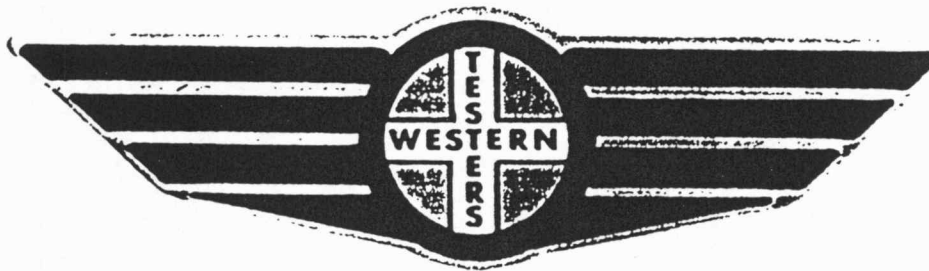


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY JAY BOY OIL, INC.

LEASE & WELL NO. TIMM #1

SEC. 24 TWP. 1S RGE. 33W TEST NO. 1 DATE 1/15/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-15-88
CUSTOMER : JAY BOY OIL CO. INC.
WELL : #1 TEST: 1
ELEVATION :
SECTION : 24
RANGE : 33W COUNTY : RAWLINS
GAUGE SN# : 1562 RANGE : 3900
TICKET : 13211
LEASE : TIMM
GEOLOGIST : D. RHOADES
FORMATION : OREAD
TOWNSHIP : 1S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 3845 TO : 3935 TOTAL DEPTH : 3935
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3840 SIZE : 6.75
PACKER DEPTH : 3845 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 2
MUD TYPE : MONPAC VISCOSITY : 35
WEIGHT : 9.2 WATER LOSS (CC) : 8
CHLORIDES (PPM) : 1000
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 486 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3339 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 90 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-STEADY 1 1/2" IN WATER.
BLOW COMMENT #2 : FINAL FLOW-WEAK BLOW-STEADY 1/2" IN WATER.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 130 FT OF: THIN MUD

CHLORIDES: 4000 PPM

Total Barrels Fluid = 0.61
Total Fluid Prod Rate = 11.73 BFPD
Indicated Wtr Rate = 1.81 BWPD

REMARK 1 :
REMARK 2 : SLID TOOL 6' TO BOTTOM
REMARK 3 :
REMARK 4 :

SET PACKER(S) :	8:00 PM	TIME STARTED OFF BOTTOM :	11:15 PM
WELL TEMPERATURE :	0		
INITIAL HYDROSTATIC PRESSURE		(A)	1883
INITIAL FLOW PERIOD MIN:	30	(B)	50 PSI TO (C) : 55
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1244
FINAL FLOW PERIOD MIN:	45	(E)	72 PSI TO (F) : 92
FINAL CLOSED IN PERIOD MIN:	63	(G)	1193
FINAL HYDROSTATIC PRESSURE		(H)	1877

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.
RIG : RAWLINS-KANSAS
FIELD : TIMM
WELL : #1
DATE : 1-15-88
GAUGE NO : 1562

OPERATIONAL COMMENTS

SLID TOOL 6' TO BOTTOM

COMPANY : JAY BOY OIL CO. INC.
 WELL : #1
 GAUGE # : 1562
 DATE : 15/ 1/88

FIELD : TIMM
 JOB # : 13211
 DEPTH : 3935
 TEST :

