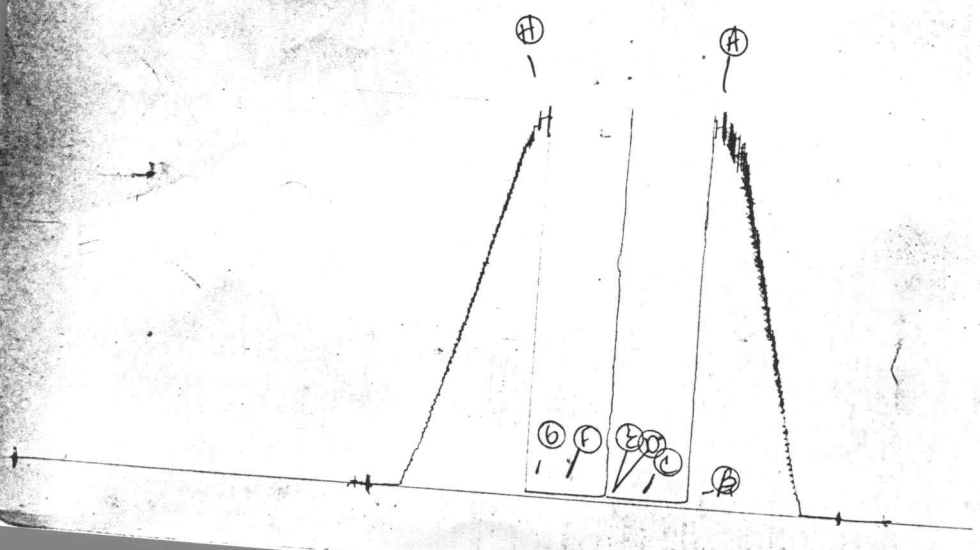


6233

JK # 12555

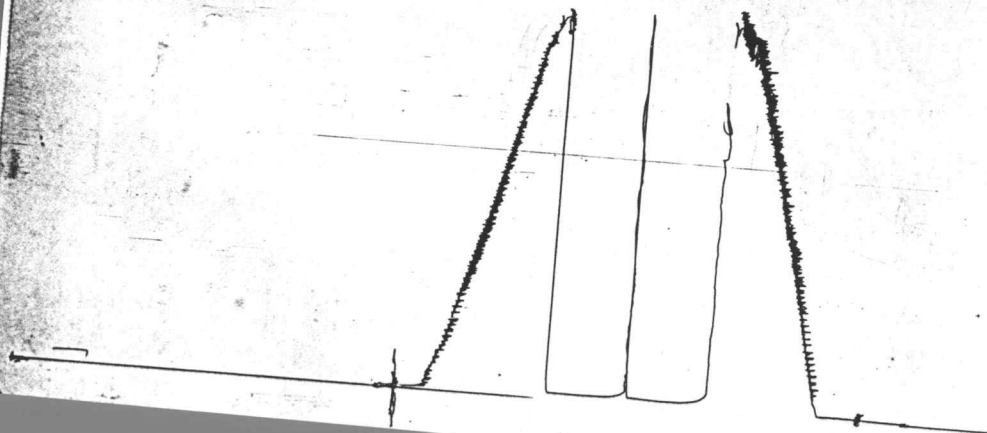
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1342

JK # 12555

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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	:	4-4-88	TICKET	:	12555
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1 TEST: 1	GEOLOGIST	:	K. HOWARD
ELEVATION	:	2742 KB	FORMATION	:	L-KC-"I"
SECTION	:	16	TOWNSHIP	:	16S
RANGE	:	29W	COUNTY	:	LANE
GAUGE SN#	:	6233	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4053	TO	:	4076	TOTAL DEPTH	:	4076
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4048	SIZE	:	6.75			
PACKER DEPTH	:	4053	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG	:	1
MUD TYPE	:	CHEMICAL	VISCOSITY	:	43
WEIGHT	:	9.2	WATER LOSS (CC)	:	8
CHLORIDES (PPM)	:	3000			
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	:	4033	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	23	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-DIED IN 5 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD / FEW OIL SPOTS IN TOP OF TOOL

CHLORIDES: 4000 PPM

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.68 BFPD
Indicated Wtr Rate = 0.17 BWPD

REMARK 1 : FLUSHED TOOL FINAL FLOW.

REMARK 2 :

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 5:25 PM

WELL TEMPERATURE : 120

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 30

FINAL HYDROSTATIC PRESSURE

TIME STARTED OFF BOTTOM : 7:25 PM

(A) 1993

(B) 22 PSI TO (C) : 22

(D) 25

(E) 25 PSI TO (F) : 24

(G) 24

(H) 1989

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-4-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

FLUSHED TOOL FINAL FLOW.

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 4/ 4/88

FIELD : KERKHOFF
JOB # : 12555
DEPTH : 4076
TEST : FLUSHED TOOL FINAL FLOW.

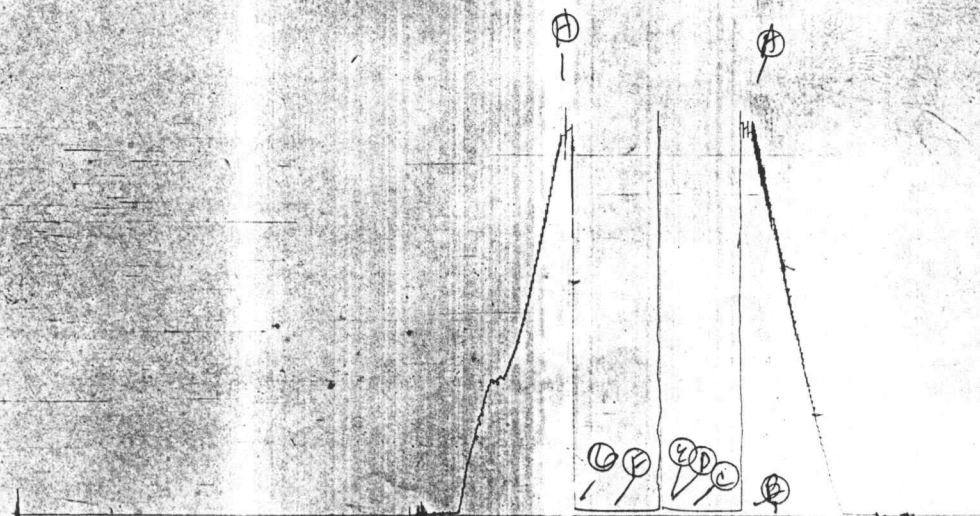
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P(i-1)$
1	5:25: 0	0.000	22.000	120.00	0.000
2	5:29:59	0.083	22.000	120.00	0.000
3	5:35: 0	0.167	22.000	120.00	0.000
4	5:40: 0	0.250	22.000	120.00	0.000
5	5:44:59	0.333	22.000	120.00	0.000
6	5:50: 0	0.417	22.000	120.00	0.000
7	5:55: 0	0.500	22.000	120.00	0.000
8	5:58: 0	0.550	22.000	120.00	0.000
9	6: 1: 0	0.600	22.000	120.00	0.000
10	6: 4: 0	0.650	22.000	120.00	0.000
11	6: 7: 0	0.700	22.000	120.00	0.000
12	6:10: 0	0.750	22.000	120.00	0.000
13	6:13: 0	0.800	22.000	120.00	0.000
14	6:16: 0	0.850	23.000	120.00	0.000
15	6:19: 0	0.900	23.000	120.00	1.000
16	6:22: 0	0.950	24.000	120.00	0.000
17	6:25: 0	1.000	25.000	120.00	1.000
18	6:26: 0	1.017	25.000	120.00	1.000
19	6:29:59	1.083	29.000	120.00	0.000
20	6:35: 0	1.167	24.000	120.00	4.000
21	6:40: 0	1.250	24.000	120.00	-5.000
22	6:44:59	1.333	24.000	120.00	0.000
23	6:50: 0	1.417	24.000	120.00	0.000
24	6:55: 0	1.500	24.000	120.00	0.000
25	6:58: 0	1.550	24.000	120.00	0.000
26	7: 1: 0	1.600	24.000	120.00	0.000
27	7: 4: 0	1.650	24.000	120.00	0.000
28	7: 7: 0	1.700	24.000	120.00	0.000
29	7:10: 0	1.750	24.000	120.00	0.000
30	7:13: 0	1.800	24.000	120.00	0.000
31	7:16: 0	1.850	24.000	120.00	0.000
32	7:19: 0	1.900	24.000	120.00	0.000
33	7:22: 0	1.950	24.000	120.00	0.000
34	7:25: 0	2.000	24.000	120.00	0.000

WESTERN TESTING CO. INC.

