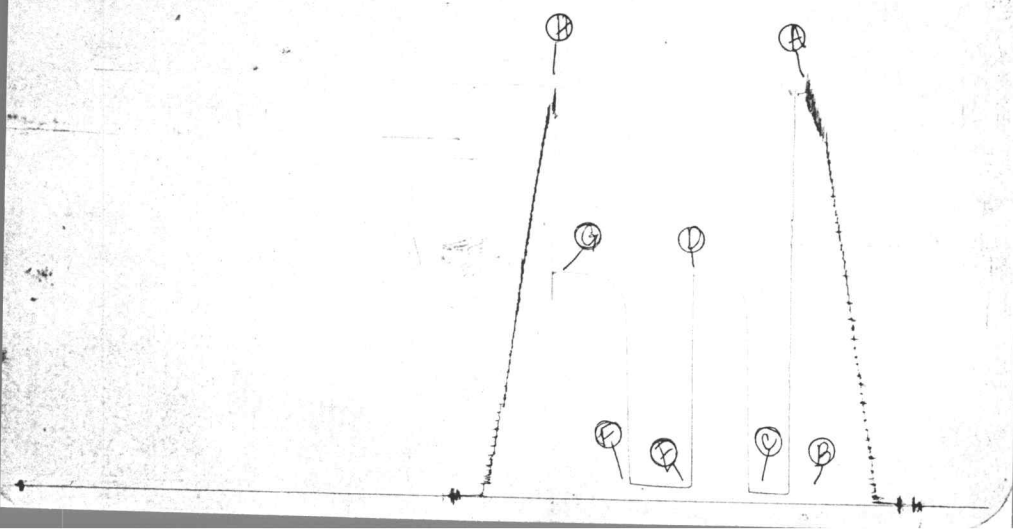


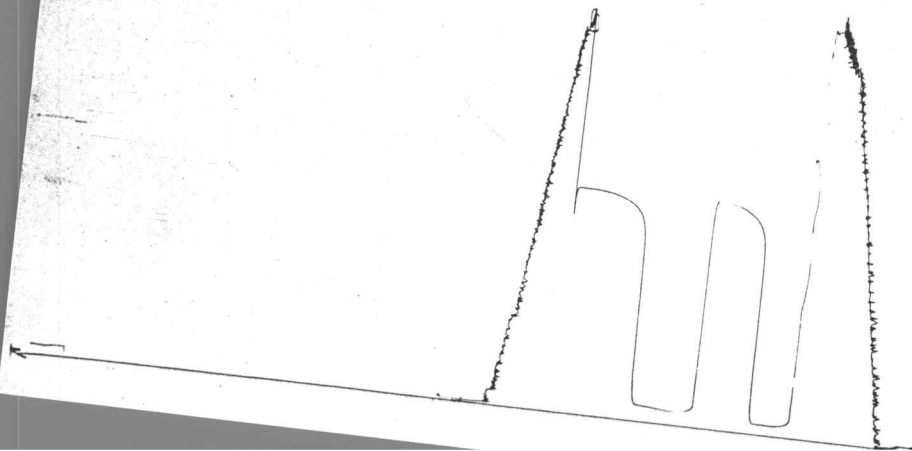
6203

TK# 11208
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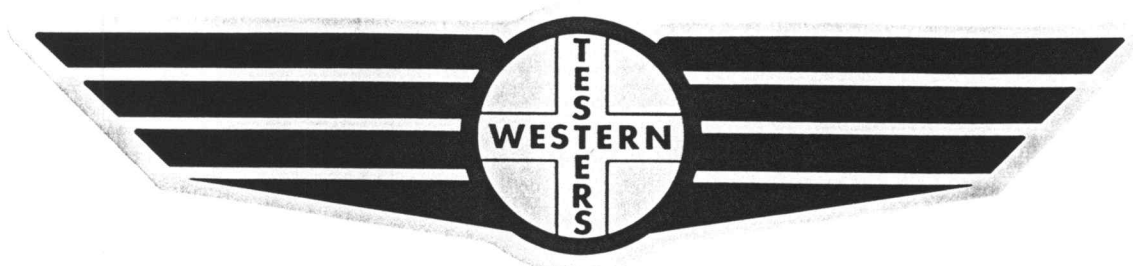


