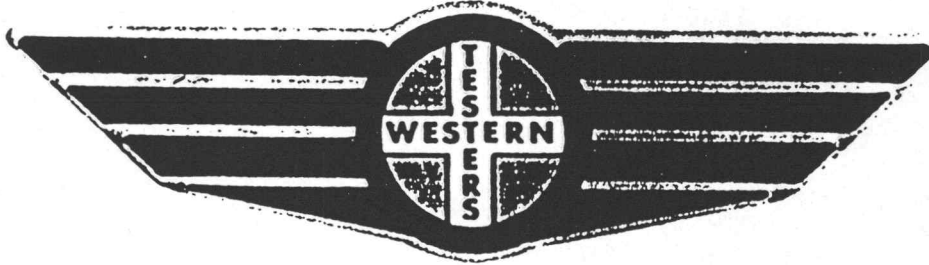


KT 14262
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13265 DST#2 14262

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 12-21-88	TICKET	: 14263
CUSTOMER	: AMERICAN ENERGIES CORP.	LEASE	: SHORT "A"
WELL	: #1 TEST: 3	GEOLOGIST	: J CHRISTENSEN
ELEVATION	: 1611 KB	FORMATION	: SIMPSON
SECTION	: 12	TOWNSHIP	: 31S
RANGE	: 8W	COUNTY	: HARPER
GAUGE SN#	: 3474	STATE	: KANSAS
		RANGE	: 3000
		CLOCK	: 12

INTERVAL FROM	: 4779	TO	: 4792	TOTAL DEPTH	: 4820
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 4779	SIZE	: 6.63		
PACKER DEPTH	: 4792	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN RIG 2		
MUD TYPE	: CHEMICAL	VISCOSITY	: 49
WEIGHT	: 9.6	WATER LOSS (CC)	: 9.2
CHLORIDES (PPM)	: 5000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 414
DID WELL FLOW ?	: GAS	REVERSED OUT ?	: YES

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 4745	FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 62	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	: VERY STRONG BLOW THROUGHOUT TEST. GAS TO SURFACE
BLOW COMMENT #2	: IN 4 MINUTES. SEE REMARKS. CONDENSATE TO SURFACE IN
BLOW COMMENT #3	: 4 MINUTES. OIL TO SURFACE IN 20 MINUTES.
BLOW COMMENT #4	:

RECOVERED : 120 FT OF: HEAVY OIL & GAS CUT MUD
60% OIL-40% MUD
SAMPLE TRAP FREE OIL 47 GRAVITY CORRECTED

Total Barrels Fluid = 1.68
Total Fluid Prod Rate = 80.79 BFPD
Indicated Oil Rate = 48.48 BOPD
Indicated Wtr Rate = 3.23 BWPD
Corrected Oil Rate = 543.32 BOPD
Corrected Wtr Rate = 36.22 BWPD

REMARK 1 :
REMARK 2 : WAITED UNTIL DAYLIGHT TO DUMP OIL & GAS & PULL TOOL.
REMARK 3 : BOTH FINAL FLOW AND SHUT-IN WERE TERMINATED DUE TO
EXTREME HEAT.
REMARK 4 : UNABLE TO MEASURE GAS DUE TO VERY HEAVY FLOW OF CONDENSATE
& OIL TO SURFACE. GAS & OIL WERE FLARED AS SOON AS OIL
REACHED SURFACE ON FINAL FLOW.

SET PACKER(S) : 12:45 AM
WELL TEMPERATURE : 129
INITIAL HYDROSTATIC PRESSURE (A) 2459
INITIAL FLOW PERIOD MIN: 20 (B) 685 PSI TO (C) : 818
INITIAL CLOSED IN PERIOD MIN: 30 (D) 1764
FINAL FLOW PERIOD MIN: 10 (E) 899 PSI TO (F) : 962
FINAL CLOSED IN PERIOD MIN: 9 (G) 1756
FINAL HYDROSTATIC PRESSURE (H) 2366
TIME STARTED OFF BOTTOM : 1:44 AM

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : AMERICAN ENERGIES CORP.
RIG : HARPER-KANSAS
FIELD : SHORT "A"
WELL : #1
DATE : 12-21-88
GAUGE NO : 3474

OPERATIONAL COMMENTS

WAITED UNTIL DAYLIGHT TO DUMP OIL & GAS & PULL TOOL.
BOTH FINAL FLOW AND SHUT-IN WERE TERMINATED DUE TO
EXTREME HEAT.
UNABLE TO MEASURE GAS DUE TO VERY HEAVY FLOW OF CONDENSATE
& OIL TO SURFACE. GAS & OIL WERE FLARED AS SOON AS OIL
REACHED SURFACE ON FINAL FLOW.