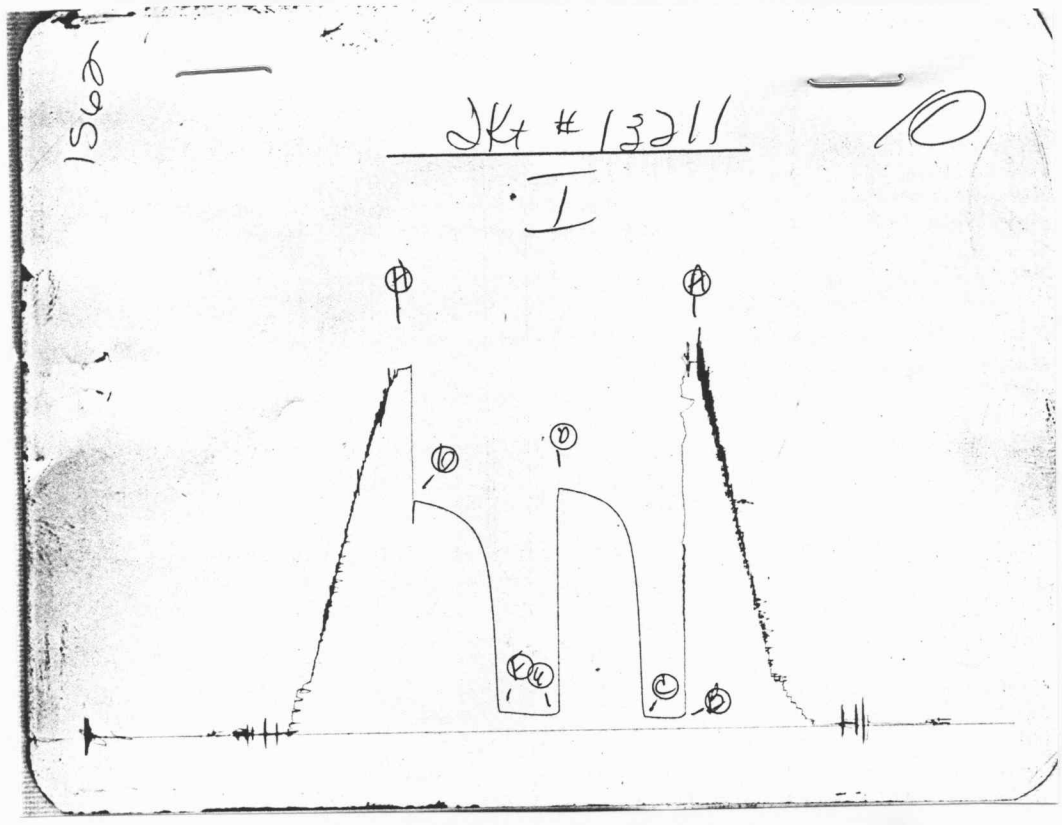
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	8: 0: 0	0.000	50.000	0.00	0.000
2	8: 4: 59	0.083	50.000	0.00	0.000
3	8:10: 0	0.167	50.000	0.00	0.000
4	8:15: 0	0.250	50.000	0.00	0.000
5	8:19: 59	0.333	51.000	0.00	1.000
6	8:25: 0	0.417	53.000	0.00	2.000
7	8:30: 0	0.500	55.000	0.00	2.000
8	8:33: 0	0.550	581.000	0.00	526.000
9	8:36: 0	0.600	844.000	0.00	263.000
10	8:39: 0	0.650	967.000	0.00	123.000
11	8:42: 0	0.700	1037.000	0.00	70.000
12	8:45: 0	0.750	1077.000	0.00	40.000
13	8:48: 0	0.800	1109.000	0.00	32.000
14	8:51: 0	0.850	1132.000	0.00	23.000
15	8:54: 0	0.900	1154.000	0.00	22.000
16	8:57: 0	0.950	1170.000	0.00	16.000
17	9: 0: 0	1.000	1181.000	0.00	11.000
18	9: 2: 59	1.050	1192.000	0.00	11.000
19	9: 6: 0	1.100	1203.000	0.00	11.000
20	9: 9: 0	1.150	1208.000	0.00	5.000
21	9:12: 0	1.200	1215.000	0.00	7.000
22	9:15: 0	1.250	1224.000	0.00	9.000
23	9:18: 0	1.300	1229.000	0.00	5.000
24	9:21: 0	1.350	1232.000	0.00	3.000
25	9:24: 0	1.400	1237.000	0.00	5.000
26	9:27: 0	1.450	1241.000	0.00	4.000
27	9:30: 0	1.500	1244.000	0.00	3.000
28	9:31: 0	1.517	72.000	0.00	-1172.000
29	9:34: 59	1.583	72.000	0.00	0.000
30	9:40: 0	1.667	72.000	0.00	0.000
31	9:45: 0	1.750	74.000	0.00	2.000
32	9:49: 59	1.833	76.000	0.00	2.000
33	9:55: 0	1.917	80.000	0.00	4.000
34	10: 0: 0	2.000	84.000	0.00	4.000
35	10: 4: 59	2.083	88.000	0.00	4.000
36	10:10: 0	2.167	90.000	0.00	2.000
37	10:15: 0	2.250	92.000	0.00	2.000
38	10:18: 0	2.300	450.000	0.00	358.000
39	10:21: 0	2.350	745.000	0.00	295.000
40	10:24: 0	2.400	878.000	0.00	133.000
41	10:27: 0	2.450	954.000	0.00	76.000
42	10:30: 0	2.500	1001.000	0.00	47.000
43	10:33: 0	2.550	1036.000	0.00	35.000
44	10:36: 0	2.600	1058.000	0.00	22.000
45	10:39: 0	2.650	1083.000	0.00	25.000
46	10:42: 0	2.700	1100.000	0.00	17.000
47	10:45: 0	2.750	1113.000	0.00	13.000
48	10:48: 0	2.800	1125.000	0.00	12.000
49	10:51: 0	2.850	1137.000	0.00	12.000
50	10:54: 0	2.900	1145.000	0.00	8.000
51	10:57: 0	2.950	1154.000	0.00	9.000
52	11: 0: 0	3.000	1161.000	0.00	7.000