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TK# 11208
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY L B PETROLEUM, INC. LEASE & WELL NO. #8-5A SHARP SEC. 8 TWP. 17S RGE. 29W TEST NO. 1 DATE 8/6/86

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE : 8-6-86
CUSTOMER : L. B. PETROLEUM INC.
WELL : #8-5A TEST: 1
ELEVATION : 2832
SECTION : 8
RANGE : 29W COUNTY : LANE
GAUGE SN# : 6233 RANGE : 4000
TICKET : 11208
LEASE : SHARP
GEOLOGIST : SHAPURJI
FORMATION : LOWER KC J
TOWNSHIP : 17S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4169 TO : 4202 TOTAL DEPTH : 4202
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4169 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WARRIOR RIG 2
MUD TYPE : DAPAC VISCOSITY : 49
WEIGHT : 9.4 WATER LOSS (CC) : 9.2
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 : 4150 FT I.D. inch : 3.80
TEST TOOL LENGTH : 19 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 33 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 INCREASING TO 2 INCH
BLOW COMMENT #2 : IN WATER. FINAL FLOW-WEAK BLOW INCREASING TO
BLOW COMMENT #3 : 1 INCH IN WATER.
BLOW COMMENT #4 :

RECOVERED : 2 FT OF: OIL
RECOVERED : 30 FT OF: SLT OIL CUT WTRY MUD (5%O;60%M;35%W)
RECOVERED : 90 FT OF: MUDDY WATER (60%W;40%M)

Total Barrels Fluid = 1.71
Total Fluid Prod Rate = 32.86 BFPD
Indicated Oil Rate = 0.94 BOPD Indicated Wtr Rate = 16.29
Corrected Oil Rate = 24.85 BOPD Corrected Wtr Rate = 429.47

REMARK 1 :
REMARK 2 : CHLORIDES: 28000 PPM
REMARK 3 : NOT ENOUGH VOLUMN OF OIL TO CHECK GRAVITY
REMARK 4 :

SET PACKER(S) : 10:35 AM TIME STARTED OFF BOTTOM : 1:35 PM
WELL TEMPERATURE : 122
INITIAL HYDROSTATIC PRESSURE (A) 2158
INITIAL FLOW PERIOD MIN: 30 (B) 48 PSI TO (C) : 55
INITIAL CLOSED IN PERIOD MIN: 45 (D) 1194
FINAL FLOW PERIOD MIN: 45 (E) 72 PSI TO (F) : 83
FINAL CLOSED IN PERIOD MIN: 60 (G) 1187
FINAL HYDROSTATIC PRESSURE (H) 2142

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : L. B. PETROLEUM INC.
RIG : LANE-KANSAS
FIELD : SHARP
WELL : #8-5A
DATE : 8-6-86
GAUGE NO : 8

