

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 1 DATE 2/7/88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-7-88 TICKET : 13882
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
WELL : #1 TEST: 1 LEASE : NAITIER "A"
ELEVATION : 1429 GL GEOLOGIST : S. DAVIS
SECTION : 21 FORMATION : MISSISSIPPI
RANGE : 3W COUNTY : HARVEY TOWNSHIP : 22S
GAUGE SN# : 13549 RANGE : 4100 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3198 TO : 3218 TOTAL DEPTH : 3218
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3193 SIZE : 6.63
PACKER DEPTH : 3198 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 42
WEIGHT : 9.5 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 2000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3148 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 20 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-BUILDING IN 1 1/2".
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW-BUILDING IN 1 ".
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: MUD / WITH TRACE OF OIL

Total Barrels Fluid = 0.15
Total Fluid Prod Rate = 2.36 BFPD
Indicated Wtr Rate = 0.24 BWPD

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

SET PACKER(S) : 10:40 AM
WELL TEMPERATURE : 108

TIME STARTED OFF BOTTOM : 2:10 PM

INITIAL HYDROSTATIC PRESSURE	(A)	1611	
INITIAL FLOW PERIOD MIN: 30	(B)	49	PSI TO (C) : 49
INITIAL CLOSED IN PERIOD MIN: 63	(D)	100	
FINAL FLOW PERIOD MIN: 60	(E)	54	PSI TO (F) : 54
FINAL CLOSED IN PERIOD MIN: 63	(G)	84	
FINAL HYDROSTATIC PRESSURE	(H)	1587	

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-7-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13882

GAUGE # : 13549

DEPTH : 3218

DATE : 7/ 2/88

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	10:40: 0	0.000	49.000	108.00	0.000
2	10:44:59	0.083	49.000	108.00	0.000
3	10:50: 0	0.167	49.000	108.00	0.000
4	10:55: 0	0.250	49.000	108.00	0.000
5	10:59:59	0.333	49.000	108.00	0.000
6	11: 5: 0	0.417	49.000	108.00	0.000
7	11:10: 0	0.500	49.000	108.00	0.000
8	11:13: 0	0.550	49.000	108.00	0.000
9	11:16: 0	0.600	50.000	108.00	1.000
10	11:19: 0	0.650	51.000	108.00	1.000
11	11:22: 0	0.700	54.000	108.00	3.000
12	11:25: 0	0.750	55.000	108.00	1.000
13	11:28: 0	0.800	57.000	108.00	2.000
14	11:31: 0	0.850	60.000	108.00	3.000
15	11:34: 0	0.900	62.000	108.00	2.000
16	11:37: 0	0.950	65.000	108.00	3.000
17	11:40: 0	1.000	67.000	108.00	2.000
18	11:43: 0	1.050	70.000	108.00	3.000
19	11:46: 0	1.100	73.000	108.00	3.000
20	11:49: 0	1.150	77.000	108.00	4.000
21	11:52: 0	1.200	78.000	108.00	1.000
22	11:55: 0	1.250	82.000	108.00	4.000
23	11:58: 0	1.300	85.000	108.00	3.000
24	12: 1: 0	1.350	89.000	108.00	4.000
25	12: 4: 0	1.400	92.000	108.00	3.000
26	12: 7: 0	1.450	95.000	108.00	3.000
27	12:10: 0	1.500	98.000	108.00	3.000
28	12:13: 0	1.550	100.000	108.00	2.000
29	12:14: 0	1.567	54.000	108.00	-46.000
30	12:17:59	1.633	54.000	108.00	0.000
31	12:23: 0	1.717	54.000	108.00	0.000
32	12:28: 0	1.800	54.000	108.00	0.000
33	12:32:59	1.883	54.000	108.00	0.000
34	12:38: 0	1.967	54.000	108.00	0.000
35	12:43: 0	2.050	54.000	108.00	0.000
36	12:47:59	2.133	54.000	108.00	0.000
37	12:53: 0	2.217	54.000	108.00	0.000
38	12:58: 0	2.300	54.000	108.00	0.000
39	13: 2:59	2.383	54.000	108.00	0.000
40	13: 8: 0	2.467	54.000	108.00	0.000
41	13:13: 0	2.550	54.000	108.00	0.000
42	13:16: 0	2.600	54.000	108.00	0.000
43	13:18:59	2.650	54.000	108.00	0.000
44	13:22: 0	2.700	55.000	108.00	1.000
45	13:25: 0	2.750	56.000	108.00	1.000
46	13:28: 0	2.800	57.000	108.00	1.000
47	13:31: 0	2.850	59.000	108.00	2.000
48	13:33:59	2.900	60.000	108.00	1.000
49	13:37: 0	2.950	61.000	108.00	1.000
50	13:40: 0	3.000	62.000	108.00	1.000
51	13:43: 0	3.050	63.000	108.00	1.000
52	13:46: 0	3.100	65.000	108.00	2.000

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13882

GAUGE # : 13549

DEPTH : 3218

DATE : 7/ 2/88

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	13:49: 0	3.150	67.000	108.00	2.000
54	13:51:59	3.200	69.000	108.00	2.000
55	13:55: 0	3.250	70.000	108.00	1.000
56	13:58: 0	3.300	72.000	108.00	2.000
57	14: 1: 0	3.350	74.000	108.00	2.000
58	14: 4: 0	3.400	76.000	108.00	2.000
59	14: 6:59	3.450	78.000	108.00	2.000
60	14:10: 0	3.500	80.000	108.00	2.000
61	14:13: 0	3.550	82.000	108.00	2.000
62	14:16: 0	3.600	84.000	108.00	2.000

WESTERN TESTING CO. INC.

HA 13882

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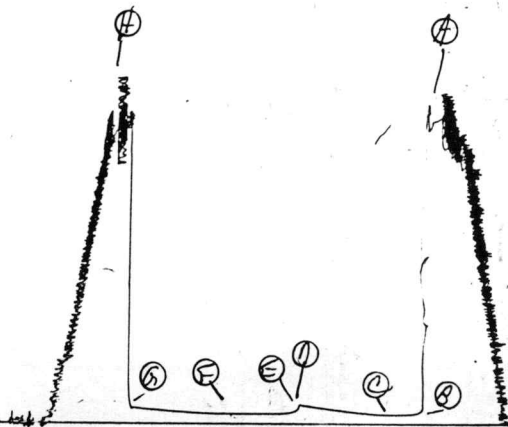


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OST 1 13549

FORMATION TEST REPORT



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COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 2 DATE 2/7/88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-7-88 TICKET : 13883
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
WELL : #1 TEST: 2 LEASE : NATTIER "A"
ELEVATION : 1429 GL GEOLOGIST : S. DAVIS
SECTION : 21 FORMATION : OSAGE
RANGE : 3W COUNTY : HARVEY TOWNSHIP : 22S
GAUGE SN# : 13549 RANGE : 4100 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3228 TO : 3236 TOTAL DEPTH : 3236
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3223 SIZE : 6.63
PACKER DEPTH : 3228 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 42
WEIGHT : 9.5 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 2000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3178 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
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-WEAK BLOW-OFF BOTTOM OF BUCKET IN 45 MINUTE

BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW-OFF BOTTOM OF BUCKET 1 MINUTE.

BLOW COMMENT #3 :

BLOW COMMENT #4 :

RECOVERED : 60 FT OF: SLIGHTLY GAS CUT WATERY MUD
45% WATER-55% MUD
CHLORIDES: 34000 PPM

Total Barrels Fluid = 0.57
Total Fluid Prod Rate = 6.82 BFPD
Indicated Wtr Rate = 3.41 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 1440 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	11:00 PM	TIME STARTED OFF BOTTOM :	3:00 AM
WELL TEMPERATURE :	110		
INITIAL HYDROSTATIC PRESSURE		(A)	1691
INITIAL FLOW PERIOD MIN:	60	(B)	39 PSI TO (C) : 42
INITIAL CLOSED IN PERIOD MIN:	66	(D)	756
FINAL FLOW PERIOD MIN:	60	(E)	53 PSI TO (F) : 53
FINAL CLOSED IN PERIOD MIN:	63	(G)	760
FINAL HYDROSTATIC PRESSURE		(H)	1650

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-7-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

RECOVERED 1440 FEET OF GAS ABOVE FLUID.