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 1562
DATE : 15/ 1/88

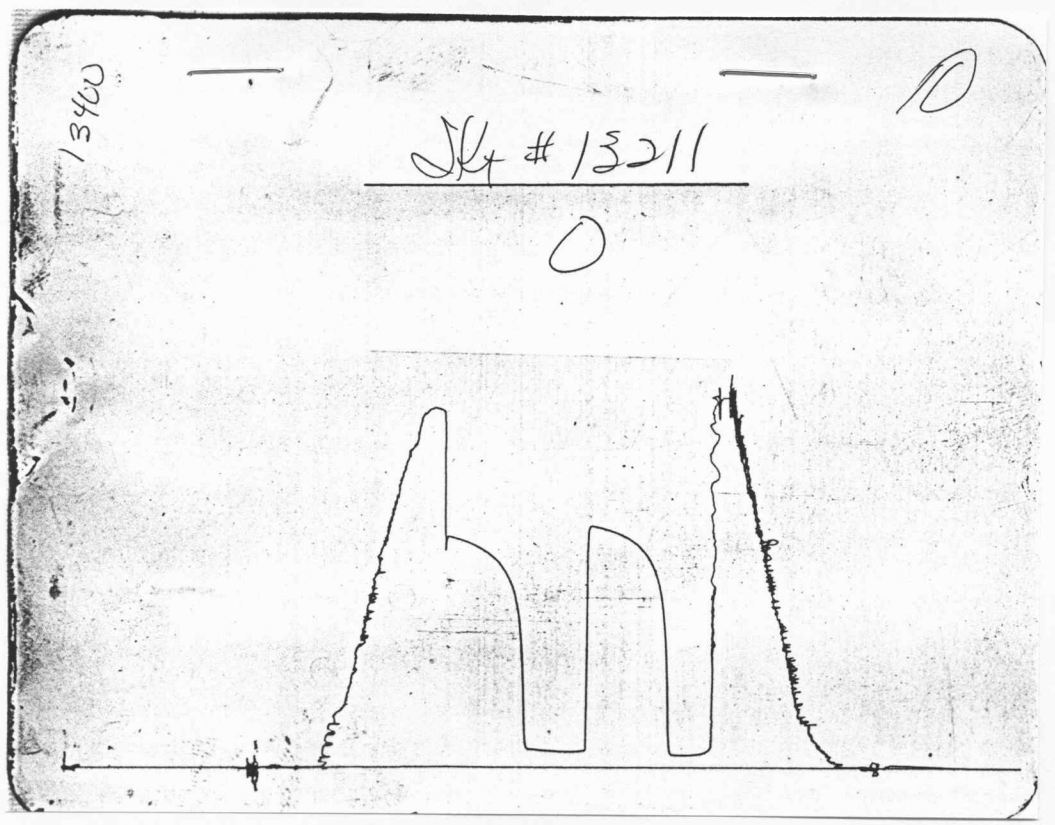
FIELD : TIMM
JOB # : 13211
DEPTH : 3935
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	11: 3: 0	3.050	1168.000	0.00	7.000
54	11: 6: 0	3.100	1175.000	0.00	7.000
55	11: 9: 0	3.150	1182.000	0.00	7.000
56	11:12: 0	3.200	1186.000	0.00	4.000
57	11:15: 0	3.250	1190.000	0.00	4.000
58	11:18: 0	3.300	1193.000	0.00	3.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. TIMM #1 SEC. 24 TWP. 1S RGE. 33W TEST NO. 2 DATE 1/16/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-16-88
CUSTOMER : JAY BOY OIL CO. INC.
WELL : #1 TEST: 2
ELEVATION : 2973 KB
SECTION : 24
RANGE : 33W COUNTY : RAWLINS
GAUGE SN# : 6233 RANGE : 4000
TICKET : 13212
LEASE : TIMM
GEOLOGIST : D. RHOADES
FORMATION : 100'
TOWNSHIP : 1S
STATE : KANSAS
CLOCK : 12