OPERATIONAL COMMENTS

CHLORIDES: 28000 PPM
NOT ENOUGH VOLUMN OF OIL TO CHECK GRAVITY

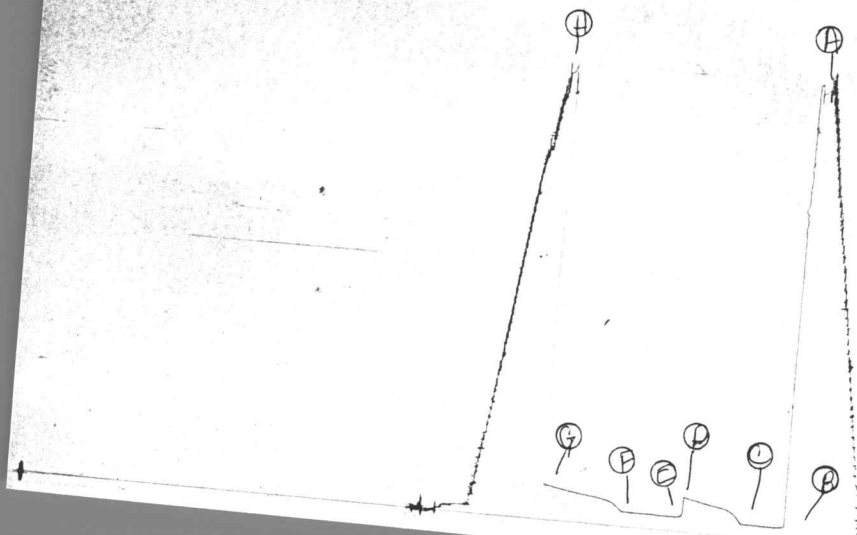
COMPANY : L. B. PETROLEUM INC.
WELL : #8-5A
GAUGE # : 8
DATE : 6/ 8/86

FIELD : SHARP
JOB # : 11208
DEPTH : 4202
EVENT :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	10:35: 0	0.000	48.000	122.00	0.000
2	10:39:60	0.083	48.000	122.00	0.000
3	10:45: 1	0.167	50.000	122.00	2.000
4	10:50: 0	0.250	52.000	122.00	2.000
5	10:54:60	0.333	53.000	122.00	1.000
6	11: 0: 1	0.417	54.000	122.00	1.000
7	11: 5: 0	0.500	55.000	122.00	1.000
8	11: 8: 0	0.550	555.000	122.00	500.000
9	11:11: 0	0.600	991.000	122.00	436.000
10	11:14: 0	0.650	1083.000	122.00	92.000
11	11:17: 0	0.700	1120.000	122.00	37.000
12	11:20: 0	0.750	1143.000	122.00	23.000
13	11:23: 0	0.800	1159.000	122.00	16.000
14	11:26: 0	0.850	1169.000	122.00	10.000
15	11:29: 0	0.900	1175.000	122.00	6.000
16	11:32: 0	0.950	1181.000	122.00	6.000
17	11:35: 0	1.000	1186.000	122.00	5.000
18	11:38: 0	1.050	1190.000	122.00	4.000
19	11:41: 0	1.100	1191.000	122.00	1.000
20	11:44: 0	1.150	1192.000	122.00	1.000
21	11:47: 0	1.200	1193.000	122.00	1.000
22	11:50: 0	1.250	1194.000	122.00	1.000
23	11:51: 1	1.267	72.000	122.00	-1122.000
24	11:54:60	1.333	72.000	122.00	0.000
25	12: 0: 1	1.417	72.000	122.00	0.000
26	12: 5: 0	1.500	72.000	122.00	0.000
27	12: 9:60	1.583	75.000	122.00	3.000
28	12:15: 1	1.667	77.000	122.00	2.000
29	12:20: 0	1.750	79.000	122.00	2.000
30	12:24:60	1.833	81.000	122.00	2.000
31	12:30: 1	1.917	82.000	122.00	1.000
32	12:35: 0	2.000	83.000	122.00	1.000
33	12:38: 0	2.050	456.000	122.00	373.000
34	12:41: 0	2.100	881.000	122.00	425.000
35	12:44: 0	2.150	1066.000	122.00	185.000
36	12:47: 0	2.200	1105.000	122.00	39.000
37	12:50: 0	2.250	1129.000	122.00	24.000
38	12:53: 0	2.300	1145.000	122.00	16.000
39	12:56: 0	2.350	1154.000	122.00	9.000
40	12:59: 0	2.400	1163.000	122.00	9.000
41	13: 2: 0	2.450	1168.000	122.00	5.000
42	13: 5: 0	2.500	1171.000	122.00	3.000
43	13: 8: 0	2.550	1176.000	122.00	5.000
44	13:11: 0	2.600	1180.000	122.00	4.000
45	13:14: 0	2.650	1182.000	122.00	2.000
46	13:17: 0	2.700	1183.000	122.00	1.000
47	13:20: 0	2.750	1184.000	122.00	1.000
48	13:23: 0	2.800	1185.000	122.00	1.000
49	13:26: 0	2.850	1186.000	122.00	1.000
50	13:29: 0	2.900	1187.000	122.00	1.000
51	13:32: 0	2.950	1187.000	122.00	0.000
52	13:35: 0	3.000	1187.000	122.00	0.000