6233

Site # 12556

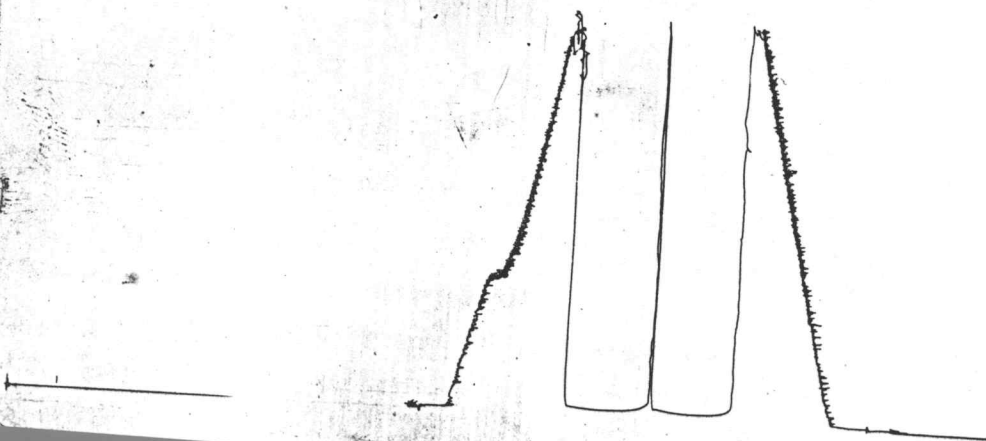
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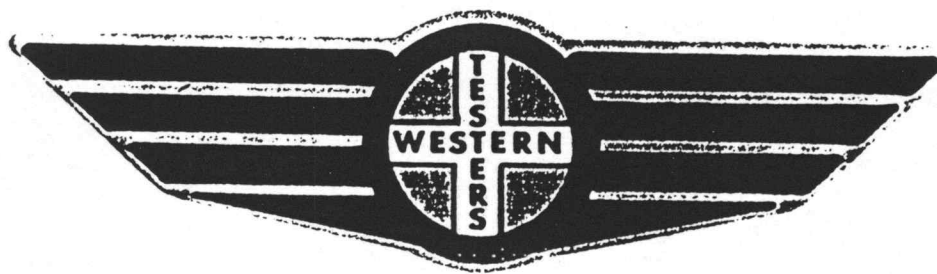
13/5/00

JK # 12556

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY ENERGY EXPLORATION, INC. LEASE & WELL NO. KERKHOFF #1 SEC. 16 TWP. 16S RGE. 29W TEST NO. 2 DATE 4/5/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-5-88	TICKET	:	12556
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1 TEST: 2	GEOLOGIST	:	K. HOWARD
ELEVATION	:	2742 KB	FORMATION	:	L-KC "J"
SECTION	:	16	TOWNSHIP	:	16S
RANGE	:	29W	STATE	:	KANSAS
GAUGE SN#	:	6233	CLOCK	:	12
		COUNTY :	LANE		
		RANGE :	4000		

INTERVAL FROM	:	4083	TO	:	4100	TOTAL DEPTH	:	4100
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4078	SIZE	:	6.75			
PACKER DEPTH	:	4083	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.2	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	2000			
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	:	4063	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	17	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-DIED IN 20 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 5 FT OF: MUD / SCUM OF OIL IN TOP OF TOOL

CHLORIDES: 4000 PPM

Total Barrels Fluid = 0.07
Total Fluid Prod Rate = 1.68 BFPD
Indicated Wtr Rate = 0.17 BWPD

REMARK 1 : FLUSHED TOOL FINAL FLOW.

REMARK 2 :

REMARK 3 :

REMARK 4 :

SET PACKER(S) : 8:35 AM

TIME STARTED OFF BOTTOM : 10:35 AM

WELL TEMPERATURE : 121

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 30

FINAL FLOW PERIOD MIN: 30

FINAL CLOSED IN PERIOD MIN: 33

FINAL HYDROSTATIC PRESSURE

(A) 2052

(B) 22 PSI TO (C) : 22

(D) 39

(E) 39 PSI TO (F) : 26

(G) 36

(H) 2031

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-5-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

FLUSHED TOOL FINAL FLOW.

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 5/ 4/88

FIELD : KERKHOFF
JOB # : 12556
DEPTH : 4100
TEST : FLUSHED TOOL FINAL FLOW.

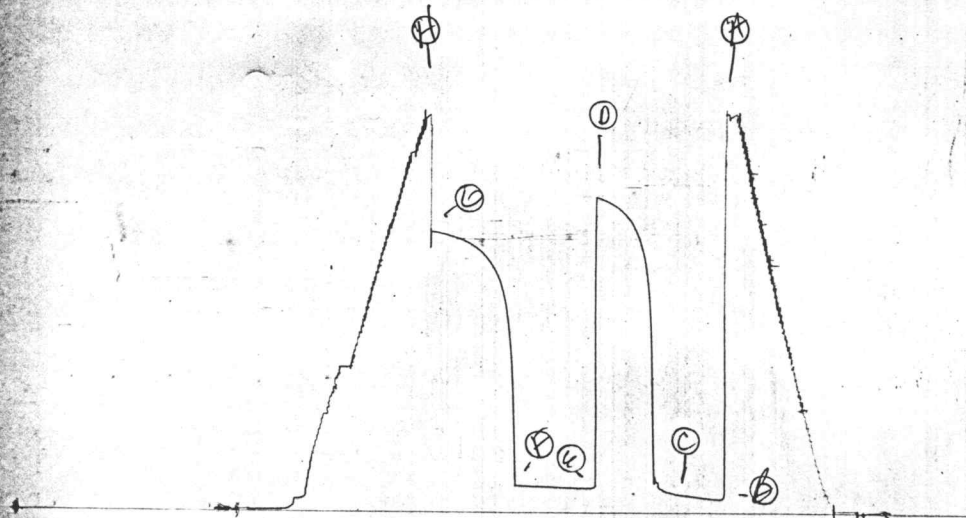
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	8:35: 0	0.000	22.000	121.00	0.000
2	8:39:59	0.083	22.000	121.00	0.000
3	8:45: 0	0.167	22.000	121.00	0.000
4	8:50: 0	0.250	22.000	121.00	0.000
5	8:54:59	0.333	22.000	121.00	0.000
6	9: 0: 0	0.417	22.000	121.00	0.000
7	9: 5: 0	0.500	22.000	121.00	0.000
8	9: 8: 0	0.550	22.000	121.00	0.000
9	9:11: 0	0.600	22.000	121.00	0.000
10	9:14: 0	0.650	22.000	121.00	0.000
11	9:17: 0	0.700	25.000	121.00	0.000
12	9:20: 0	0.750	26.000	121.00	3.000
13	9:23: 0	0.800	28.000	121.00	1.000
14	9:26: 0	0.850	32.000	121.00	2.000
15	9:29: 0	0.900	35.000	121.00	4.000
16	9:32: 0	0.950	37.000	121.00	3.000
17	9:35: 0	1.000	39.000	121.00	2.000
18	9:36: 0	1.017	39.000	121.00	2.000
19	9:39:59	1.083	30.000	121.00	0.000
20	9:45: 0	1.167	27.000	121.00	-9.000
21	9:50: 0	1.250	26.000	121.00	-3.000
22	9:54:59	1.333	26.000	121.00	-1.000
23	10: 0: 0	1.417	26.000	121.00	0.000
24	10: 5: 0	1.500	26.000	121.00	0.000
25	10: 8: 0	1.550	26.000	121.00	0.000
26	10:11: 0	1.600	26.000	121.00	0.000
27	10:14: 0	1.650	26.000	121.00	0.000
28	10:17: 0	1.700	26.000	121.00	0.000
29	10:20: 0	1.750	26.000	121.00	0.000
30	10:23: 0	1.800	26.000	121.00	0.000
31	10:26: 0	1.850	26.000	121.00	0.000
32	10:29: 0	1.900	28.000	121.00	0.000
33	10:32: 0	1.950	30.000	121.00	2.000
34	10:35: 0	2.000	33.000	121.00	2.000
35	10:38: 0	2.050	36.000	121.00	3.000

WESTERN TESTING CO. INC.

6233

OK # 12557

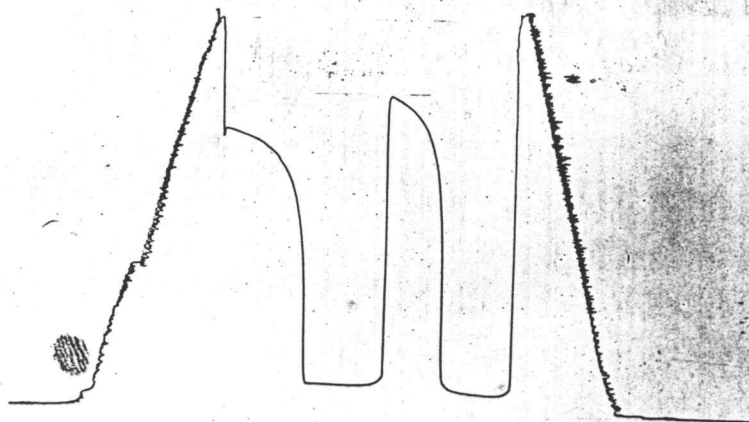
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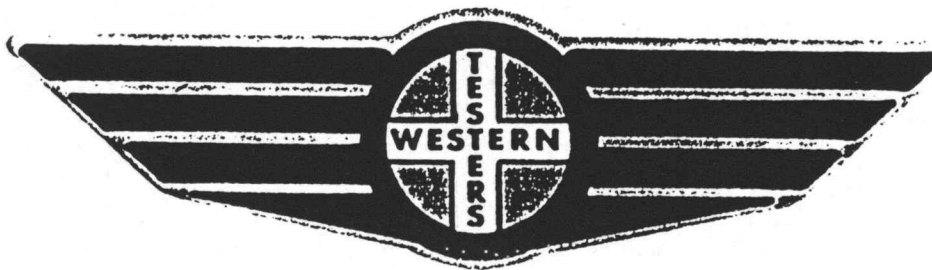
139100

JK # 12557

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY ENERGY EXPLORATION, INC.