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13883

GAUGE # : 13549

DEPTH : 3236

DATE : 7/ 2/88

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	11: 0: 0	0.000	39.000	110.00	0.000
2	11: 4: 59	0.083	39.000	110.00	0.000
3	11:10: 0	0.167	39.000	110.00	0.000
4	11:15: 0	0.250	39.000	110.00	0.000
5	11:19:59	0.333	39.000	110.00	0.000
6	11:25: 0	0.417	39.000	110.00	0.000
7	11:30: 0	0.500	39.000	110.00	0.000
8	11:34:59	0.583	39.000	110.00	0.000
9	11:40: 0	0.667	40.000	110.00	1.000
10	11:45: 0	0.750	40.000	110.00	0.000
11	11:49:59	0.833	41.000	110.00	1.000
12	11:55: 0	0.917	42.000	110.00	1.000
13	12: 0: 0	1.000	42.000	110.00	0.000
14	12: 2: 59	1.050	44.000	110.00	2.000
15	12: 6: 0	1.100	60.000	110.00	16.000
16	12: 9: 0	1.150	106.000	110.00	46.000
17	12:12: 0	1.200	167.000	110.00	61.000
18	12:15: 0	1.250	229.000	110.00	62.000
19	12:18: 0	1.300	300.000	110.00	71.000
20	12:21: 0	1.350	360.000	110.00	60.000
21	12:24: 0	1.400	420.000	110.00	60.000
22	12:27: 0	1.450	468.000	110.00	48.000
23	12:30: 0	1.500	510.000	110.00	42.000
24	12:33: 0	1.550	552.000	110.00	42.000
25	12:36: 0	1.600	586.000	110.00	34.000
26	12:39: 0	1.650	615.000	110.00	29.000
27	12:42: 0	1.700	638.000	110.00	23.000
28	12:45: 0	1.750	662.000	110.00	24.000
29	12:48: 0	1.800	679.000	110.00	17.000
30	12:51: 0	1.850	699.000	110.00	20.000
31	12:54: 0	1.900	714.000	110.00	15.000
32	12:57: 0	1.950	726.000	110.00	12.000
33	13: 0: 0	2.000	739.000	110.00	13.000
34	13: 3: 0	2.050	750.000	110.00	11.000
35	13: 5: 59	2.100	756.000	110.00	6.000
36	13: 7: 0	2.117	53.000	110.00	-703.000
37	13:10:59	2.183	53.000	110.00	0.000
38	13:16: 0	2.267	53.000	110.00	0.000
39	13:21: 0	2.350	53.000	110.00	0.000
40	13:25:59	2.433	53.000	110.00	0.000
41	13:31: 0	2.517	53.000	110.00	0.000
42	13:36: 0	2.600	53.000	110.00	0.000
43	13:40:59	2.683	53.000	110.00	0.000
44	13:46: 0	2.767	53.000	110.00	0.000
45	13:51: 0	2.850	53.000	110.00	0.000
46	13:55:59	2.933	53.000	110.00	0.000
47	14: 1: 0	3.017	53.000	110.00	0.000
48	14: 6: 0	3.100	53.000	110.00	0.000
49	14: 8: 59	3.150	84.000	110.00	31.000
50	14:11:59	3.200	157.000	110.00	73.000
51	14:15: 0	3.250	219.000	110.00	62.000
52	14:18: 0	3.300	290.000	110.00	71.000

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

WELL : #1
GAUGE # : 13549
DATE : 7/ 2/88

FIELD : NATTIER "A"
JOB # : 13883
DEPTH : 3236
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	14:21: 0	3.350	359.000	110.00	69.000
54	14:23:59	3.400	412.000	110.00	53.000
55	14:26:59	3.450	465.000	110.00	53.000
56	14:30: 0	3.500	509.000	110.00	44.000
57	14:33: 0	3.550	546.000	110.00	37.000
58	14:36: 0	3.600	574.000	110.00	28.000
59	14:38:59	3.650	602.000	110.00	28.000
60	14:41:59	3.700	630.000	110.00	28.000
61	14:45: 0	3.750	653.000	110.00	23.000
62	14:48: 0	3.800	669.000	110.00	16.000
63	14:51: 0	3.850	690.000	110.00	21.000
64	14:53:59	3.900	705.000	110.00	15.000
65	14:56:59	3.950	721.000	110.00	16.000
66	15: 0: 0	4.000	733.000	110.00	12.000
67	15: 2:59	4.050	745.000	110.00	12.000
68	15: 6: 0	4.100	754.000	110.00	9.000
69	15: 8:59	4.150	760.000	110.00	6.000

WESTERN TESTING CO. INC.

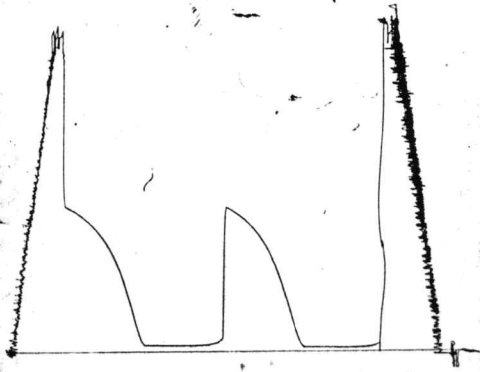
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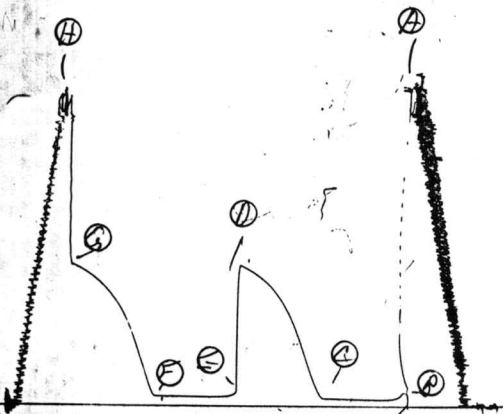


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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 3 DATE 2/9/88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-9-88 TICKET : 13884
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
WELL : #1 TEST: 3 LEASE : NATTIER "A"
ELEVATION : 1429 GL GEOLOGIST : S. DAVIS
SECTION : 21 FORMATION : HUNTON
RANGE : 3W COUNTY : HARVEY TOWNSHIP : 22S
GAUGE SN# : 13549 RANGE : 4100 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3550 TO : 3562 TOTAL DEPTH : 3562
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3545 SIZE : 6.63
PACKER DEPTH : 3550 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 42
WEIGHT : 9.5 WATER LOSS (CC) : 8.8
CHLORIDES (PPM) : 2800
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3500 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 12 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-BUILDING TO 1 INCH-SLOWLY
DECREASING-DIED IN 40 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: MUD / WITH TRACE OF OIL

Total Barrels Fluid = 0.15
Total Fluid Prod Rate = 2.36 BFPD
Indicated Wtr Rate = 0.24 BWPD

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

SET PACKER(S) : 12:10 PM

TIME STARTED OFF BOTTOM : 3:10 PM

WELL TEMPERATURE : 112

INITIAL HYDROSTATIC PRESSURE

(A) 1834

INITIAL FLOW PERIOD MIN: 45

(B) 7 PSI TO (C) : 14

INITIAL CLOSED IN PERIOD MIN: 45

(D) 816

FINAL FLOW PERIOD MIN: 45

(E) 38 PSI TO (F) : 38

FINAL CLOSED IN PERIOD MIN: 48

(G) 253

FINAL HYDROSTATIC PRESSURE

(H) 1804

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-9-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13884

GAUGE # : 13549

DEPTH : 3562

DATE : 9/ 2/88

TEST :