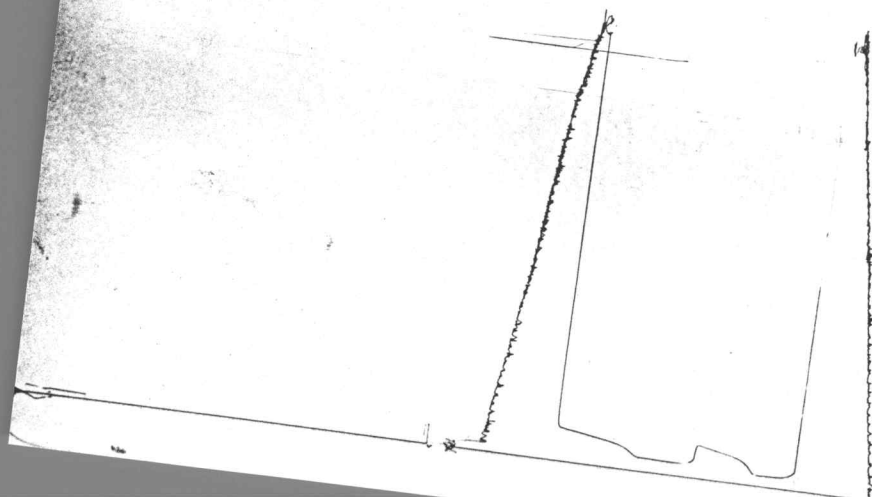
6233

TK# 11209
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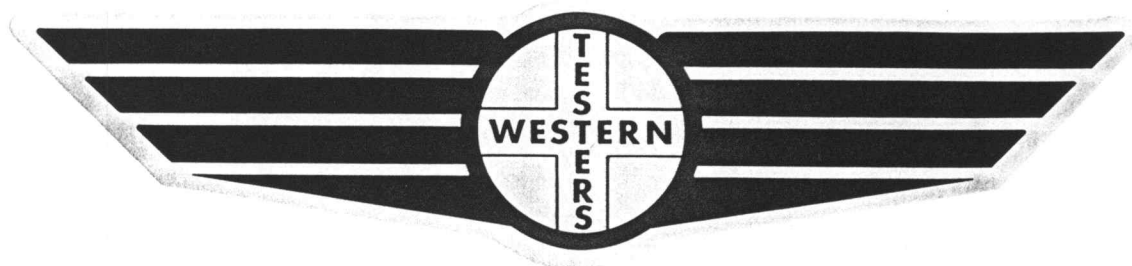


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TR# 11209
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FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY L B PETROLEUM, INC. LEASE & WELL NO. #8-5A SHARP SEC. 8 TWP. 17 SRGE. 29W TEST NO. 2 DATE 8/8/86