LEASE & WELL NO.

KERKHOFF #1

SEC. 16

TWP. 16S

RGE. 29W

TEST NO. 3

DATE

4/6/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-6-88	TICKET	:	12557
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1	TEST:	:	3
ELEVATION	:	2742 KB	GEOLOGIST	:	K. HOWARD
SECTION	:	16	FORMATION	:	L-KC "K"
RANGE	:	29W	TOWNSHIP	:	16S
Gauge SN#	:	6233	STATE	:	KANSAS
		COUNTY :	LANE		
		RANGE :	4000		
			CLOCK	:	12

INTERVAL FROM	:	4119	TO	:	4140	TOTAL DEPTH	:	4140
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4114	SIZE	:	6.75			
PACKER DEPTH	:	4119	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	42
WEIGHT	:	9.2	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	2000			
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	:	4099	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	21	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-8" IN WATER.
BLOW COMMENT #2	:	FINAL FLOW-WEAK STEADY BLOW-1" IN WATER.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 300 FT OF: WATERY MUD
25% WATER-75% MUD

CHLORIDES: 12000 PPM

Total Barrels Fluid = 4.21
Total Fluid Prod Rate = 67.33 BFPD
Indicated Wtr Rate = 22.22 BWPD

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

SET PACKER(S) : 2:25 AM

TIME STARTED OFF BOTTOM : 5:55 AM

WELL TEMPERATURE : 122

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 66

FINAL FLOW PERIOD MIN: 60

FINAL CLOSED IN PERIOD MIN: 63

FINAL HYDROSTATIC PRESSURE

(A) 2068

(B) 63 PSI TO (C) : 82

(D) 1652

(E) 118 PSI TO (F) : 129

(G) 1467

(H) 2061

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-6-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

COMPANY : ENERGY EXPLORATION INC.
 WELL : #1
 GAUGE # : 6233
 DATE : 6/ 4/88

FIELD : KERKHOFF
 JOB # : 12557
 DEPTH : 4140
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	2:25: 0	0.000	63.000	122.00	0.000
2	2:29:59	0.083	63.000	122.00	0.000
3	2:35: 0	0.167	65.000	122.00	2.000
4	2:40: 0	0.250	68.000	122.00	3.000
5	2:44:59	0.333	75.000	122.00	7.000
6	2:50: 0	0.417	78.000	122.00	3.000
7	2:55: 0	0.500	82.000	122.00	4.000
8	2:58: 0	0.550	84.000	122.00	2.000
9	3: 1: 0	0.600	88.000	122.00	4.000
10	3: 4: 0	0.650	95.000	122.00	7.000
11	3: 7: 0	0.700	99.000	122.00	4.000
12	3:10: 0	0.750	110.000	122.00	11.000
13	3:13: 0	0.800	121.000	122.00	11.000
14	3:16: 0	0.850	177.000	122.00	56.000
15	3:19: 0	0.900	876.000	122.00	699.000
16	3:22: 0	0.950	1180.000	122.00	304.000
17	3:25: 0	1.000	1308.000	122.00	128.000
18	3:28: 0	1.050	1400.000	122.00	92.000
19	3:31: 0	1.100	1453.000	122.00	53.000
20	3:34: 0	1.150	1502.000	122.00	49.000
21	3:37: 0	1.200	1535.000	122.00	33.000
22	3:40: 0	1.250	1560.000	122.00	25.000
23	3:43: 0	1.300	1579.000	122.00	19.000
24	3:46: 0	1.350	1597.000	122.00	18.000
25	3:49: 0	1.400	1611.000	122.00	14.000
26	3:52: 0	1.450	1623.000	122.00	12.000
27	3:55: 0	1.500	1635.000	122.00	12.000
28	3:58: 0	1.550	1644.000	122.00	9.000
29	4: 1: 0	1.600	1652.000	122.00	8.000
30	4: 2: 0	1.617	118.000	122.00	-1534.000
31	4: 5:59	1.683	118.000	122.00	0.000
32	4:11: 0	1.767	118.000	122.00	0.000
33	4:16: 0	1.850	118.000	122.00	0.000
34	4:20:59	1.933	120.000	122.00	2.000
35	4:26: 0	2.017	121.000	122.00	1.000
36	4:31: 0	2.100	122.000	122.00	1.000
37	4:35:59	2.183	124.000	122.00	2.000
38	4:41: 0	2.267	125.000	122.00	1.000
39	4:46: 0	2.350	126.000	122.00	1.000
40	4:50:59	2.433	127.000	122.00	1.000
41	4:56: 0	2.517	128.000	122.00	1.000
42	5: 1: 0	2.600	129.000	122.00	1.000
43	5: 3:59	2.650	719.000	122.00	590.000
44	5: 6:59	2.700	967.000	122.00	248.000
45	5:10: 0	2.750	1103.000	122.00	136.000
46	5:13: 0	2.800	1191.000	122.00	88.000
47	5:16: 0	2.850	1243.000	122.00	52.000
48	5:18:59	2.900	1279.000	122.00	36.000
49	5:21:59	2.950	1309.000	122.00	30.000
50	5:25: 0	3.000	1336.000	122.00	27.000
51	5:28: 0	3.050	1359.000	122.00	23.000
52	5:31: 0	3.100	1377.000	122.00	18.000

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 6/ 4/88

FIELD : KERKHOFF
JOB # : 12557
DEPTH : 4140
TEST :

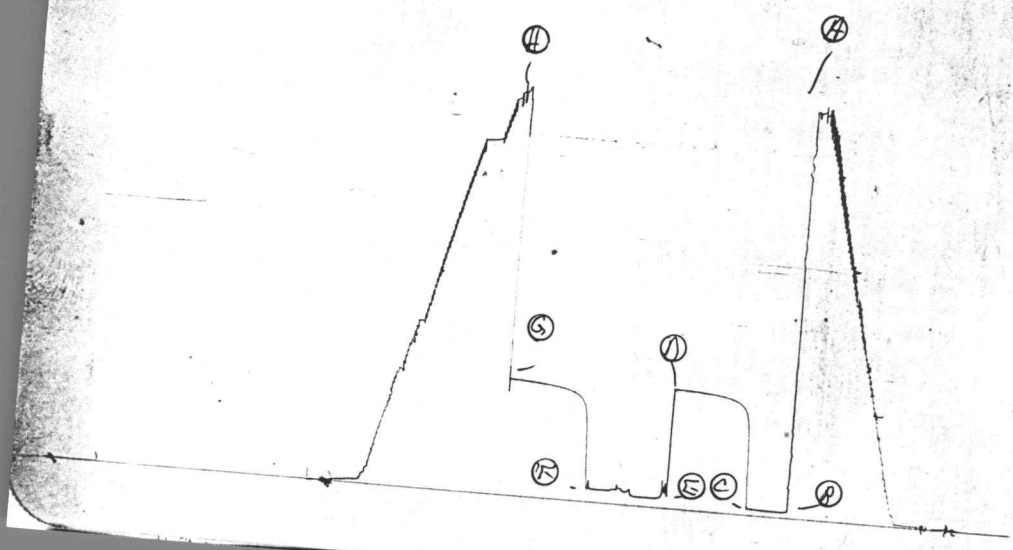
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	5:33:59	3.150	1392.000	122.00	15.000
54	5:36:59	3.200	1405.000	122.00	13.000
55	5:40: 0	3.250	1416.000	122.00	11.000
56	5:43: 0	3.300	1425.000	122.00	9.000
57	5:46: 0	3.350	1435.000	122.00	10.000
58	5:48:59	3.400	1441.000	122.00	6.000
59	5:51:59	3.450	1446.000	122.00	5.000
60	5:55: 0	3.500	1453.000	122.00	7.000
61	5:58: 0	3.550	1456.000	122.00	3.000
62	6: 1: 0	3.600	1463.000	122.00	7.000
63	6: 3:59	3.650	1467.000	122.00	4.000

WESTERN TESTING CO. INC.