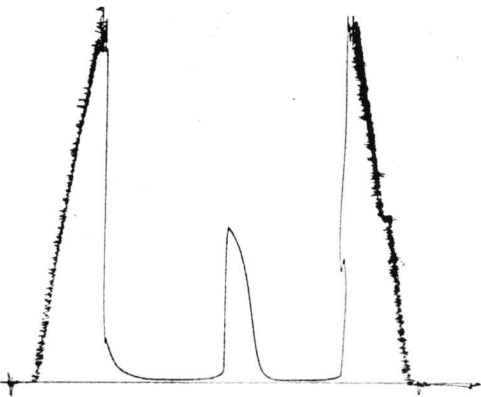
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	12:10: 0	0.000	7.000	112.00	0.000
2	12:14:59	0.083	12.000	112.00	5.000
3	12:20: 0	0.167	12.000	112.00	0.000
4	12:25: 0	0.250	13.000	112.00	1.000
5	12:29:59	0.333	13.000	112.00	0.000
6	12:35: 0	0.417	13.000	112.00	0.000
7	12:40: 0	0.500	14.000	112.00	1.000
8	12:44:59	0.583	14.000	112.00	0.000
9	12:50: 0	0.667	14.000	112.00	0.000
10	12:55: 0	0.750	14.000	112.00	0.000
11	12:58: 0	0.800	19.000	112.00	5.000
12	13: 1: 0	0.850	23.000	112.00	4.000
13	13: 4: 0	0.900	32.000	112.00	9.000
14	13: 7: 0	0.950	44.000	112.00	12.000
15	13:10: 0	1.000	70.000	112.00	26.000
16	13:13: 0	1.050	123.000	112.00	53.000
17	13:16: 0	1.100	231.000	112.00	108.000
18	13:19: 0	1.150	365.000	112.00	134.000
19	13:22: 0	1.200	500.000	112.00	135.000
20	13:25: 0	1.250	594.000	112.00	94.000
21	13:28: 0	1.300	671.000	112.00	77.000
22	13:31: 0	1.350	731.000	112.00	60.000
23	13:34: 0	1.400	769.000	112.00	38.000
24	13:37: 0	1.450	799.000	112.00	30.000
25	13:40: 0	1.500	816.000	112.00	17.000
26	13:41: 0	1.517	38.000	112.00	-778.000
27	13:44:59	1.583	38.000	112.00	0.000
28	13:50: 0	1.667	38.000	112.00	0.000
29	13:55: 0	1.750	38.000	112.00	0.000
30	13:59:59	1.833	38.000	112.00	0.000
31	14: 5: 0	1.917	38.000	112.00	0.000
32	14:10: 0	2.000	38.000	112.00	0.000
33	14:14:59	2.083	38.000	112.00	0.000
34	14:20: 0	2.167	38.000	112.00	0.000
35	14:25: 0	2.250	38.000	112.00	0.000
36	14:28: 0	2.300	38.000	112.00	0.000
37	14:31: 0	2.350	38.000	112.00	0.000
38	14:34: 0	2.400	39.000	112.00	1.000
39	14:37: 0	2.450	41.000	112.00	2.000
40	14:40: 0	2.500	44.000	112.00	3.000
41	14:43: 0	2.550	47.000	112.00	3.000
42	14:46: 0	2.600	51.000	112.00	4.000
43	14:49: 0	2.650	58.000	112.00	7.000
44	14:52: 0	2.700	66.000	112.00	8.000
45	14:55: 0	2.750	72.000	112.00	6.000
46	14:58: 0	2.800	80.000	112.00	8.000
47	15: 1: 0	2.850	93.000	112.00	13.000
48	15: 4: 0	2.900	115.000	112.00	22.000
49	15: 7: 0	2.950	150.000	112.00	35.000
50	15:10: 0	3.000	206.000	112.00	56.000
51	15:13: 0	3.050	253.000	112.00	47.000

WESTERN TESTING CO. INC.

HK 13884

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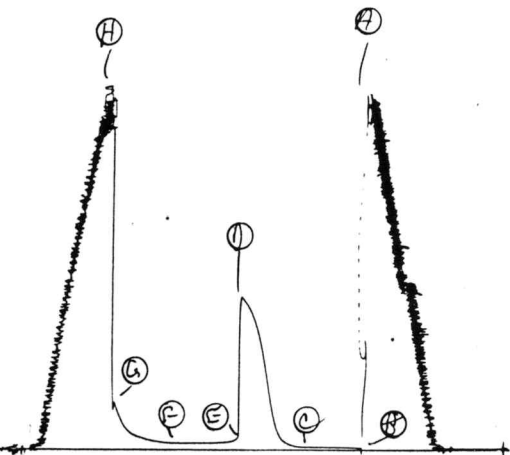
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 4 DATE 2-9-88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-9-88 TICKET : 13885
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
WELL : #1 TEST: 4 LEASE : NATTIER "A"
ELEVATION : 1429 GL GEOLOGIST : S. DAVIS
SECTION : 21 FORMATION : HUNTON
RANGE : 3W COUNTY : HARVEY TOWNSHIP : 22S
GAUGE SN# : 13549 RANGE : 4100 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3556 TO : 3568 TOTAL DEPTH : 3568
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3551 SIZE : 6.63
PACKER DEPTH : 3556 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 42
WEIGHT : 9.5 WATER LOSS (CC) : 8.8
CHLORIDES (PPM) : 2800
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3506 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 12 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 9 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUD / WITH VERY SLIGHT TRACE OF OIL

Total Barrels Fluid = 0.05
Total Fluid Prod Rate = 1.18 BFPD
Indicated Wtr Rate = 0.12 BWPD

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

SET PACKER(S) : 1:20 AM

TIME STARTED OFF BOTTOM : 3:20 AM

WELL TEMPERATURE : 112

INITIAL HYDROSTATIC PRESSURE

(A) 1844

INITIAL FLOW PERIOD MIN: 30

(B) 27 PSI TO (C) : 27

INITIAL CLOSED IN PERIOD MIN: 30

(D) 954

FINAL FLOW PERIOD MIN: 30

(E) 40 PSI TO (F) : 40

FINAL CLOSED IN PERIOD MIN: 30

(G) 875

FINAL HYDROSTATIC PRESSURE

(H) 1813

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-9-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13885

GAUGE # : 13549

DEPTH : 3568

DATE : 9/ 2/88

TEST :

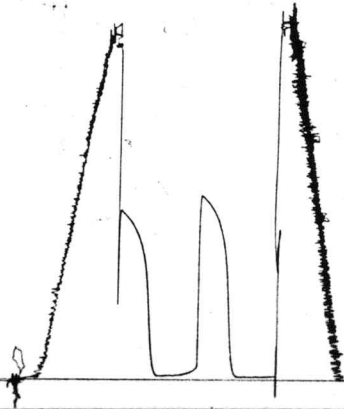
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	1:20: 0	0.000	27.000	112.00	0.000
2	1:24:59	0.083	27.000	112.00	0.000
3	1:30: 0	0.167	27.000	112.00	0.000
4	1:35: 0	0.250	27.000	112.00	0.000
5	1:39:59	0.333	27.000	112.00	0.000
6	1:45: 0	0.417	27.000	112.00	0.000
7	1:50: 0	0.500	27.000	112.00	0.000
8	1:53: 0	0.550	46.000	112.00	19.000
9	1:56: 0	0.600	204.000	112.00	158.000
10	1:59: 0	0.650	508.000	112.00	304.000
11	2: 2: 0	0.700	694.000	112.00	186.000
12	2: 5: 0	0.750	787.000	112.00	93.000
13	2: 8: 0	0.800	848.000	112.00	61.000
14	2:11: 0	0.850	884.000	112.00	36.000
15	2:14: 0	0.900	911.000	112.00	27.000
16	2:17: 0	0.950	934.000	112.00	23.000
17	2:20: 0	1.000	954.000	112.00	20.000
18	2:21: 0	1.017	40.000	112.00	-914.000
19	2:24:59	1.083	40.000	112.00	0.000
20	2:30: 0	1.167	40.000	112.00	0.000
21	2:35: 0	1.250	40.000	112.00	0.000
22	2:39:59	1.333	40.000	112.00	0.000
23	2:45: 0	1.417	40.000	112.00	0.000
24	2:50: 0	1.500	40.000	112.00	0.000
25	2:53: 0	1.550	62.000	112.00	22.000
26	2:56: 0	1.600	222.000	112.00	160.000
27	2:59: 0	1.650	444.000	112.00	222.000
28	3: 2: 0	1.700	626.000	112.00	182.000
29	3: 5: 0	1.750	711.000	112.00	85.000
30	3: 8: 0	1.800	763.000	112.00	52.000
31	3:11: 0	1.850	801.000	112.00	38.000
32	3:14: 0	1.900	831.000	112.00	30.000
33	3:17: 0	1.950	855.000	112.00	24.000
34	3:20: 0	2.000	875.000	112.00	20.000

WESTERN TESTING CO. INC.