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE : 8-8-86 TICKET : 11209
CUSTOMER : L. B. PETROLEUM INC. LEASE : SHARP
WELL : #8-5A TEST: 2 GEOLOGIST : SHAPURJI
ELEVATION : 2832 FORMATION : JHHNSON-CHER.
SECTION : 7 TOWNSHIP : 17S
RANGE : 29W COUNTY : LANE STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4460 TO : 4534 TOTAL DEPTH : 4534
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4460 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WARRIOR RIG #2
MUD TYPE : DAPAC VISCOSITY : 43
WEIGHT : 9.6 WATER LOSS (CC) : 10
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 : 4441 FT I.D. inch : 3.80
TEST TOOL LENGTH : 19 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 74 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 INCREASING BLOW OFF
BLOW COMMENT #2 : BOTTOM OF BUCKET IN 10 MINUTES.
BLOW COMMENT #3 : FINAL FLOW-STRONG INCREASING BLOW OFF
BLOW COMMENT #4 : BOTTOM OF BUCKET IN 15 MINUTES.

RECOVERED : 32 FT OF: OIL CUT MUD (25%OIL;75%M)

Total Barrels Fluid = 0.45
Total Fluid Prod Rate = 8.62 BFPD
Indicated Oil Rate = 2.15 BOPD Indicated Wtr Rate = 6.46

BWPD

REMARK 1 :
REMARK 2 : CHLORIDES: 6000
REMARK 3 : RECOVERED 802 FEET OF GAS ABOVE FLUID.
REMARK 4 :

SET PACKER(S) : 3:35 AM TIME STARTED OFF BOTTOM : 6:35 AM
WELL TEMPERATURE : 130
INITIAL HYDROSTATIC PRESSURE (A) 2344
INITIAL FLOW PERIOD MIN: 30 (B) 66 PSI TO (C) : 66
INITIAL CLOSED IN PERIOD MIN: 45 (D) 180
FINAL FLOW PERIOD MIN: 45 (E) 77 PSI TO (F) : 78
FINAL CLOSED IN PERIOD MIN: 60 (G) 183
FINAL HYDROSTATIC PRESSURE (H) 2326

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : L. B. PETROLEUM INC.
RIG : LANE-KANSAS
FIELD : SHARP
WELL : #8-5A
DATE : 8-8-86
GAUGE NO : 6233

OPERATIONAL COMMENTS

CHLORIDES: 6000

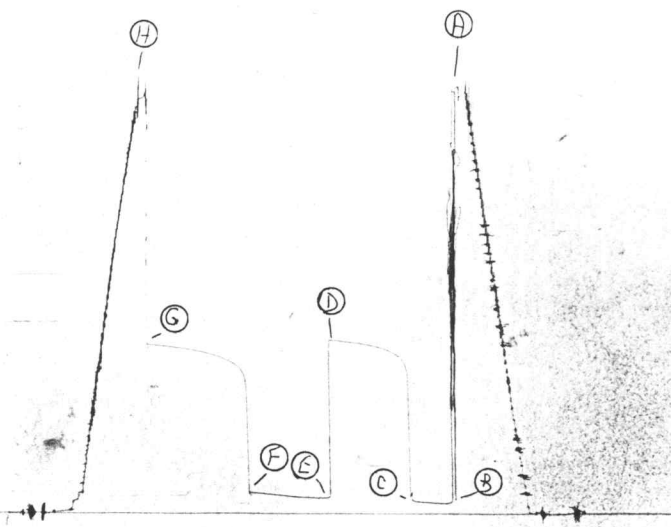
COMPANY : L. B. PETROLEUM INC.
WELL : #8-5A
GAUGE # : 6233
DATE : 8/ 8/86