INTERVAL FROM : 4010 TO : 4060 TOTAL DEPTH : 4060
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4005 SIZE : 6.75
PACKER DLPTH : 4010 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 2
MUD TYPE : MONPAC VISCOSITY : 55
WEIGHT : 9.3 WATER LOSS (CC) : 7.2
CHLORIDES (PPM) : 1000
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 486 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3504 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 50 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-1/2" IN WATER.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 30 FT OF: SLIGHTLY OIL CUT MUD
1% OIL-99% MUD

CHLORIDES: 2000 PPM

Total Barrels Fluid = 0.14
Total Fluid Prod Rate = 4.51 BFPD
Indicated Oil Rate = 0.05 BOPD
Indicated Wtr Rate = 0.45 BWPD

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

SET PACKER(S) : 6:35 PM

TIME STARTED OFF BOTTOM : 8:50 PM

WELL TEMPERATURE : 119

INITIAL HYDROSTATIC PRESSURE

(A) 2003

INITIAL FLOW PERIOD MIN: 30

(B) 23 PSI TO (C) : 28

INITIAL CLOSED IN PERIOD MIN: 60

(D) 647

FINAL FLOW PERIOD MIN: 15

(E) 41 PSI TO (F) : 41

FINAL CLOSED IN PERIOD MIN: 30

(G) 568

FINAL HYDROSTATIC PRESSURE

(H) 1999

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.

RIG : RAWLINS-KANSAS

FIELD : TIMM

WELL : #1

DATE : 1-16-88

GAUGE NO : 6233

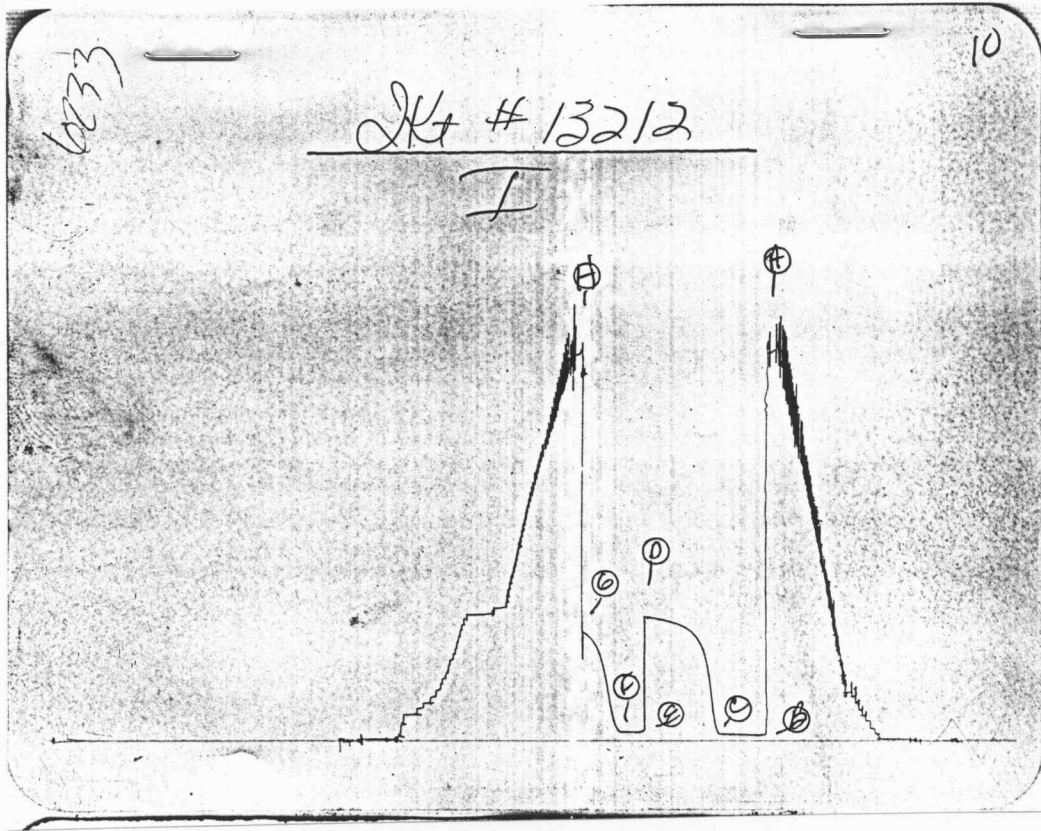
OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL CO. INC.
 WELL : #1
 GAUGE # : 6233
 DATE : 16/ 1/88