HT 13885

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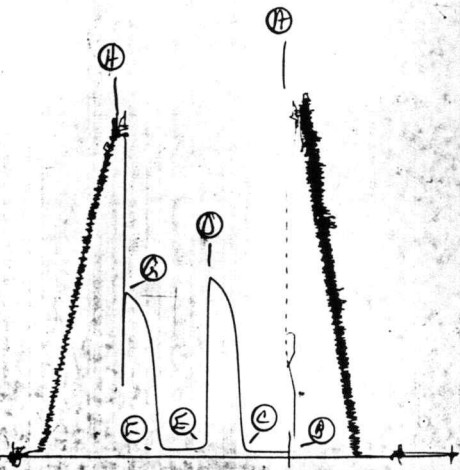


Dist # 4 13853

TK4 13885

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057 # 4 13879

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 5 DATE 2-10-88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-10-88 TICKET : 13886
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
LEASE : NATTIER "A"
WELL : #1 TEST: 5 GEOLOGIST : S. DAVIS
ELEVATION : 1429 GL FORMATION : SIMPSON
SECTION : 21 TOWNSHIP : 22S
RANGE : 3W COUNTY : HARVEY STATE : KANSAS
GAUGE SN# : 13549 RANGE : 4100 CLOCK : 12

INTERVAL FROM : 3678 TO : 3707 TOTAL DEPTH : 3707
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3673 SIZE : 6.63
PACKER DEPTH : 3678 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 41
WEIGHT : 9.2 WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 2800
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3628 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 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 LFOW-WEAK BLOW-BUILDING IN 1 1/2 INCHES.
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 25 FT OF: MUD / WITH TRACE OF OIL

Total Barrels Fluid = 0.12
Total Fluid Prod Rate = 2.95 BFPD
Indicated Wtr Rate = 0.30 BWPD

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

SET PACKER(S) : 3:15 AM

TIME STARTED OFF BOTTOM : 6:15 AM

WELL TEMPERATURE : 114

INITIAL HYDROSTATIC PRESSURE

(A) 1882

INITIAL FLOW PERIOD MIN: 30

(B) 55 PSI TO (C) : 55

INITIAL CLOSED IN PERIOD MIN: 66

(D) 1093

FINAL FLOW PERIOD MIN: 30

(E) 63 PSI TO (F) : 59

FINAL CLOSED IN PERIOD MIN: 63

(G) 1007

FINAL HYDROSTATIC PRESSURE

(H) 1872

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-10-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

SLT PLUGGING FINAL FLOW

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13886

GAUGE # : 13549

DEPTH : 3707

DATE : 10/ 2/88

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	3:15: 0	0.000	55.000	114.00	0.000
2	3:19:59	0.083	55.000	114.00	0.000
3	3:25: 0	0.167	55.000	114.00	0.000
4	3:30: 0	0.250	55.000	114.00	0.000
5	3:34:59	0.333	55.000	114.00	0.000
6	3:40: 0	0.417	55.000	114.00	0.000
7	3:45: 0	0.500	55.000	114.00	0.000
8	3:48: 0	0.550	81.000	114.00	26.000
9	3:51: 0	0.600	173.000	114.00	92.000
10	3:54: 0	0.650	287.000	114.00	114.000
11	3:57: 0	0.700	424.000	114.00	137.000
12	4: 0: 0	0.750	545.000	114.00	121.000
13	4: 3: 0	0.800	659.000	114.00	114.000
14	4: 6: 0	0.850	744.000	114.00	85.000
15	4: 9: 0	0.900	820.000	114.00	76.000
16	4:12: 0	0.950	873.000	114.00	53.000
17	4:15: 0	1.000	917.000	114.00	44.000
18	4:18: 0	1.050	954.000	114.00	37.000
19	4:21: 0	1.100	981.000	114.00	27.000
20	4:24: 0	1.150	1003.000	114.00	22.000
21	4:27: 0	1.200	1019.000	114.00	16.000
22	4:30: 0	1.250	1034.000	114.00	15.000
23	4:33: 0	1.300	1045.000	114.00	11.000
24	4:36: 0	1.350	1055.000	114.00	10.000
25	4:39: 0	1.400	1065.000	114.00	10.000
26	4:42: 0	1.450	1074.000	114.00	9.000
27	4:45: 0	1.500	1082.000	114.00	8.000
28	4:48: 0	1.550	1088.000	114.00	6.000
29	4:51: 0	1.600	1093.000	114.00	5.000
30	4:52: 0	1.617	63.000	114.00	-1030.000
31	4:55:59	1.683	63.000	114.00	0.000
32	5: 1: 0	1.767	63.000	114.00	0.000
33	5: 6: 0	1.850	75.000	114.00	12.000
34	5:10:59	1.933	69.000	114.00	-6.000
35	5:16: 0	2.017	63.000	114.00	-6.000
36	5:21: 0	2.100	59.000	114.00	-4.000
37	5:23:59	2.150	65.000	114.00	6.000
38	5:26:59	2.200	127.000	114.00	62.000
39	5:30: 0	2.250	238.000	114.00	111.000
40	5:33: 0	2.300	372.000	114.00	134.000
41	5:36: 0	2.350	494.000	114.00	122.000
42	5:38:59	2.400	588.000	114.00	94.000
43	5:41:59	2.450	665.000	114.00	77.000
44	5:45: 0	2.500	735.000	114.00	70.000
45	5:48: 0	2.550	786.000	114.00	51.000
46	5:51: 0	2.600	828.000	114.00	42.000
47	5:53:59	2.650	863.000	114.00	35.000
48	5:56:59	2.700	890.000	114.00	27.000
49	6: 0: 0	2.750	912.000	114.00	22.000
50	6: 3: 0	2.800	932.000	114.00	20.000
51	6: 6: 0	2.850	947.000	114.00	15.000
52	6: 8:59	2.900	962.000	114.00	15.000

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13886

GAUGE # : 13549

DEPTH : 3707

DATE : 10/ 2/88

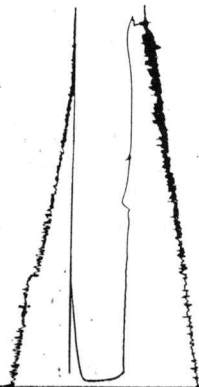
TEST : SLT PLUGGING FINAL FLOW

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P P1-P(1-1)
53	6:11:59	2.950	974.000	114.00	12.000
54	6:15: 0	3.000	983.000	114.00	9.000
55	6:18: 0	3.050	993.000	114.00	10.000
56	6:21: 0	3.100	1000.000	114.00	7.000
57	6:23:59	3.150	1007.000	114.00	7.000

WESTERN TESTING CO. INC.