FIELD : SHARP
JOB # : 11209
DEPTH : 4534
EVENT :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3:35: 0	0.000	66.000	130.00	0.000
2	3:39:60	0.083	66.000	130.00	0.000
3	3:45: 1	0.167	66.000	130.00	0.000
4	3:50: 0	0.250	66.000	130.00	0.000
5	3:54:60	0.333	66.000	130.00	0.000
6	4: 0: 1	0.417	66.000	130.00	0.000
7	4: 5: 0	0.500	66.000	130.00	0.000
8	4: 8: 0	0.550	81.000	130.00	15.000
9	4:11: 0	0.600	105.000	130.00	24.000
10	4:14: 0	0.650	123.000	130.00	18.000
11	4:17: 0	0.700	134.000	130.00	11.000
12	4:20: 0	0.750	139.000	130.00	5.000
13	4:23: 0	0.800	143.000	130.00	4.000
14	4:26: 0	0.850	146.000	130.00	3.000
15	4:29: 0	0.900	150.000	130.00	4.000
16	4:32: 0	0.950	155.000	130.00	5.000
17	4:35: 0	1.000	158.000	130.00	3.000
18	4:38: 0	1.050	164.000	130.00	6.000
19	4:41: 0	1.100	168.000	130.00	4.000
20	4:44: 0	1.150	172.000	130.00	4.000
21	4:47: 0	1.200	176.000	130.00	4.000
22	4:50: 0	1.250	180.000	130.00	4.000
23	4:51: 1	1.267	77.000	130.00	-103.000
24	4:54:60	1.333	77.000	130.00	0.000
25	5: 0: 1	1.417	77.000	130.00	0.000
26	5: 5: 0	1.500	77.000	130.00	0.000
27	5: 9:60	1.583	77.000	130.00	0.000
28	5:15: 1	1.667	77.000	130.00	0.000
29	5:20: 0	1.750	78.000	130.00	1.000
30	5:24:60	1.833	78.000	130.00	0.000
31	5:30: 1	1.917	78.000	130.00	0.000
32	5:35: 0	2.000	78.000	130.00	0.000
33	5:38: 0	2.050	90.000	130.00	12.000
34	5:41: 0	2.100	106.000	130.00	16.000
35	5:44: 0	2.150	121.000	130.00	15.000
36	5:47: 0	2.200	129.000	130.00	8.000
37	5:50: 0	2.250	135.000	130.00	6.000
38	5:53: 0	2.300	140.000	130.00	5.000
39	5:56: 0	2.350	143.000	130.00	3.000
40	5:59: 0	2.400	146.000	130.00	3.000
41	6: 2: 0	2.450	148.000	130.00	2.000
42	6: 5: 0	2.500	150.000	130.00	2.000
43	6: 8: 0	2.550	152.000	130.00	2.000
44	6:11: 0	2.600	156.000	130.00	4.000
45	6:14: 0	2.650	160.000	130.00	4.000
46	6:17: 0	2.700	163.000	130.00	3.000
47	6:20: 0	2.750	166.000	130.00	3.000
48	6:23: 0	2.800	169.000	130.00	3.000
49	6:26: 0	2.850	172.000	130.00	3.000
50	6:29: 0	2.900	176.000	130.00	4.000
51	6:32: 0	2.950	180.000	130.00	4.000
52	6:35: 0	3.000	183.000	130.00	3.000

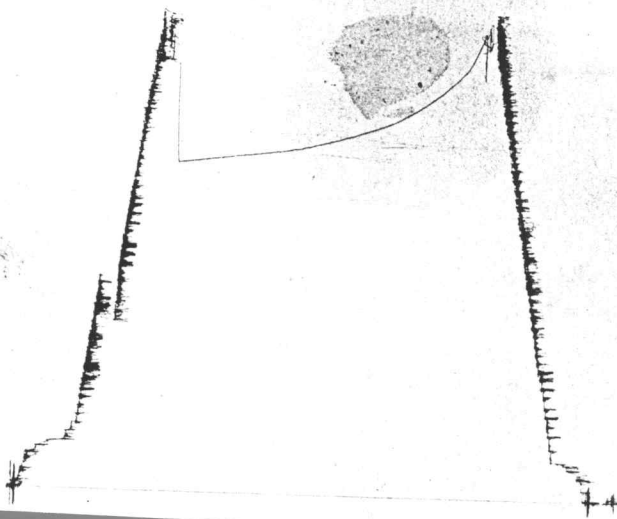
6233

TKT 11210
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1562

TKT 11210
Below STRADDLE



1390

TKT 11210
0



FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY L B PETROLEUM, INC. LEASE & WELL NO. #8-5A SHARP SEC. 8 TWP. 17S RGE. 29W TEST NO. 3 DATE 8/9/86