6233

TKA 12558

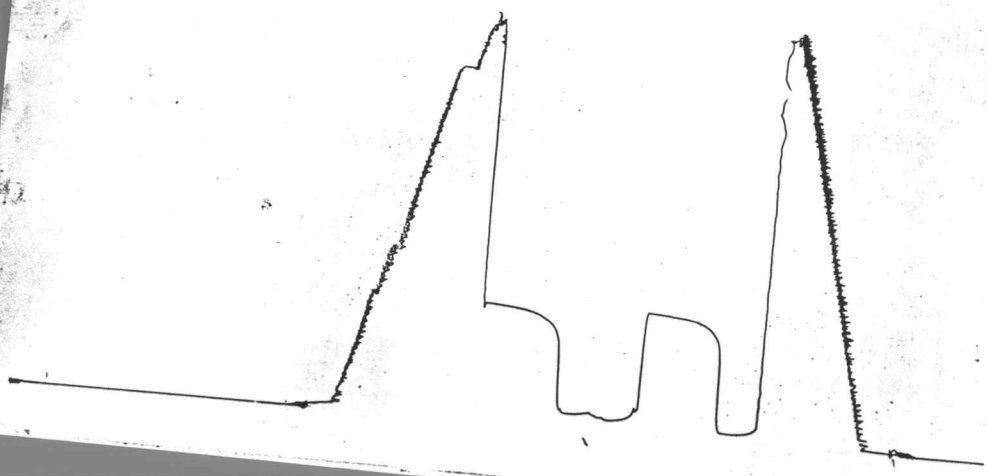
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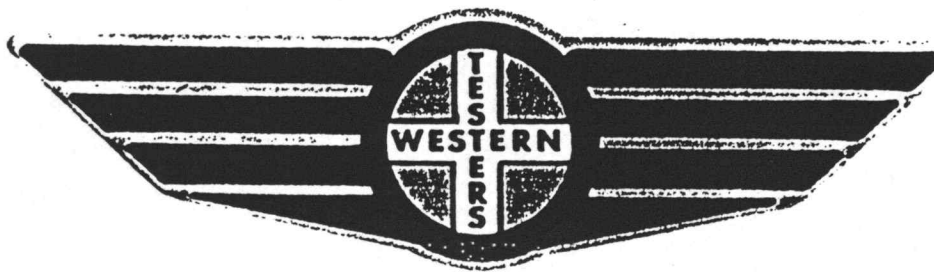
13400

#1 12558

0



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY ENERGY EXPLORATION, INC. LEASE & WELL NO. KERKHOFF #1 SEC. 16 TWP. 16S RGE. 29W TEST NO. 4 DATE 4/7/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-7-88	TICKET	:	12558
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1	TEST:	:	4
ELEVATION	:	2742 KB	GEOLOGIST	:	K. HOWARD
SECTION	:	16	FORMATION	:	MARMATON
RANGE	:	29W	COUNTY	:	LANE
GAUGE SN#	:	6233	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4188	TO	:	4240	TOTAL DEPTH	:	4240
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4183	SIZE	:	6.75			
PACKER DEPTH	:	4188	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG	:	1
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.2	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	5000			
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	:	4168	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	52	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 STEADY BLOW-1/2" IN WATER.
BLOW COMMENT #2	:	FINAL FLOW-WEAK STEADY BLOW-1/4" IN WATER.
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : • 70 FT OF: MUDDY WATER
80% WATER-20% MUD

CHLORIDES: 12000 PPM

Total Barrels Fluid = 0.98
Total Fluid Prod Rate = 15.71 BFPD
Indicated Wtr Rate = 12.57 BWPD

REMARK 1 : SLT PLUGGING FINAL FLOW
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	3:00 AM	TIME STARTED OFF BOTTOM :	6:30 AM
WELL TEMPERATURE :	122		
INITIAL HYDROSTATIC PRESSURE		(A)	2118
INITIAL FLOW PERIOD MIN:	30	(B)	30 PSI TO (C) : 34
INITIAL CLOSED IN PERIOD MIN:	60	(D)	632
FINAL FLOW PERIOD MIN:	60	(E)	63 PSI TO (F) : 70
FINAL CLOSED IN PERIOD MIN:	63	(G)	619
FINAL HYDROSTATIC PRESSURE		(H)	2108

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-7-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

SLT PLUGGING FINAL FLOW

COMPANY : ENERGY EXPLORATION INC.
WELL : #1 -
GAUGE # : 6233
DATE : 7/ 4/88

FIELD : KERKHOFF.
JOB # : 12558
DEPTH : 4240
TEST : SLT PLUGGING FINAL FLOW

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3: 0: 0	0.000	30.000	122.00	0.000
2	3: 4:59	0.083	30.000	122.00	0.000
3	3:10: 0	0.167	30.000	122.00	0.000
4	3:15: 0	0.250	30.000	122.00	0.000
5	3:19:59	0.333	31.000	122.00	1.000
6	3:25: 0	0.417	32.000	122.00	1.000
7	3:30: 0	0.500	34.000	122.00	2.000
8	3:33: 0	0.550	381.000	122.00	347.000
9	3:36: 0	0.600	538.000	122.00	157.000
10	3:39: 0	0.650	570.000	122.00	32.000
11	3:42: 0	0.700	586.000	122.00	16.000
12	3:45: 0	0.750	597.000	122.00	11.000
13	3:48: 0	0.800	604.000	122.00	7.000
14	3:51: 0	0.850	610.000	122.00	6.000
15	3:54: 0	0.900	613.000	122.00	3.000
16	3:57: 0	0.950	617.000	122.00	4.000
17	4: 0: 0	1.000	620.000	122.00	3.000
18	4: 2:59	1.050	622.000	122.00	2.000
19	4: 6: 0	1.100	624.000	122.00	2.000
20	4: 9: 0	1.150	625.000	122.00	1.000
21	4:12: 0	1.200	626.000	122.00	1.000
22	4:15: 0	1.250	627.000	122.00	1.000
23	4:18: 0	1.300	628.000	122.00	1.000
24	4:21: 0	1.350	629.000	122.00	1.000
25	4:24: 0	1.400	630.000	122.00	1.000
26	4:27: 0	1.450	631.000	122.00	1.000
27	4:30: 0	1.500	632.000	122.00	1.000
28	4:31: 0	1.517	63.000	122.00	-569.000
29	4:34:59	1.583	55.000	122.00	-8.000
30	4:40: 0	1.667	48.000	122.00	-7.000
31	4:45: 0	1.750	48.000	122.00	0.000
32	4:49:59	1.833	48.000	122.00	0.000
33	4:55: 0	1.917	48.000	122.00	0.000
34	5: 0: 0	2.000	70.000	122.00	22.000
35	5: 4:59	2.083	82.000	122.00	12.000
36	5:10: 0	2.167	77.000	122.00	-5.000
37	5:15: 0	2.250	70.000	122.00	-7.000
38	5:19:59	2.333	70.000	122.00	0.000
39	5:25: 0	2.417	70.000	122.00	0.000
40	5:30: 0	2.500	70.000	122.00	0.000
41	5:33: 0	2.550	362.000	122.00	292.000
42	5:36: 0	2.600	516.000	122.00	154.000
43	5:39: 0	2.650	549.000	122.00	33.000
44	5:42: 0	2.700	565.000	122.00	16.000
45	5:45: 0	2.750	574.000	122.00	9.000
46	5:48: 0	2.800	584.000	122.00	10.000
47	5:51: 0	2.850	590.000	122.00	6.000
48	5:54: 0	2.900	594.000	122.00	4.000
49	5:57: 0	2.950	598.000	122.00	4.000
50	6: 0: 0	3.000	601.000	122.00	3.000
51	6: 3: 0	3.050	604.000	122.00	3.000
52	6: 6: 0	3.100	606.000	122.00	2.000

COMPANY : ENERGY EXPLORATION INC.

WELL : #1

GAUGE # : 6233

DATE : 7/ 4/88

FIELD : KERKHOFF

JOB # : 12558

DEPTH : 4240

TEST : SLT PLUGGING FINAL FLOW

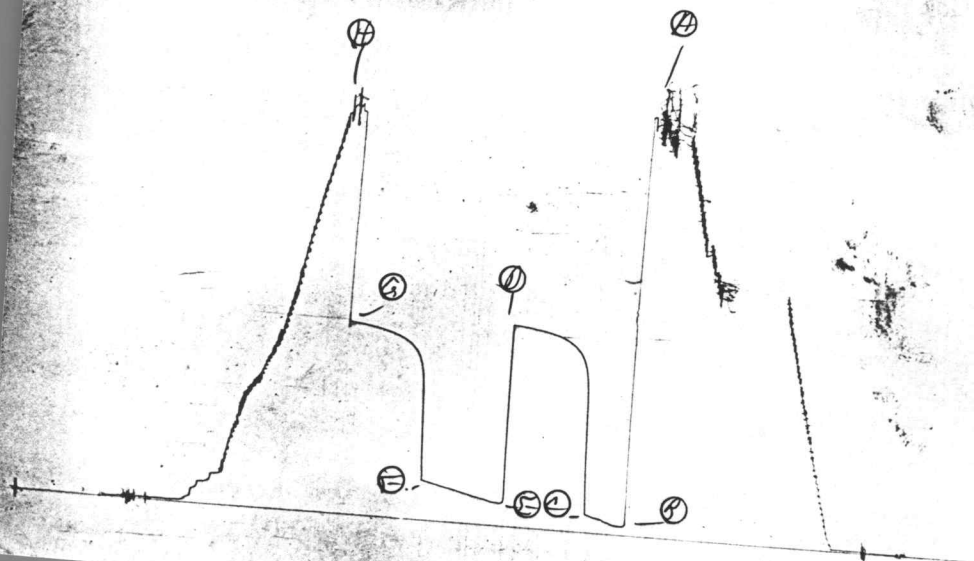
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	6: 9: 0	3.150	608.000	122.00	2.000
54	6:12: 0	3.200	610.000	122.00	2.000
55	6:15: 0	3.250	612.000	122.00	2.000
56	6:18: 0	3.300	614.000	122.00	2.000
57	6:21: 0	3.350	615.000	122.00	1.000
58	6:24: 0	3.400	616.000	122.00	1.000
59	6:27: 0	3.450	617.000	122.00	1.000
60	6:30: 0	3.500	618.000	122.00	1.000
61	6:33: 0	3.550	619.000	122.00	1.000

WESTERN TESTING CO. INC.