TR-13886

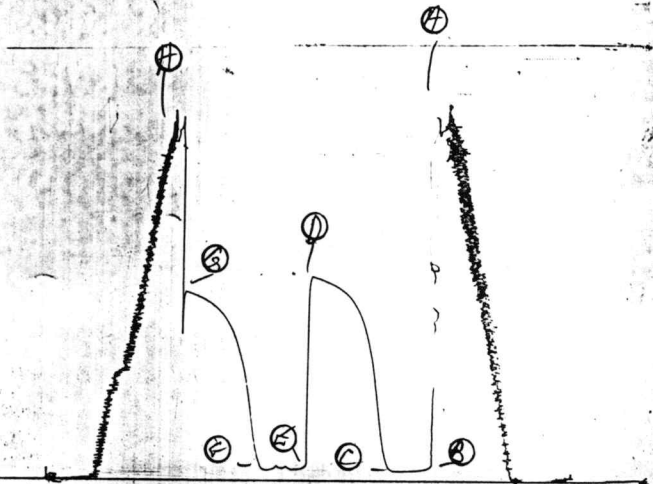
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RT 13886

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RT 13886

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 6 DATE 2-11-88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-11-88 TICKET : 13887
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
WELL : #1 TEST: 6 LEASE : NATTIER "A"
ELEVATION : 1429 GL GEOLOGIST : S. DAVIS
SECTION : 21 FORMATION : SIMPSON
RANGE : 3W COUNTY : HARVEY TOWNSHIP : 22S
GAUGE SN# : 13549 RANGE : 4100 STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3682 TO : 3718 TOTAL DEPTH : 3718
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3677 SIZE : 6.63
PACKER DEPTH : 3682 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 45
WEIGHT : 9.3+ WATER LOSS (CC) : 10.4
CHLORIDES (PPM) : 3000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3632 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 36 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-BUILDING IN 1 INCH.
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 20 FT OF: MUD / WITH SPOTS OF OIL ON TOP OF TOOL

Total Barrels Fluid = 0.10
Total Fluid Prod Rate = 2.36 BFPD
Indicated Wtr Rate = 0.24 BWPD

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

SET PACKER(S) : 7:25 PM

TIME STARTED OFF BOTTOM : 9:55 PM

WELL TEMPERATURE : 114

INITIAL HYDROSTATIC PRESSURE

(A) 1919

INITIAL FLOW PERIOD MIN: 30

(B) 33 PSI TO (C) : 33

INITIAL CLOSED IN PERIOD MIN: 45

(D) 1061

FINAL FLOW PERIOD MIN: 30

(E) 39 PSI TO (F) : 39

FINAL CLOSED IN PERIOD MIN: 45

(G) 959

FINAL HYDROSTATIC PRESSURE

(H) 1869

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-11-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13887

GAUGE # : 13549

DEPTH : 3718

DATE : 11/ 2/88

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7:25: 0	0.000	33.000	114.00	0.000
2	7:29:59	0.083	33.000	114.00	0.000
3	7:35: 0	0.167	33.000	114.00	0.000
4	7:40: 0	0.250	33.000	114.00	0.000
5	7:44:59	0.333	33.000	114.00	0.000
6	7:50: 0	0.417	33.000	114.00	0.000
7	7:55: 0	0.500	33.000	114.00	0.000
8	7:58: 0	0.550	91.000	114.00	58.000
9	8: 1: 0	0.600	269.000	114.00	178.000
10	8: 4: 0	0.650	496.000	114.00	227.000
11	8: 7: 0	0.700	678.000	114.00	182.000
12	8:10: 0	0.750	789.000	114.00	111.000
13	8:13: 0	0.800	859.000	114.00	70.000
14	8:16: 0	0.850	912.000	114.00	53.000
15	8:19: 0	0.900	948.000	114.00	36.000
16	8:22: 0	0.950	972.000	114.00	24.000
17	8:25: 0	1.000	996.000	114.00	24.000
18	8:28: 0	1.050	1014.000	114.00	18.000
19	8:31: 0	1.100	1027.000	114.00	13.000
20	8:34: 0	1.150	1040.000	114.00	13.000
21	8:37: 0	1.200	1051.000	114.00	11.000
22	8:40: 0	1.250	1061.000	114.00	10.000
23	8:41: 0	1.267	39.000	114.00	-1022.000
24	8:44:59	1.333	39.000	114.00	0.000
25	8:50: 0	1.417	39.000	114.00	0.000
26	8:55: 0	1.500	39.000	114.00	0.000
27	8:59:59	1.583	39.000	114.00	0.000
28	9: 5: 0	1.667	39.000	114.00	0.000
29	9:10: 0	1.750	39.000	114.00	0.000
30	9:13: 0	1.800	70.000	114.00	31.000
31	9:16: 0	1.850	213.000	114.00	143.000
32	9:19: 0	1.900	419.000	114.00	206.000
33	9:22: 0	1.950	559.000	114.00	140.000
34	9:25: 0	2.000	675.000	114.00	116.000
35	9:28: 0	2.050	753.000	114.00	78.000
36	9:31: 0	2.100	801.000	114.00	48.000
37	9:34: 0	2.150	839.000	114.00	38.000
38	9:37: 0	2.200	870.000	114.00	31.000
39	9:40: 0	2.250	898.000	114.00	28.000
40	9:43: 0	2.300	916.000	114.00	18.000
41	9:46: 0	2.350	930.000	114.00	14.000
42	9:49: 0	2.400	939.000	114.00	9.000
43	9:52: 0	2.450	950.000	114.00	11.000
44	9:55: 0	2.500	959.000	114.00	9.000

WESTERN TESTING CO. INC.

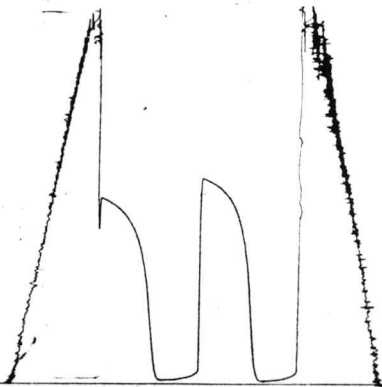
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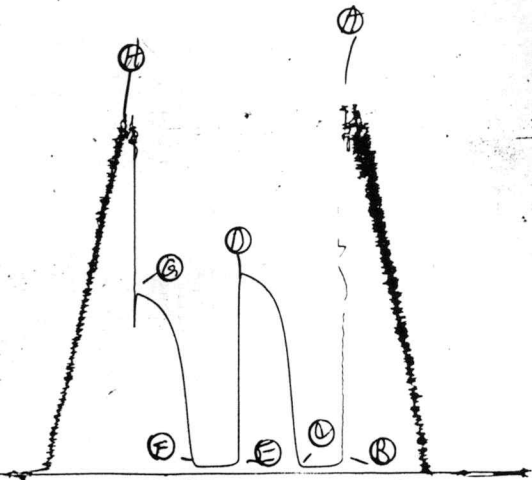
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Obt #6 13829

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY PRESLEY PETROLEUM dba SOURCE LEASE & WELL NO. NATTIER "A" #1 SEC. 21 TWP. 22S RGE. 3W TEST NO. 7 DATE 2-12-88
PETROLEUM

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 2-12-88 TICKET : 13888
CUSTOMER : PRESLEY PETROLEUM dba SOURCE PETROLEUM
LEASE : NATTIER "A"
WELL : #1 TEST: 7 GEOLOGIST : S. DAVIS
ELEVATION : 1429 GL FORMATION : SIMPSON
SECTION : 21 TOWNSHIP : 22S
RANGE : 3W COUNTY : HARVEY STATE : KANSAS
GAUGE SN# : 13549 RANGE : 4100 CLOCK : 12

INTERVAL FROM : 3692 TO : 3729 TOTAL DEPTH : 3729
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3687 SIZE : 6.63
PACKER DEPTH : 3692 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG 4
MUD TYPE : CHEMICAL VISCOSITY : 42
WEIGHT : 9.2 WATER LOSS (CC) : 11.4
CHLORIDES (PPM) : 3000
JARS-MAKE : - SERIAL NUMBER : -
DID WELL FLOW ? : - REVERSED OUT ? : -

DRILL COLLAR LENGTH : 30 FT I.D. inch : 2.25
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3642 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 37 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 5 MIN
BLOW COMMENT #2 : FINAL FLOW-WEAK TO FAIR BLOW-BUILDING TO 11 INCHES.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 420 FT OF: MUDDY WATER
30% MUD-70% WATER

CHLORIDES: 22000 PPM

Total Barrels Fluid = 5.62
Total Fluid Prod Rate = 107.86 BFPD
Indicated Wtr Rate = 53.93 BWPD