WESTERN TESTERS INC.
SUBSURFACE PRESSURE SURVEY

DATE : 8-9-86 TICKET : 11210
CUSTOMER : L. B. PRTOLEUM INC. LEASE : SHARP
WELL : #8-5A TEST: 3 GEOLOGIST : SHAPURJI
ELEVATION : 2832 FORMATION : LOWER KC K
SECTION : 8 TOWNSHIP : 17S
RANGE : 29W COUNTY : LANE STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4198 TO : 4242 TOTAL DEPTH : 4644
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4198 SIZE : 6.75
PACKER DEPTH : 4242 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : WARRIOR RIG #2
MUD TYPE : DAPAC VISCOSITY : 53
WEIGHT : 9.6 WATER LOSS (CC) : 10.4
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 : 4174 FT I.D. inch : 3.80
TEST TOOL LENGTH : 24 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 44 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 FAIR
BLOW COMMENT #2 : 4 INCHES IN WATER
BLOW COMMENT #3 : FINAL FLOW-WEAK BLOW 2 INCHES IN WATER
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: MUD-FEW OIL SPOTS-LESS THAN 1%
RECOVERED : 90 FT OF: MUD
RECOVERED : 90 FT OF: MUDDY WATER(60%W;40%M)

Total Barrels Fluid = 2.95
Total Fluid Prod Rate = 47.13 BFPD
Indicated Oil Rate = 0.22 BOPD Indicated Wtr Rate = 40.40
Corrected Oil Rate = 33.72 BOPD Corrected Wtr Rate = 6069.32

REMARK 1 :
REMARK 2 : CHLORIDES: 28000 PPM
REMARK 3 : PACKER DIDN'T HOLD FIRST TIME TOOL OPENED
REMARK 4 :

SET PACKER(S) : 9:40 AM TIME STARTED OFF BOTTOM : 1:25 PM
WELL TEMPERATURE : 120
INITIAL HYDROSTATIC PRESSURE (A) 2197
INITIAL FLOW PERIOD MIN: 30 (B) 57 PSI TO (C) : 67
INITIAL CLOSED IN PERIOD MIN: 63 (D) 912
FINAL FLOW PERIOD MIN: 60 (E) 84 PSI TO (F) : 114
FINAL CLOSED IN PERIOD MIN: 75 (G) 887
FINAL HYDROSTATIC PRESSURE (H) 2184

WESTERN TESTERS INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : L. B. PRTOLEUM INC.
RIG : LANE-KANSAS
FIELD : SHARP
WELL : #8-5A
DATE : 8-9-86
GAUGE NO : 6233