COMPANY : AMERICAN ENERGIES CORP.
WELL : #1
GAUGE # : 3474,
DATE : 21/12/88

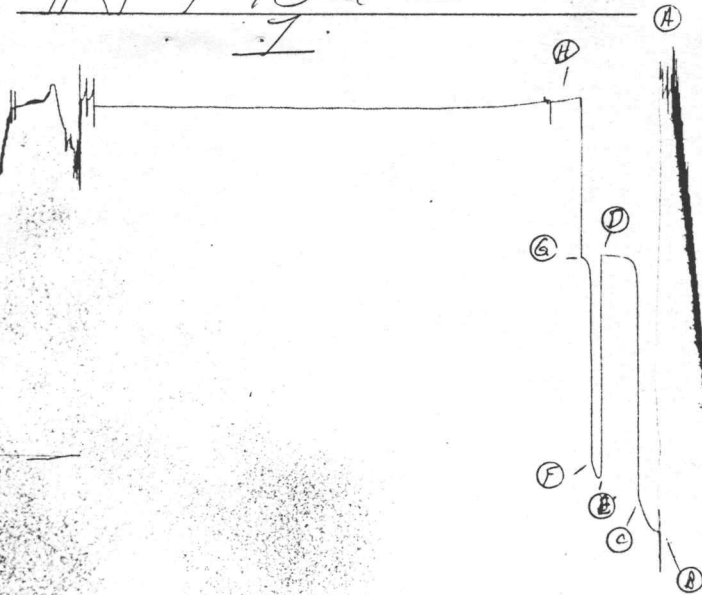
FIELD : SHORT "A"
JOB # : 14263~
DEPTH : 4820
TEST :

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	12:45: 0	0.000	685.000	129.00	0.000
3	12:49:59	0.083	695.000	129.00	10.000
4	12:55: 0	0.167	729.000	129.00	34.000
5	13: 0: 0	0.250	789.000	129.00	60.000
6	13: 4:59	0.333	818.000	129.00	29.000
INITIAL SHUT-IN					
7	13: 7:59	0.383	1658.000	129.00	840.000
8	13:10:59	0.433	1736.000	129.00	78.000
9	13:13:59	0.483	1749.000	129.00	13.000
10	13:16:59	0.533	1754.000	129.00	5.000
11	13:19:59	0.583	1758.000	129.00	4.000
12	13:22:59	0.633	1760.000	129.00	2.000
13	13:25:59	0.683	1763.000	129.00	3.000
14	13:28:59	0.733	1764.000	129.00	1.000
15	13:31:59	0.783	1764.000	129.00	0.000
16	13:34:59	0.833	1764.000	129.00	0.000
FINAL FLOW					
17	13:36: 0	0.850	899.000	129.00	-865.000
18	13:39:59	0.917	927.000	129.00	28.000
19	13:45: 0	1.000	962.000	129.00	35.000
FINAL SHUT-IN					
20	13:48: 0	1.050	1699.000	129.00	737.000
21	13:51: 0	1.100	1746.000	129.00	47.000
22	13:54: 0	1.150	1756.000	129.00	10.000

WESTERN TESTING CO. INC.

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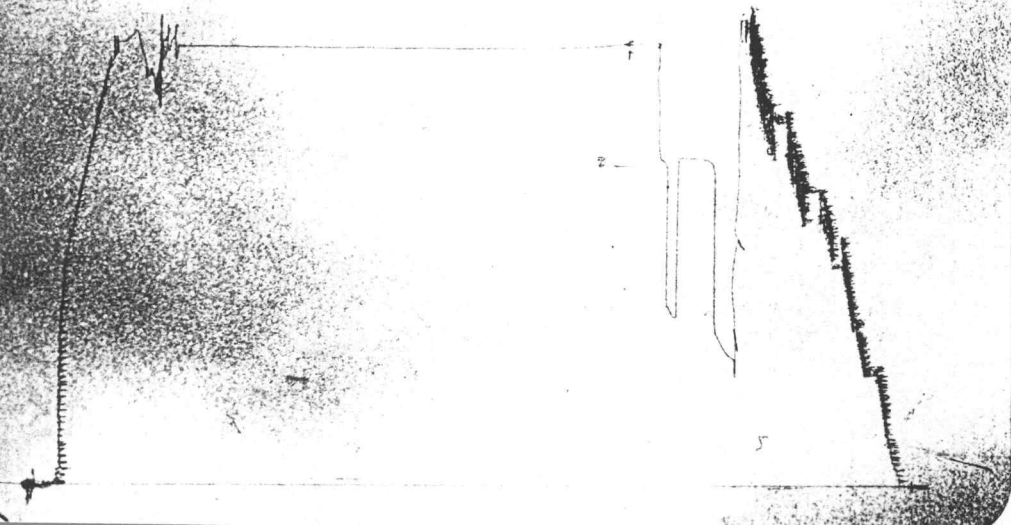
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DST #3

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Below Saddle

13265

OST 3

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