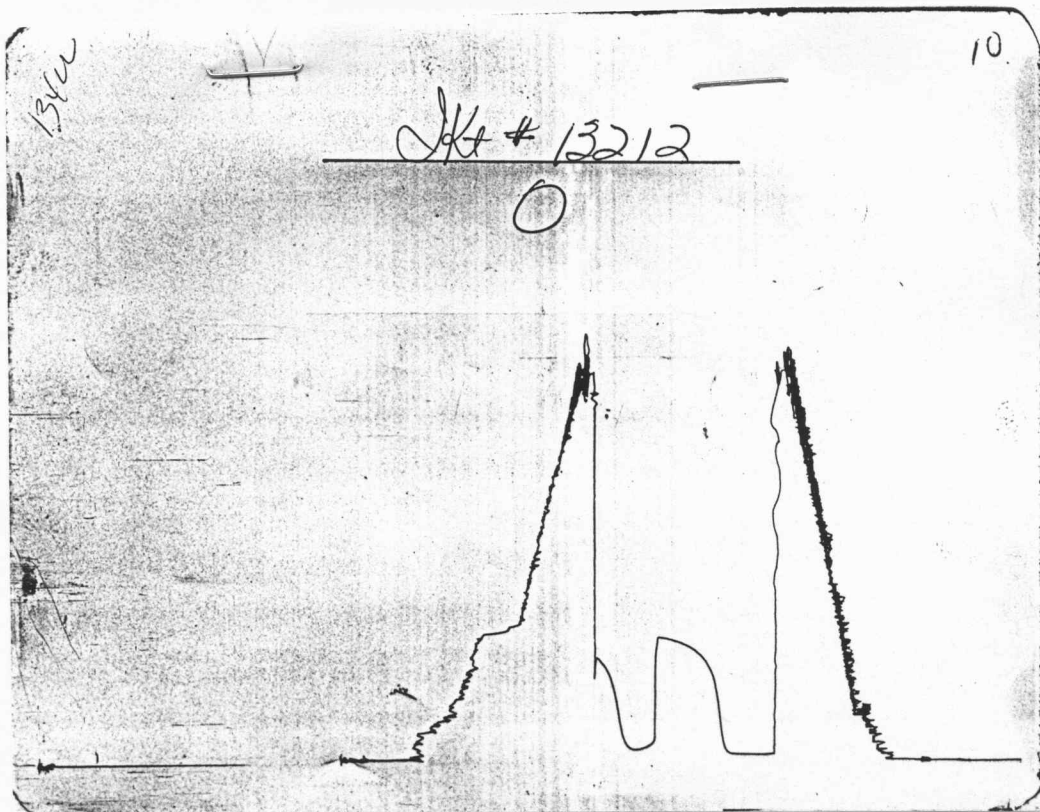
FIELD : TIMM
 JOB # : 13212
 DEPTH : 4060
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:35: 0	0.000	23.000	119.00	0.000
2	6:39:59	0.083	23.000	119.00	0.000
3	6:45: 0	0.167	26.000	119.00	3.000
4	6:50: 0	0.250	28.000	119.00	2.000
5	6:54:59	0.333	28.000	119.00	0.000
6	7: 0: 0	0.417	28.000	119.00	0.000
7	7: 5: 0	0.500	28.000	119.00	0.000
8	7: 8: 0	0.550	30.000	119.00	2.000
9	7:11: 0	0.600	51.000	119.00	21.000
10	7:14: 0	0.650	167.000	119.00	116.000
11	7:17: 0	0.700	320.000	119.00	153.000
12	7:20: 0	0.750	432.000	119.00	112.000
13	7:23: 0	0.800	497.000	119.00	65.000
14	7:26: 0	0.850	533.000	119.00	36.000
15	7:29: 0	0.900	560.000	119.00	27.000
16	7:32: 0	0.950	577.000	119.00	17.000
17	7:35: 0	1.000	590.000	119.00	13.000
18	7:38: 0	1.050	602.000	119.00	12.000
19	7:41: 0	1.100	611.000	119.00	9.000
20	7:44: 0	1.150	617.000	119.00	6.000
21	7:47: 0	1.200	624.000	119.00	7.000
22	7:50: 0	1.250	629.000	119.00	5.000
23	7:53: 0	1.300	634.000	119.00	5.000
24	7:56: 0	1.350	637.000	119.00	3.000
25	7:59: 0	1.400	642.000	119.00	5.000
26	8: 2: 0	1.450	645.000	119.00	3.000
27	8: 5: 0	1.500	647.000	119.00	2.000
28	8: 6: 0	1.517	41.000	119.00	-606.000
29	8: 9:59	1.583	41.000	119.00	0.000
30	8:15: 0	1.667	41.000	119.00	0.000
31	8:20: 0	1.750	41.000	119.00	0.000
32	8:23: 0	1.800	53.000	119.00	12.000
33	8:26: 0	1.850	109.000	119.00	56.000
34	8:29: 0	1.900	199.000	119.00	90.000
35	8:32: 0	1.950	309.000	119.00	110.000
36	8:35: 0	2.000	404.000	119.00	95.000
37	8:38: 0	2.050	473.000	119.00	69.000
38	8:41: 0	2.100	511.000	119.00	38.000
39	8:44: 0	2.150	538.000	119.00	27.000
40	8:47: 0	2.200	555.000	119.00	17.000
41	8:50: 0	2.250	568.000	119.00	13.000