OPERATIONAL COMMENTS

CHLORIDES: 28000 PPM
PACKER DIDN'T HOLD FIRST TIME TOOL OPENED

COMPANY : L. B. PRITROLEUM INC.
WELL : #8-5A
GAUGE # : 6233
DATE : 9/ 8/86

FIELD : SHARP
JOB # : 11210
DEPTH : 4644
EVENT :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	9:40: 0	0.000	57.000	120.00	0.000
2	9:44:60	0.083	57.000	120.00	0.000
3	9:50: 1	0.167	58.000	120.00	1.000
4	9:55: 0	0.250	59.000	120.00	1.000
5	9:59:60	0.333	61.000	120.00	2.000
6	10: 5: 1	0.417	64.000	120.00	3.000
7	10:10: 0	0.500	67.000	120.00	3.000
8	10:13: 0	0.550	565.000	120.00	498.000
9	10:16: 0	0.600	777.000	120.00	212.000
10	10:19: 0	0.650	812.000	120.00	35.000
11	10:22: 0	0.700	832.000	120.00	20.000
12	10:25: 0	0.750	845.000	120.00	13.000
13	10:28: 0	0.800	857.000	120.00	12.000
14	10:31: 0	0.850	865.000	120.00	8.000
15	10:34: 0	0.900	870.000	120.00	5.000
16	10:37: 0	0.950	877.000	120.00	7.000
17	10:40: 0	1.000	884.000	120.00	7.000
18	10:43: 0	1.050	889.000	120.00	5.000
19	10:46: 0	1.100	892.000	120.00	3.000
20	10:49: 0	1.150	895.000	120.00	3.000
21	10:52: 0	1.200	898.000	120.00	3.000
22	10:55: 0	1.250	901.000	120.00	3.000
23	10:58: 0	1.300	904.000	120.00	3.000
24	11: 1: 0	1.350	906.000	120.00	2.000
25	11: 4: 0	1.400	908.000	120.00	2.000
26	11: 7: 0	1.450	910.000	120.00	2.000
27	11:10: 0	1.500	911.000	120.00	1.000
28	11:13: 0	1.550	912.000	120.00	1.000
29	11:14: 1	1.567	84.000	120.00	-828.000
30	11:17:60	1.633	84.000	120.00	0.000
31	11:23: 1	1.717	84.000	120.00	0.000
32	11:28: 0	1.800	86.000	120.00	2.000
33	11:32:60	1.883	88.000	120.00	2.000
34	11:38: 1	1.967	90.000	120.00	2.000
35	11:43: 0	2.050	92.000	120.00	2.000
36	11:47:60	2.133	95.000	120.00	3.000
37	11:53: 1	2.217	99.000	120.00	4.000
38	11:58: 0	2.300	104.000	120.00	5.000
39	12: 2:60	2.383	107.000	120.00	3.000
40	12: 8: 1	2.467	111.000	120.00	4.000
41	12:13: 0	2.550	114.000	120.00	3.000
42	12:16: 0	2.600	665.000	120.00	551.000
43	12:19: 0	2.650	746.000	120.00	81.000
44	12:22: 0	2.700	775.000	120.00	29.000
45	12:25: 0	2.750	791.000	120.00	16.000
46	12:28: 0	2.800	803.000	120.00	12.000
47	12:31: 0	2.850	812.000	120.00	9.000
48	12:34: 0	2.900	823.000	120.00	11.000
49	12:37: 0	2.950	829.000	120.00	6.000
50	12:40: 0	3.000	835.000	120.00	6.000
51	12:43: 0	3.050	842.000	120.00	7.000
52	12:46: 0	3.100	848.000	120.00	6.000

COMPANY : L. B. PRTOLEUM INC.
WELL : #8-5A
GAUGE # : 6233
DATE : 9/ 8/86

FIELD : SHARP
JOB # : 11210
DEPTH : 4644
EVENT :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	12:49: 0	3.150	852.000	120.00	4.000
54	12:52: 0	3.200	857.000	120.00	5.000
55	12:55: 0	3.250	861.000	120.00	4.000
56	12:58: 0	3.300	866.000	120.00	5.000
57	13: 1: 0	3.350	869.000	120.00	3.000
58	13: 4: 0	3.400	872.000	120.00	3.000
59	13: 7: 0	3.450	875.000	120.00	3.000
60	13:10: 0	3.500	877.000	120.00	2.000
61	13:13: 0	3.550	879.000	120.00	2.000
62	13:16: 0	3.600	881.000	120.00	2.000
63	13:19: 0	3.650	883.000	120.00	2.000
64	13:22: 0	3.700	885.000	120.00	2.000
65	13:25: 0	3.750	886.000	120.00	1.000
66	13:28: 0	3.800	887.000	120.00	1.000

WESTERN TESTERS INC.