REMARK 1 :
REMARK 2 : TOOL SLID 15 FEET TO BOTTOM
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 7:25 PM

TIME STARTED OFF BOTTOM : 10:40 PM

WELL TEMPERATURE : 115

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

INITIAL CLOSED IN PERIOD MIN: 63

FINAL FLOW PERIOD MIN: 45

FINAL CLOSED IN PERIOD MIN: 63

FINAL HYDROSTATIC PRESSURE

(A) 1835

(B) 78

(D) 874

(E) 149

(G) 867

(H) 1833

PSI TO (C) : 109

PSI TO (F) : 204

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM
RIG : HARVEY-KANSAS
FIELD : NATTIER "A"
WELL : #1
DATE : 2-12-88
GAUGE NO : 13549

OPERATIONAL COMMENTS

TOOL SLID 15 FEET TO BOTTOM

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13888

GAUGE # : 13549

DEPTH : 3729

DATE : 12/ 2/88

TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	7:25: 0	0.000	78.000	115.00	0.000
2	7:29:59	0.083	78.000	115.00	0.000
3	7:35: 0	0.167	78.000	115.00	0.000
4	7:40: 0	0.250	83.000	115.00	5.000
5	7:44:59	0.333	93.000	115.00	10.000
6	7:50: 0	0.417	101.000	115.00	8.000
7	7:55: 0	0.500	109.000	115.00	8.000
8	7:58: 0	0.550	680.000	115.00	571.000
9	8: 1: 0	0.600	765.000	115.00	85.000
10	8: 4: 0	0.650	791.000	115.00	26.000
11	8: 7: 0	0.700	807.000	115.00	16.000
12	8:10: 0	0.750	821.000	115.00	14.000
13	8:13: 0	0.800	828.000	115.00	7.000
14	8:16: 0	0.850	836.000	115.00	8.000
15	8:19: 0	0.900	843.000	115.00	7.000
16	8:22: 0	0.950	848.000	115.00	5.000
17	8:25: 0	1.000	851.000	115.00	3.000
18	8:28: 0	1.050	856.000	115.00	5.000
19	8:31: 0	1.100	858.000	115.00	2.000
20	8:34: 0	1.150	860.000	115.00	2.000
21	8:37: 0	1.200	863.000	115.00	3.000
22	8:40: 0	1.250	866.000	115.00	3.000
23	8:43: 0	1.300	868.000	115.00	2.000
24	8:46: 0	1.350	870.000	115.00	2.000
25	8:49: 0	1.400	871.000	115.00	1.000
26	8:52: 0	1.450	872.000	115.00	1.000
27	8:55: 0	1.500	873.000	115.00	1.000
28	8:58: 0	1.550	874.000	115.00	1.000
29	8:59: 0	1.567	149.000	115.00	-725.000
30	9: 2:59	1.633	149.000	115.00	0.000
31	9: 8: 0	1.717	149.000	115.00	0.000
32	9:13: 0	1.800	154.000	115.00	5.000
33	9:17:59	1.883	160.000	115.00	6.000
34	9:23: 0	1.967	170.000	115.00	10.000
35	9:28: 0	2.050	179.000	115.00	9.000
36	9:32:59	2.133	187.000	115.00	8.000
37	9:38: 0	2.217	197.000	115.00	10.000
38	9:43: 0	2.300	204.000	115.00	7.000
39	9:46: 0	2.350	698.000	115.00	494.000
40	9:48:59	2.400	754.000	115.00	56.000
41	9:52: 0	2.450	782.000	115.00	28.000
42	9:55: 0	2.500	797.000	115.00	15.000
43	9:58: 0	2.550	809.000	115.00	12.000
44	10: 1: 0	2.600	817.000	115.00	8.000
45	10: 3:59	2.650	826.000	115.00	9.000
46	10: 7: 0	2.700	831.000	115.00	5.000
47	10:10: 0	2.750	838.000	115.00	7.000
48	10:13: 0	2.800	842.000	115.00	4.000
49	10:16: 0	2.850	845.000	115.00	3.000
50	10:19: 0	2.900	848.000	115.00	3.000
51	10:21:59	2.950	851.000	115.00	3.000
52	10:25: 0	3.000	854.000	115.00	3.000

COMPANY : PRESLEY PETROLEUM dba SOURCE PETROLEUM

FIELD : NATTIER "A"

WELL : #1

JOB # : 13888

GAUGE # : 13549

DEPTH : 3729

DATE : 12/ 2/88

TEST :

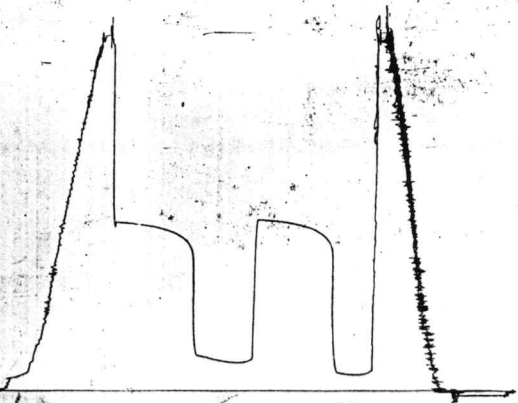
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	10:28: 0	3.050	857.000	115.00	3.000
54	10:31: 0	3.100	860.000	115.00	3.000
55	10:34: 0	3.150	863.000	115.00	3.000
56	10:36:59	3.200	864.000	115.00	1.000
57	10:40: 0	3.250	865.000	115.00	1.000
58	10:43: 0	3.300	866.000	115.00	1.000
59	10:46: 0	3.350	867.000	115.00	1.000

WESTERN TESTING CO. INC.

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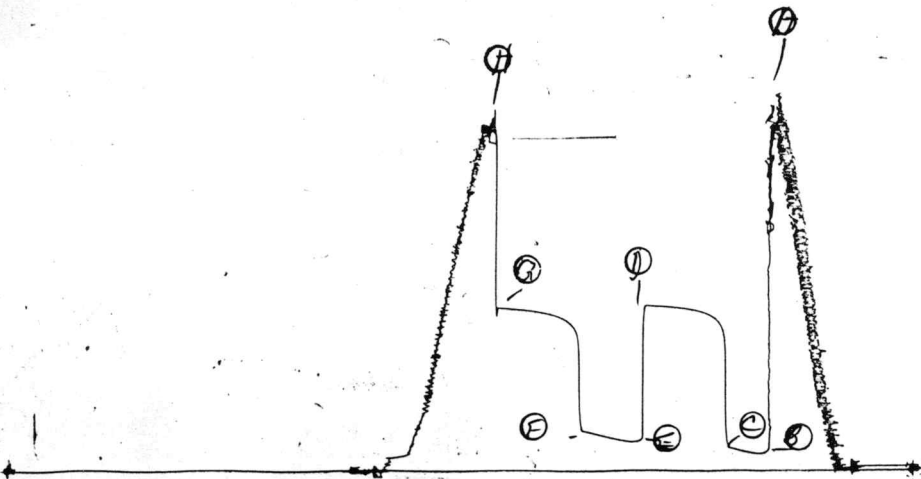


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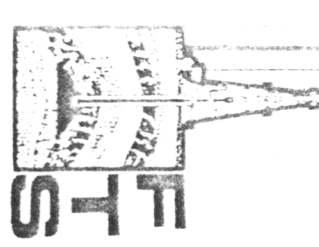
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Complete Field Service and Chart Evaluation

FORMATION TESTING SERVICES INC.