WESTERN TESTING CO. INC.

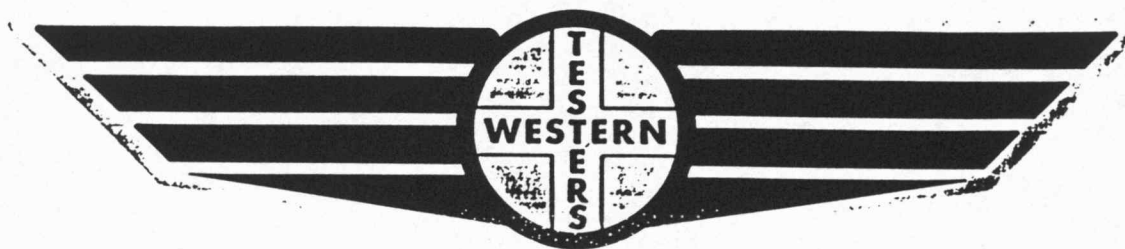


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY JAY BOY OIL, INC.

LEASE & WELL NO.

TIMM #1

SEC.

24 TWP.

1S

RGE.

33W

TEST NO.

3

DATE

1/17/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-17-88 TICKET : 13213
CUSTOMER : JAY BOY OIL CO. INC. LEASE : TIMM
WELL : #1 TEST: 3 GEOLOGIST : D. RHOADES
ELEVATION : 2973 KB FORMATION : 180
SECTION : 24 TOWNSHIP : 1S
RANGE : 33W COUNTY : RAWLINS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4105 TO : 4155 TOTAL DEPTH : 4155
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4100 SIZE : 6.75
PACKER DEPTH : 4105 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 2
MUD TYPE : MONPAC VISCOSITY : 51
WEIGHT : 9.1 WATER LOSS (CC) : 10
CHLORIDES (PPM) : 1000
JARS-MAKE : NO SERIAL NUMBER :
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 486 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3599 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 50 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-FAIR BLOW-6" IN WATER.
BLOW COMMENT #2 : FINAL FLOW-FAIR BLOW-3" IN WATER.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 330 FT OF: GASSY OIL
80% OIL-20% GAS
RECOVERED : 90 FT OF: GASSY OIL CUT MUD
15% OIL-10% GAS-75% MUD
GRAVITY 35 CORRECTED TO 60 DEG.
CHLORIDES: 3000 PPM

Total Barrels Fluid = 1.97
Total Fluid Prod Rate = 29.93 BFPD
Indicated Oil Rate = 19.78 BOPD
Indicated Wtr Rate = 0.48 BWPD
Corrected Oil Rate = 18.01 BOPD
Corrected Wtr Rate = 0.43 BWPD

REMARK 1 :
REMARK 2 : RECOVERED 120 FEET OF GAS ABOVE FLUID.
REMARK 3 :
REMARK 4 :

SET PACKER(S) : 3:45 PM TIME STARTED OFF BOTTOM : 7:15 PM
WELL TEMPERATURE : 120
INITIAL HYDROSTATIC PRESSURE (A) 2095
INITIAL FLOW PERIOD MIN: 30 (B) 35 PSI TO (C) : 69
INITIAL CLOSED IN PERIOD MIN: 57 (D) 259
FINAL FLOW PERIOD MIN: 65 (E) 96 PSI TO (F) : 128
FINAL CLOSED IN PERIOD MIN: 60 (G) 252
FINAL HYDROSTATIC PRESSURE (H) 2091

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.