6233

TKT 12559

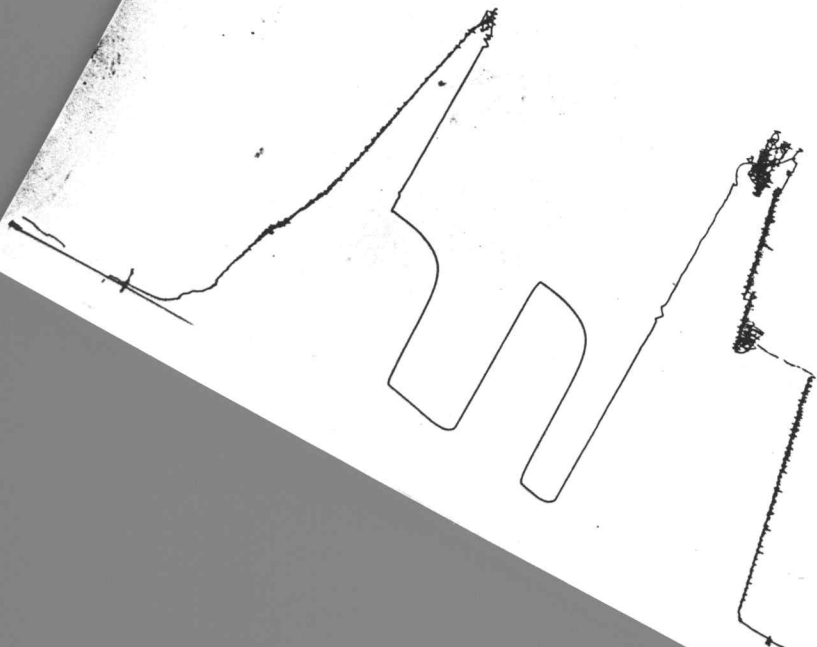
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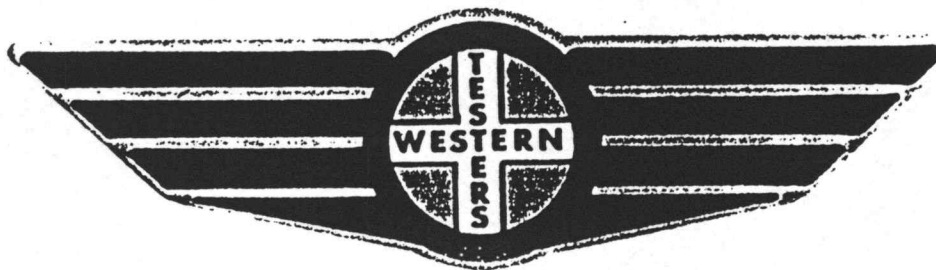
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12552

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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

ENERGY EXPLORATION, INC.

LEASE & WELL NO.

KERKHOFF #1

SEC. 16

TWP. 16S

RGE. 29W

TEST NO.

5

DATE

4/8/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-8-88	TICKET	:	12559
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1	TEST:	5	GEOLOGIST : K. HOWARD
ELEVATION	:	2742 KB	FORMATION	:	MARMATON
SECTION	:	16	TOWNSHIP	:	16S
RANGE	:	29W	COUNTY	:	LANE
GAUGE SN#	:	6233	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4234	TO	:	4361	TOTAL DEPTH	:	4361
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4229	SIZE	:	6.75			
PACKER DEPTH	:	4234	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	44
WEIGHT	:	9.3	WATER LOSS (CC)	:	9.6
CHLORIDES (PPM)	:	8000			
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	:	4214	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	127	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-INCREASED TO 8" IN WATER.
BLOW COMMENT #2 : FINAL FLOW-FAIR BLOW-5" IN WATER.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: CLEAN OIL
RECOVERED : 30 FT OF: OIL CUT MUD
20% OIL-80% MUD
RECOVERED : 240 FT OF: OIL CUT WATERY MUD
5% OIL-30% WATER-65% MUD
RECOVERED : 120 FT OF: MUDDY WATER
85% WATER-15% MUD

CHLORIDES: 35000 PPM

Total Barrels Fluid = 5.61
Total Fluid Prod Rate = 89.77 BFPD
Indicated Oil Rate = 6.28 BOPD
Indicated Wtr Rate = 38.15 BWPD

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

SET PACKER(S) : 6:25 AM

TIME STARTED OFF BOTTOM : 9:55 AM

WELL TEMPERATURE : 128

INITIAL HYDROSTATIC PRESSURE

(A) 2178

INITIAL FLOW PERIOD MIN: 30

(B) 40

PSI TO (C) : 85

INITIAL CLOSED IN PERIOD MIN: 63

(D) 1057

FINAL FLOW PERIOD MIN: 60

(E) 118

PSI TO (F) : 203

FINAL CLOSED IN PERIOD MIN: 60

(G) 1012

FINAL HYDROSTATIC PRESSURE

(H) 2133

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-8-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 8/ 4/88

FIELD : KERKHOFF*
JOB # : 12559
DEPTH : 4361
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:25: 0	0.000	40.000	128.00	0.000
2	6:29:59	0.083	40.000	128.00	0.000
3	6:35: 0	0.167	44.000	128.00	4.000
4	6:40: 0	0.250	55.000	128.00	11.000
5	6:44:59	0.333	69.000	128.00	14.000
6	6:50: 0	0.417	75.000	128.00	6.000
7	6:55: 0	0.500	85.000	128.00	10.000
8	6:58: 0	0.550	472.000	128.00	387.000
9	7: 1: 0	0.600	795.000	128.00	323.000
10	7: 4: 0	0.650	891.000	128.00	96.000
11	7: 7: 0	0.700	931.000	128.00	40.000
12	7:10: 0	0.750	956.000	128.00	25.000
13	7:13: 0	0.800	973.000	128.00	17.000
14	7:16: 0	0.850	986.000	128.00	13.000
15	7:19: 0	0.900	997.000	128.00	11.000
16	7:22: 0	0.950	1008.000	128.00	11.000
17	7:25: 0	1.000	1016.000	128.00	8.000
18	7:28: 0	1.050	1022.000	128.00	6.000
19	7:31: 0	1.100	1027.000	128.00	5.000
20	7:34: 0	1.150	1031.000	128.00	4.000
21	7:37: 0	1.200	1036.000	128.00	5.000
22	7:40: 0	1.250	1040.000	128.00	4.000
23	7:43: 0	1.300	1043.000	128.00	3.000
24	7:46: 0	1.350	1046.000	128.00	3.000
25	7:49: 0	1.400	1048.000	128.00	2.000
26	7:52: 0	1.450	1051.000	128.00	3.000
27	7:55: 0	1.500	1054.000	128.00	3.000
28	7:58: 0	1.550	1057.000	128.00	3.000
29	7:59: 0	1.567	118.000	128.00	-939.000
30	8: 2:59	1.633	118.000	128.00	0.000
31	8: 8: 0	1.717	121.000	128.00	3.000
32	8:13: 0	1.800	131.000	128.00	10.000
33	8:17:59	1.883	138.000	128.00	7.000
34	8:23: 0	1.967	146.000	128.00	8.000
35	8:28: 0	2.050	154.000	128.00	8.000
36	8:32:59	2.133	164.000	128.00	10.000
37	8:38: 0	2.217	171.000	128.00	7.000
38	8:43: 0	2.300	179.000	128.00	8.000
39	8:47:59	2.383	188.000	128.00	9.000
40	8:53: 0	2.467	197.000	128.00	9.000
41	8:58: 0	2.550	203.000	128.00	6.000
42	9: 1: 0	2.600	593.000	128.00	390.000
43	9: 3:59	2.650	808.000	128.00	215.000
44	9: 7: 0	2.700	866.000	128.00	58.000
45	9:10: 0	2.750	897.000	128.00	31.000
46	9:13: 0	2.800	919.000	128.00	22.000
47	9:16: 0	2.850	933.000	128.00	14.000
48	9:18:59	2.900	945.000	128.00	12.000
49	9:22: 0	2.950	956.000	128.00	11.000
50	9:25: 0	3.000	962.000	128.00	6.000
51	9:28: 0	3.050	971.000	128.00	9.000
52	9:31: 0	3.100	977.000	128.00	6.000

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 8/ 4/88

FIELD : KERKHOFF
JOB # : 12559
DEPTH : 4361
TEST :

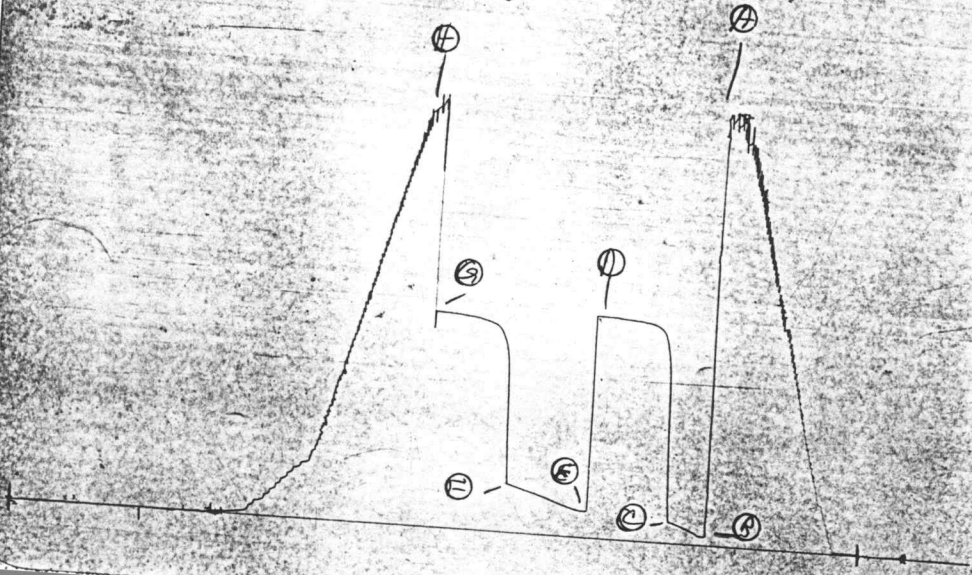
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9:34: 0	3.150	984.000	128.00	7.000
54	9:36:59	3.200	988.000	128.00	4.000
55	9:40: 0	3.250	991.000	128.00	3.000
56	9:43: 0	3.300	996.000	128.00	5.000
57	9:46: 0	3.350	1002.000	128.00	6.000
58	9:49: 0	3.400	1004.000	128.00	2.000
59	9:51:59	3.450	1007.000	128.00	3.000
60	9:55: 0	3.500	1010.000	128.00	3.000
61	9:58: 0	3.550	1012.000	128.00	2.000

WESTERN TESTING CO. INC.