FORMATION TEST REPORT

PRESLEY PETROLEUM

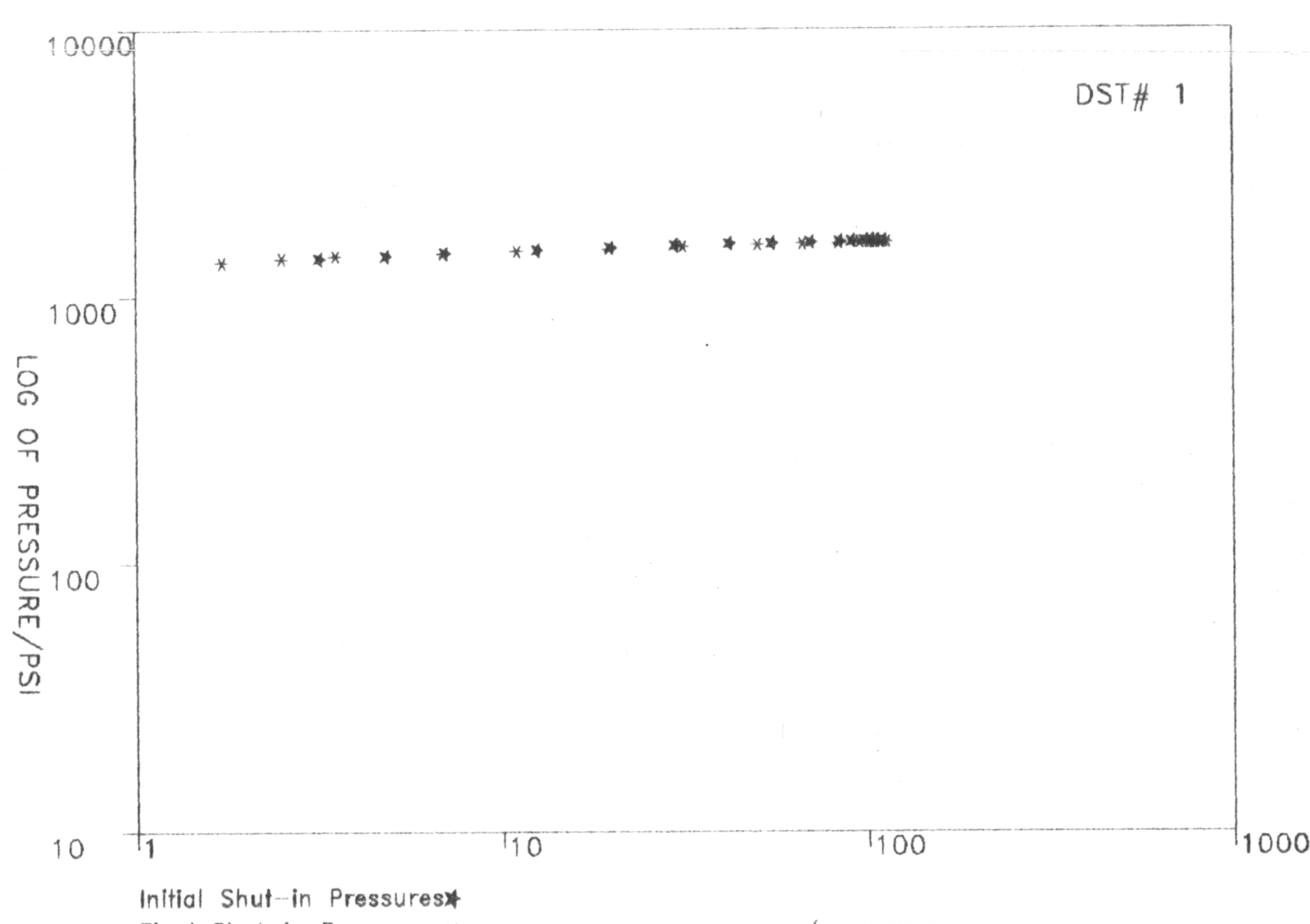
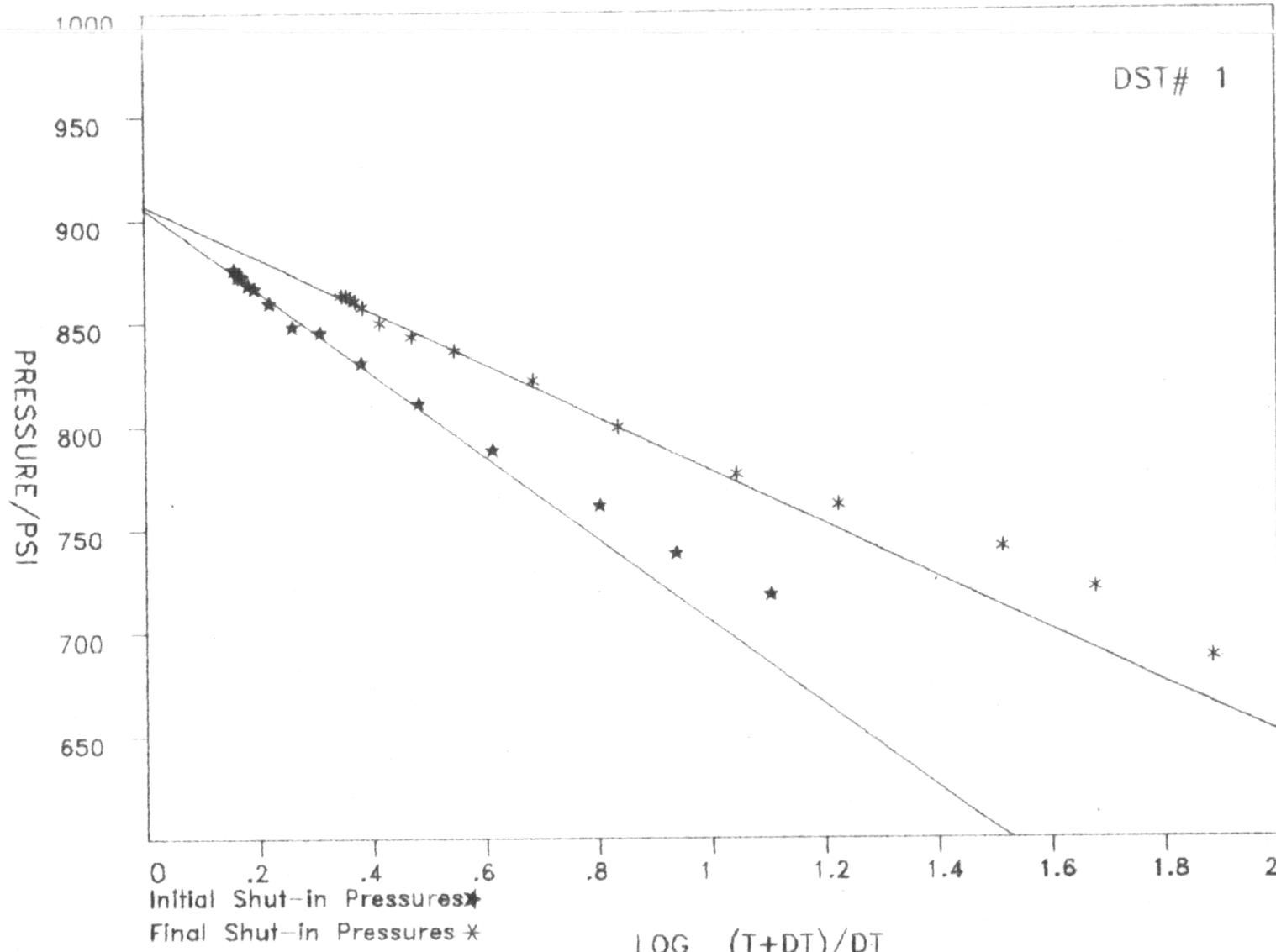
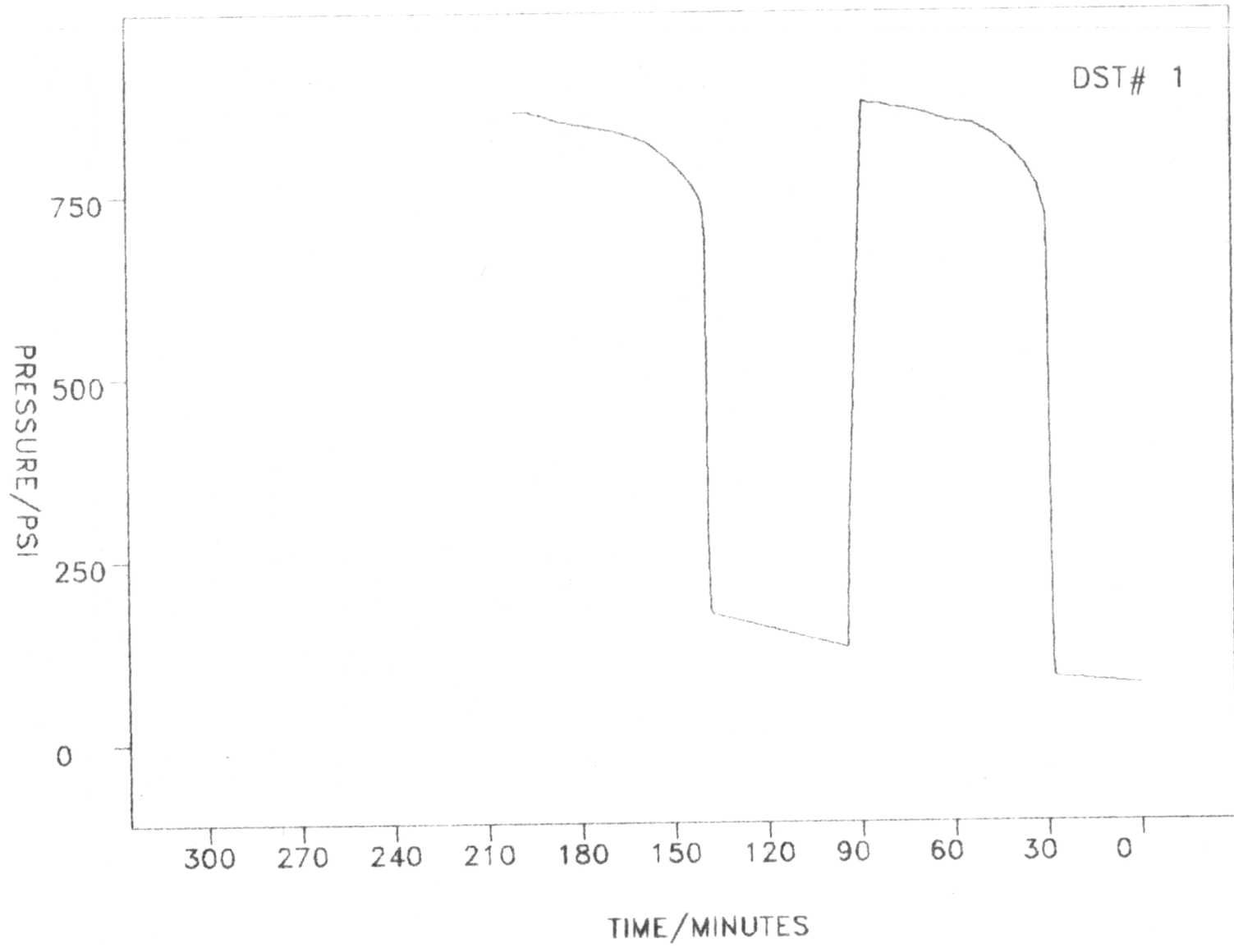
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P.O. Box 518
Hays, Kans. 67601