6233

RT 125100

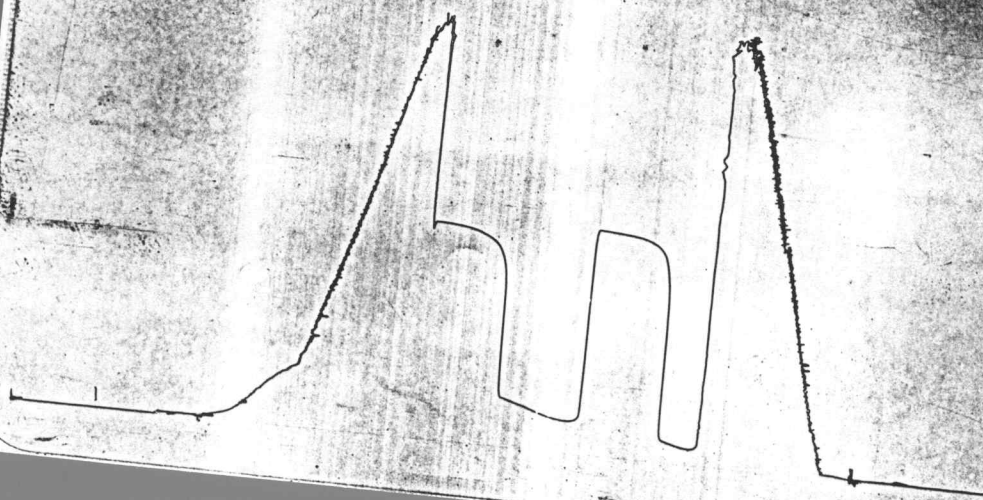
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13400

74 125600

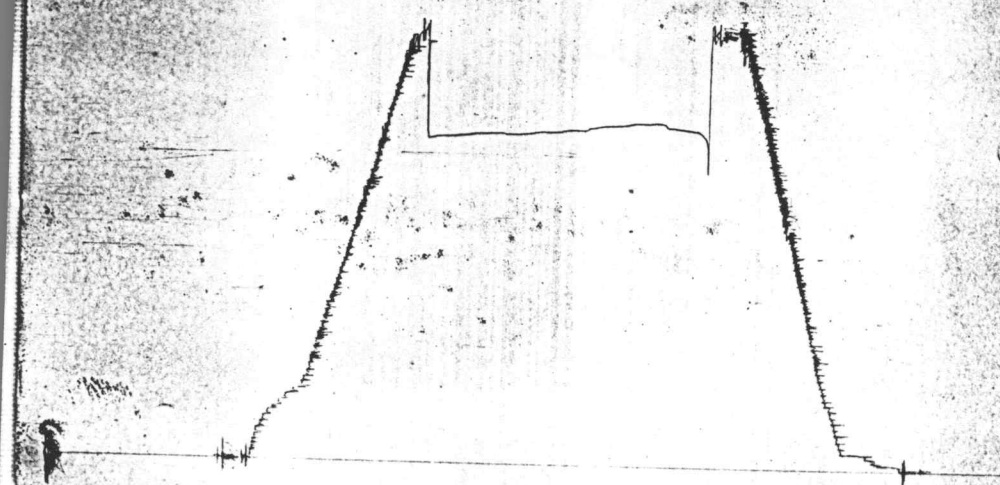
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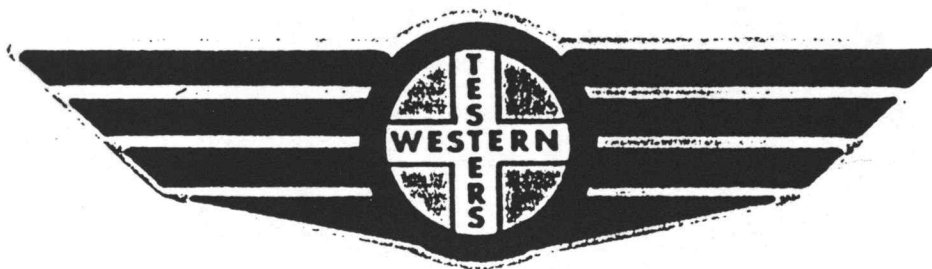
282/

RT 12560

Below Steadle



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY ENERGY EXPLORATION, INC. LEASE & WELL NO. KERKHOFF #1 SEC. 16 TWP. 16S RGE. 29W TEST NO. 6 DATE 4/9/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-9-88	TICKET	:	12560
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1	TEST:	:	6
ELEVATION	:	2742 KB	GEOLOGIST	:	K. HOWARD
SECTION	:	16	FORMATION	:	MIR-FT SCOTT
RANGE	:	29W	COUNTY	:	LANE
GAUGE SN#	:	6233	RANGE	:	4000
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	4330	TO	:	4400	TOTAL DEPTH	:	4510
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4425	SIZE	:	6.75			
PACKER DEPTH	:	4430	SIZE	:	6.75			
PACKER DEPTH	:	4400	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	46
WEIGHT	:	9.4	WATER LOSS (CC)	:	10.0
CHLORIDES (PPM)	:	6000			
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	:	4310	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	20	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	70	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-BOTTOM OF BUCKET IN 15 MINUTES
BLOW COMMENT #2	:	FINAL FLOW-STRONG BLOW-BOTTOM OF BUCKET IN 15 MINUTES
BLOW COMMENT #3	:	
BLOW COMMENT #4	:	

RECOVERED : 150 FT OF: OIL
GRAVITY 37 CORRECTED TO 60 DEG.F.
RECOVERED : 180 FT OF: MUD CUT OIL
50% OIL-50% MUD
RECOVERED : 120 FT OF: MUDDY WATER / WITH SCUM OF OIL
60% WATER-40% MUD-LESS THAN 1% OIL
RECOVERED : 120 FT OF: WATER

CHLORIDES: 36000 PPM

Total Barrels Fluid = 8.00
Total Fluid Prod Rate = 127.92 BFPD
Indicated Oil Rate = 56.33 BOPD
Indicated Wtr Rate = 46.90 BWPD
Corrected Oil Rate = 128.99 BOPD
Corrected Wtr Rate = 107.41 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 854 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 12:35 AM
WELL TEMPERATURE : 124
INITIAL HYDROSTATIC PRESSURE (A) 2229
INITIAL FLOW PERIOD MIN: 30 (B) 42 PSI TO (C) : 109
INITIAL CLOSED IN PERIOD MIN: 63 (D) 1155
FINAL FLOW PERIOD MIN: 60 (E) 132 PSI TO (F) : 251
FINAL CLOSED IN PERIOD MIN: 60 (G) 1122
FINAL HYDROSTATIC PRESSURE (H) 2211

TIME STARTED OFF BOTTOM : 4:05 AM

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-9-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

RECOVERED 854 FEET OF GAS ABOVE FLUID.