Hays (913) 628-1115

FORMATION TESTING SERVICES, INC. DRILL-STEM TEST REPORT

COMPANY- PRESLEY PETRO WELL- NATTIER A-1 COUNTY- HARVEY STATE- KANSAS				COMPANY- PRESLEY PETROLEUM WELL- NATTIER A-1 COUNTY- HARVEY STATE- KANSAS LOCATION- 150E C-SW-NW SEC: 21 TYP: 22S RGE: 3W			
PERMANENT DATUM: GL ELEVATIONS ELEV OF PERM DATUM: KB: 1434 DF: INTERVALS TESTED MEASURED FROM: KB GL:							
TOTAL DST: 1	D.S.T. #1	D.S.T. #	D.S.T. #	D.S.T. #			
DATE	2/12/88						
ZONE TESTED	SIMPSON						
INTERVAL	3692-3729						
ANCHOR LENGTH	37	FT	FT	FT			
INITIAL HYDRO.	1835	PSI	PSI	PSI			
INIT FLOW PRESS.	78-109	PSI	PSI	PSI			
INIT. SHUT-IN	874	PSI	PSI	PSI			
FINAL FLOW PRESS.	149-204	PSI	PSI	PSI			
FINAL SHUT-IN	867	PSI	PSI	PSI			
FINAL HYDRO.	1833	PSI	PSI	PSI			
TOTAL FLUID REC.	420	FT	FT	FT			
GAS	0	BBL	BBL	BBL			
OIL	.062	BBL	BBL	BBL			
WATER	4.284	BBL	BBL	BBL			
MUD	1.862	BBL	BBL	BBL			
TOTAL FLUID REC.	6.208	BBL	BBL	BBL			



DRILL STEM TEST INFORMATION

RECORDED INFORMATION

	DST #1	DST #	DST #	DST #
DATE TESTED	2/12/88			
ZONE TESTED	SIMPSON			
INTERVAL (FT)	3692-3729			
ANCHOR LENGTH (FT)	37			
INITIAL HYDRO. (PSI)	1835			
INIT. FLOW PRES. (PSI)	78-109			
INIT. SHUT-IN (PSI)	874			
FINAL FLOW PRES. (PSI)	149-204			
FINAL SHUT-IN (PSI)	867			
FINAL HYDRO. (PSI)	1833			
TOTAL FLUID FT. (PSI)	420			
GAS (BBL)	0			
OIL (BBL)	.062			
WATER (BBL)	4.284			
MUD (BBL)	1.862			
TOTAL FLUID (BBL)	6.208			
PIPE CAPACITY (BBL/FT)	.0155			
WEIGHT PIPE CAPACITY (BBL/FT)	0			
COLAR CAPACITY (BBL/FT)	.0049			
EXTRA EQUIPMENT				
TESTER	WESTERN			
COMPANY REP.	S DAVIS			
HOLE SIZE (IN.)	7.875			
ZONE POROSITY (%)	12(Default)			
EFFECTIVE FEET PAY	15			
GRAVITY (API)	53			
CHLORIDES-MUD (PPM)	3K			
CHLORIDES-REC. FLUID (PPM)				
FORMATION TEMP. (F)	107			
TIME PERIODS (MINUTES)	30-63-45-63			
TYPE OF DRIVE				
AVERAGE WATER SATURATION (%)				
WATER VISCOSITY (CP)				
ABANDONMENT PRESSURE (PSI)				
ECONOMIC LIMIT (BOPM)	90			

PRODUCTION CALCULATIONS

GAS/OIL RATIO	135
FORMATION VOL FACTOR	1.0851
VIS OF FLUID-RESERVOIR (CP)	.8931
BUBBLE POINT (PSI)	359.3248
EXTRAP. PRES. 1ST SI (PSI)	905.6002
EXTRAP. PRES. 2ND SI (PSI)	906.9976
SLOPE OF 2ND SI (PSI/LC)	128.1436
TRANSMISS. LIQUID (md-ft/cp)	1.7198
FLOW CAP. (md-ft)	1.5361
PRODUCT. INDEX (BOPD/PSI)	.0068
POTENTIO. SURFACE (ft ASL)	-194.6726
PERMEABILITY (md)	.1024
RADIUS OF INVEST. (FT)	8.4541
FLOW RATE GAS (MCF)	0
FLOW RATE TOTAL FLUID (BPD)	7.4325
FLOW RATE OIL (BPD)	1.249
ESTIMATED DAMAGE RATIO	1.0441
POTENTIAL/DAMAGE REM. (BPD)	1.3042

RESERVOIR CALCULATIONS

RECOVERY FACTOR (%)	NC
ANNUAL DECLINE (%)	NC
WELL LIFE (YEARS)	NC
NO. ACRES AFFECTED	NC
NO. ACRES NOT AFFECTED	NC
ECONOMIC RESERVES (BBL)	NC

Formation Testing Services, Inc. shall not be liable for damages of any kind, or for losses suffered or sustained directly or indirectly through the use of its statements or opinion concerning the results of any test.