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 9/ 4/88

FIELD : KERKHOFF
JOB # : 12560
DEPTH : 4510
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:35: 0	0.000	42.000	124.00	0.000
2	12:39:59	0.083	42.000	124.00	0.000
3	12:45: 0	0.167	61.000	124.00	19.000
4	12:50: 0	0.250	75.000	124.00	14.000
5	12:54:59	0.333	88.000	124.00	13.000
6	13: 0: 0	0.417	100.000	124.00	12.000
7	13: 5: 0	0.500	109.000	124.00	9.000
8	13: 8: 0	0.550	317.000	124.00	208.000
9	13:11: 0	0.600	651.000	124.00	334.000
10	13:14: 0	0.650	957.000	124.00	306.000
11	13:17: 0	0.700	1062.000	124.00	105.000
12	13:20: 0	0.750	1100.000	124.00	38.000
13	13:23: 0	0.800	1117.000	124.00	17.000
14	13:26: 0	0.850	1125.000	124.00	8.000
15	13:29: 0	0.900	1131.000	124.00	6.000
16	13:32: 0	0.950	1136.000	124.00	5.000
17	13:35: 0	1.000	1139.000	124.00	3.000
18	13:38: 0	1.050	1141.000	124.00	2.000
19	13:41: 0	1.100	1143.000	124.00	2.000
20	13:44: 0	1.150	1145.000	124.00	2.000
21	13:47: 0	1.200	1146.000	124.00	1.000
22	13:50: 0	1.250	1147.000	124.00	1.000
23	13:53: 0	1.300	1148.000	124.00	1.000
24	13:56: 0	1.350	1149.000	124.00	1.000
25	13:59: 0	1.400	1151.000	124.00	2.000
26	14: 2: 0	1.450	1153.000	124.00	2.000
27	14: 5: 0	1.500	1155.000	124.00	2.000
28	14: 8: 0	1.550	1155.000	124.00	0.000
29	14: 9: 0	1.567	132.000	124.00	-1023.000
30	14:12:59	1.633	134.000	124.00	2.000
31	14:18: 0	1.717	141.000	124.00	7.000
32	14:23: 0	1.800	151.000	124.00	10.000
33	14:27:59	1.883	163.000	124.00	12.000
34	14:33: 0	1.967	177.000	124.00	14.000
35	14:38: 0	2.050	189.000	124.00	12.000
36	14:42:59	2.133	200.000	124.00	11.000
37	14:48: 0	2.217	211.000	124.00	11.000
38	14:53: 0	2.300	221.000	124.00	10.000
39	14:57:59	2.383	233.000	124.00	12.000
40	15: 3: 0	2.467	244.000	124.00	11.000
41	15: 8: 0	2.550	251.000	124.00	7.000
42	15:11: 0	2.600	737.000	124.00	486.000
43	15:13:59	2.650	968.000	124.00	231.000
44	15:17: 0	2.700	1025.000	124.00	57.000
45	15:20: 0	2.750	1061.000	124.00	36.000
46	15:23: 0	2.800	1075.000	124.00	14.000
47	15:26: 0	2.850	1085.000	124.00	10.000
48	15:28:59	2.900	1090.000	124.00	5.000
49	15:32: 0	2.950	1096.000	124.00	6.000
50	15:35: 0	3.000	1102.000	124.00	6.000
51	15:38: 0	3.050	1106.000	124.00	4.000
52	15:41: 0	3.100	1108.000	124.00	2.000

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 9/ 4/88

FIELD : KERKHOFF
JOB # : 12560
DEPTH : 4510
TEST :

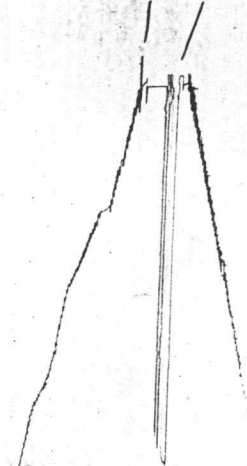
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	15:44: 0	3.150	1110.000	124.00	2.000
54	15:46:59	3.200	1112.000	124.00	2.000
55	15:50: 0	3.250	1114.000	124.00	2.000
56	15:53: 0	3.300	1116.000	124.00	2.000
57	15:56: 0	3.350	1118.000	124.00	2.000
58	15:59: 0	3.400	1119.000	124.00	1.000
59	16: 1:59	3.450	1120.000	124.00	1.000
60	16: 5: 0	3.500	1121.000	124.00	1.000
61	16: 8: 0	3.550	1122.000	124.00	1.000

WESTERN TESTING CO. INC.

6233

TK4. 12561

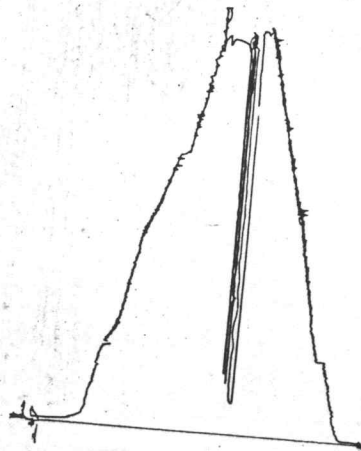
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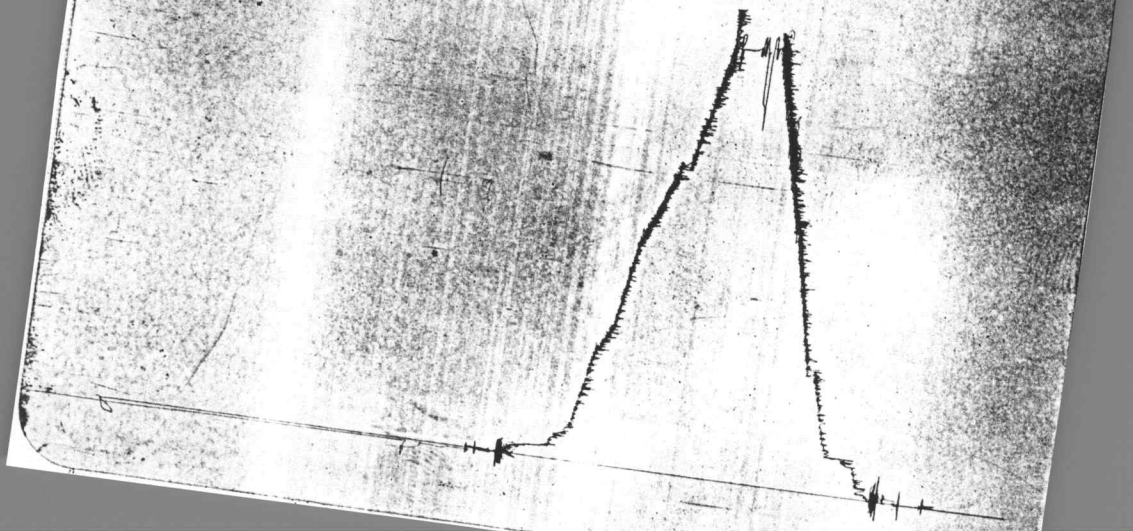
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FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 4-10-88
CUSTOMER : ENERGY EXPLORATION INC.
WELL : #1 TEST: 7
ELEVATION : 2742 KB
SECTION : 16
RANGE : 29W COUNTY : LANE
GAUGE SN# : 6233 RANGE : 4000

TICKET : 12561
LEASE : KERKHOFF
GEOLOGIST : K. HOWARD
FORMATION : L. KC -K
TOWNSHIP : 16S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4115 TO : 4147 TOTAL DEPTH : 4510
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4110 SIZE : 6.75
PACKER DEPTH : 4115 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ABERCROMBIE RIG 1
MUD TYPE : CHEMICAL VISCOSITY : 46
WEIGHT : 9.4 WATER LOSS (CC) : 10
CHLORIDES (PPM) : 6000
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 : 4095 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 32 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 :
BLOW COMMENT #2 :
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 0 FT OF:

Total Barrels Fluid = 0.00
Total Fluid Prod Rate = 0.00 BFPD

REMARK 1 : MISRUN: TOP PACKERS DID NOT HOLD.
REMARK 2 :
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 9:30 AM

TIME STARTED OFF BOTTOM : 10:00 AM

WELL TEMPERATURE : 0

INITIAL HYDROSTATIC PRESSURE

(A) 2088

INITIAL FLOW PERIOD MIN: 0

(B) 0 PSI TO (C) : 0

INITIAL CLOSED IN PERIOD MIN: 0

(D) 0

FINAL FLOW PERIOD MIN: 0

(E) 0 PSI TO (F) : 0

FINAL CLOSED IN PERIOD MIN: 0

(G) 0

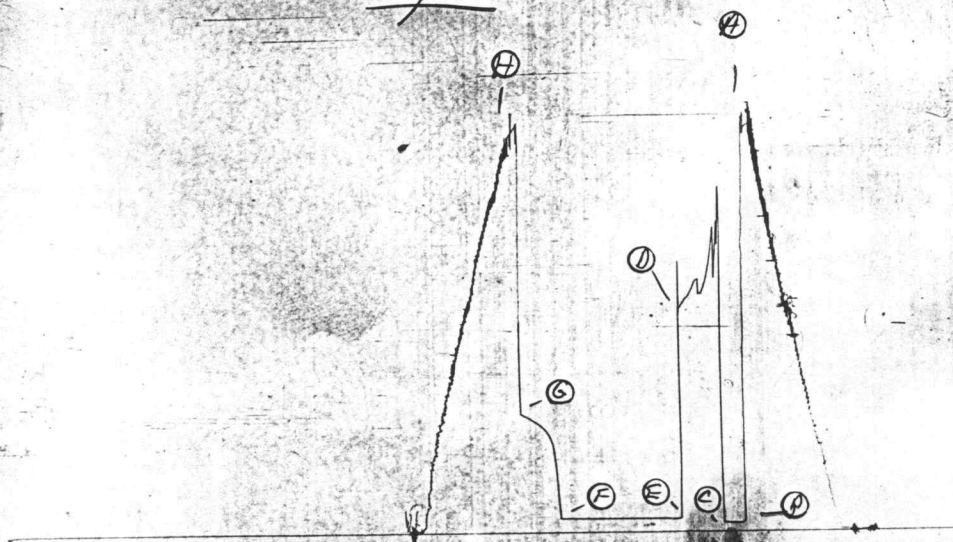
FINAL HYDROSTATIC PRESSURE

(H) 2071

0233

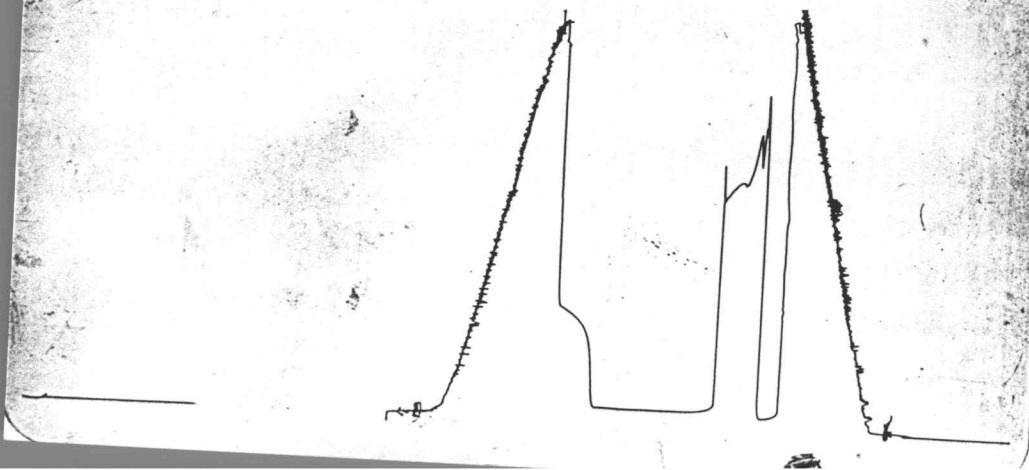
~~KT~~ 12952

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13400

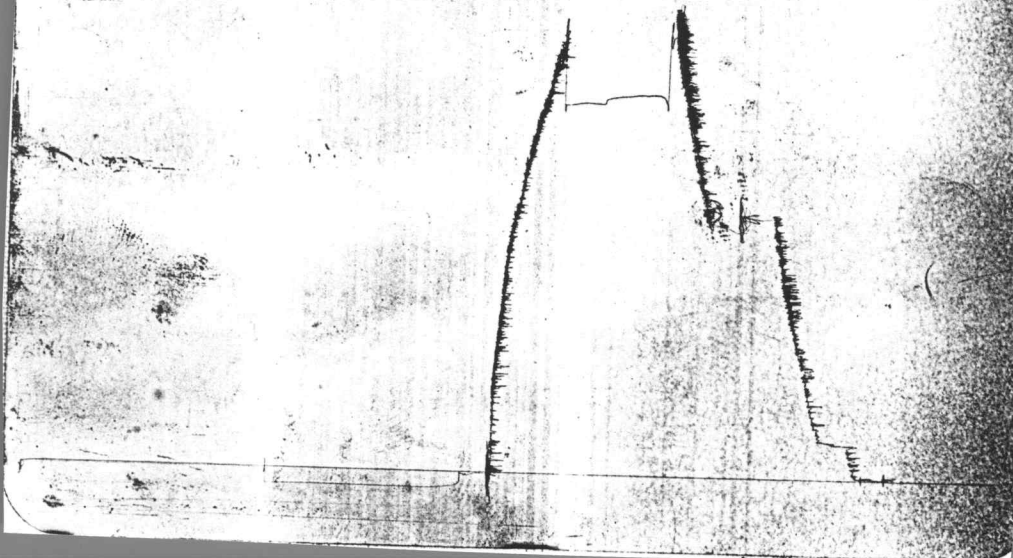
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KT 12952

Below Straddle



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	4-10-88	TICKET	:	12952
CUSTOMER	:	ENERGY EXPLORATION INC.	LEASE	:	KERKHOFF
WELL	:	#1 TEST: 8	GEOLOGIST	:	K. HOWARD
ELEVATION	:	2742 KB	FORMATION	:	L- KC -K
SECTION	:	16	TOWNSHIP	:	16S
RANGE	:	29W	STATE	:	KANSAS
GAUGE SN#	:	6233	CLOCK	:	12
		COUNTY :	LANE		
		RANGE :	4000		

INTERVAL FROM	:	4118	TO	:	4147	TOTAL DEPTH	:	4509
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	4113	SIZE	:	6.75			
PACKER DEPTH	:	4118	SIZE	:	6.75			
PACKER DEPTH	:	4147	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ABERCROMBIE	RIG 1		
MUD TYPE	:	CHEMICAL	VISCOSITY	:	47
WEIGHT	:	9.4	WATER LOSS (CC)	:	10.8
CHLORIDES (PPM)	:	7000			
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	:	4097	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	21	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	29	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 IN WATER INCREASING TO
DEPTH OF 4 1/2".

BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW IN WATER-1" DEEP.

BLOW COMMENT #3 :

BLOW COMMENT #4 :

RECOVERED : 105 FT OF: SLIGHTLY GAS CUT MUD / WITH SCUM OF OIL
(OIL LESS THAN 1%)

CHLORIDES: 7000 PPM

Total Barrels Fluid = 1.47
Total Fluid Prod Rate = 20.20 BFPD
Indicated Oil Rate = 0.19 BOPD
Indicated Wtr Rate = 1.92 BWPD

REMARK 1 : INITIAL SHUT-IN FALSE:
REMARK 2 : HAD A HYDROSTATIC LEAK.
REMARK 3 : RECOVERED 315 FEET OF GAS ABOVE FLUID.
REMARK 4 : THERE WAS A SCUM OF OIL ON TOP OF TOOL.

SET PACKER(S) : 2:30 PM

TIME STARTED OFF BOTTOM : 5:20 PM

WELL TEMPERATURE : 118

INITIAL HYDROSTATIC PRESSURE

(A) 2112

INITIAL FLOW PERIOD MIN: 15

(B) 40

PSI TO (C) : 43

INITIAL CLOSED IN PERIOD MIN: 36

(D) 1165

FINAL FLOW PERIOD MIN: 90

(E) 63

PSI TO (F) : 69

FINAL CLOSED IN PERIOD MIN: 30

(G) 624

FINAL HYDROSTATIC PRESSURE

(H) 2109

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : ENERGY EXPLORATION INC.
RIG : LANE-KANSAS
FIELD : KERKHOFF
WELL : #1
DATE : 4-10-88
GAUGE NO : 6233

OPERATIONAL COMMENTS

INITIAL SHUT-IN FALSE:
HAD A HYDROSTATIC LEAK.
RECOVERED 315 FEET OF GAS ABOVE FLUID.
THERE WAS A SCUM OF OIL ON TOP OF TOOL.

COMPANY : ENERGY EXPLORATION INC.
WELL : #1
GAUGE # : 6233
DATE : 10/ 4/88

FIELD : KERKHOFF
JOB # : 12952
DEPTH : 4509
TEST : INITIAL SHUT-IN FALSE:

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	2:30: 0	0.000	40.000	118.00	0.000
2	2:34:59	0.083	41.000	118.00	1.000
3	2:40: 0	0.167	42.000	118.00	1.000
4	2:45: 0	0.250	43.000	118.00	1.000
5	2:48: 0	0.300	438.000	118.00	395.000
6	2:51: 0	0.350	1402.000	118.00	964.000
7	2:54: 0	0.400	1512.000	118.00	110.000
8	2:57: 0	0.450	1484.000	118.00	-28.000
9	3: 0: 0	0.500	1356.000	118.00	-128.000
10	3: 3: 0	0.550	1273.000	118.00	-83.000
11	3: 6: 0	0.600	1240.000	118.00	-33.000
12	3: 9: 0	0.650	1241.000	118.00	1.000
13	3:12: 0	0.700	1307.000	118.00	66.000
14	3:15: 0	0.750	1227.000	118.00	-80.000
15	3:18: 0	0.800	1204.000	118.00	-23.000
16	3:21: 0	0.850	1165.000	118.00	-39.000
17	3:22: 0	0.867	63.000	118.00	-1102.000
18	3:25:59	0.933	63.000	118.00	0.000
19	3:31: 0	1.017	65.000	118.00	2.000
20	3:36: 0	1.100	66.000	118.00	1.000
21	3:40:59	1.183	66.000	118.00	0.000
22	3:46: 0	1.267	66.000	118.00	0.000
23	3:51: 0	1.350	66.000	118.00	0.000
24	3:55:59	1.433	66.000	118.00	0.000
25	4: 1: 0	1.517	66.000	118.00	0.000
26	4: 6: 0	1.600	66.000	118.00	0.000
27	4:10:59	1.683	66.000	118.00	0.000
28	4:16: 0	1.767	67.000	118.00	1.000
29	4:21: 0	1.850	68.000	118.00	1.000
30	4:25:59	1.933	68.000	118.00	0.000
31	4:31: 0	2.017	68.000	118.00	0.000
32	4:36: 0	2.100	69.000	118.00	1.000
33	4:40:59	2.183	69.000	118.00	0.000
34	4:46: 0	2.267	69.000	118.00	0.000
35	4:51: 0	2.350	69.000	118.00	0.000
36	4:53:59	2.400	279.000	118.00	210.000
37	4:56:59	2.450	430.000	118.00	151.000
38	5: 0: 0	2.500	501.000	118.00	71.000
39	5: 3: 0	2.550	537.000	118.00	36.000
40	5: 6: 0	2.600	561.000	118.00	24.000
41	5: 8:59	2.650	578.000	118.00	17.000
42	5:11:59	2.700	590.000	118.00	12.000
43	5:15: 0	2.750	603.000	118.00	13.000
44	5:18: 0	2.800	614.000	118.00	11.000
45	5:21: 0	2.850	624.000	118.00	10.000

WESTERN TESTING CO. INC.