RIG : RAWLINS-KANSAS

FIELD : TIMM

WELL : #1

DATE : 1-17-88

GAUGE NO : 6233

OPERATIONAL COMMENTS

RECOVERED 120 FEET OF GAS ABOVE FLUID.

COMPANY : JAY BOY OIL CO. INC.
 WELL : #1
 GAUGE # : 6233
 DATE : 17/ 1/88

FIELD : TIMM
 JOB # : 13213
 DEPTH : 4155
 TEST :

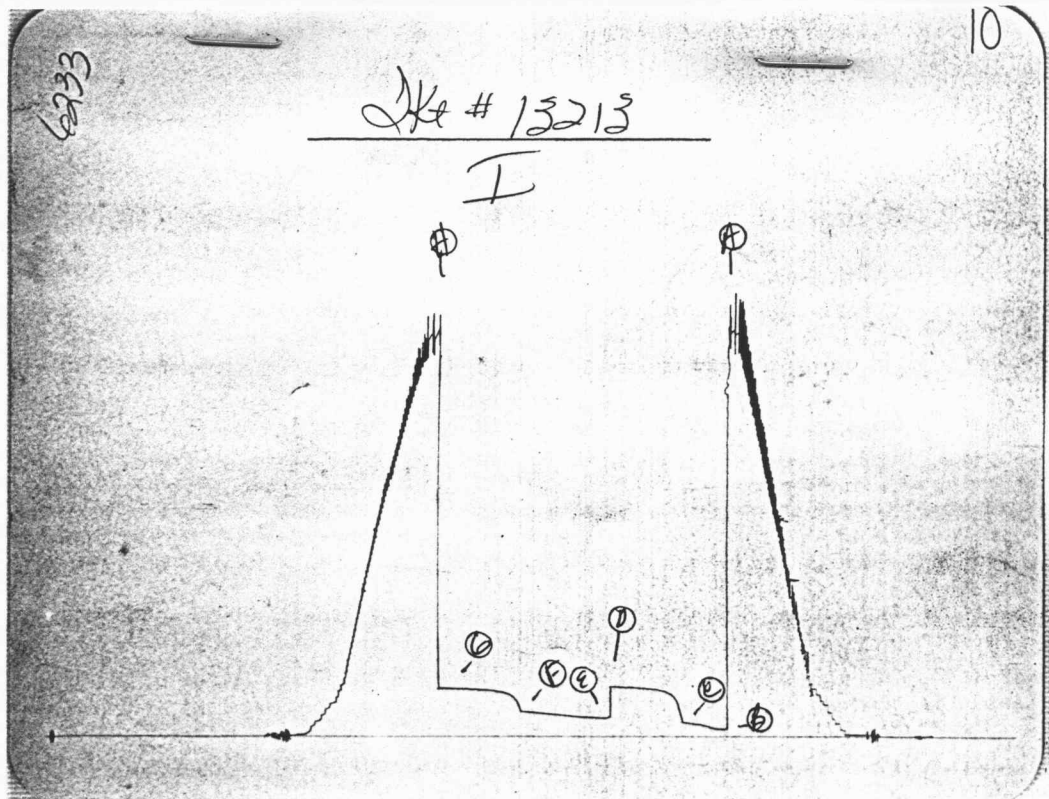
DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	3:45: 0	0.000	35.000	120.00	0.000
2	3:49:59	0.083	37.000	120.00	2.000
3	3:55: 0	0.167	42.000	120.00	5.000
4	4: 0: 0	0.250	51.000	120.00	9.000
5	4: 4:59	0.333	60.000	120.00	9.000
6	4:10: 0	0.417	64.000	120.00	4.000
7	4:15: 0	0.500	69.000	120.00	5.000
8	4:18: 0	0.550	99.000	120.00	30.000
9	4:21: 0	0.600	173.000	120.00	74.000
10	4:24: 0	0.650	206.000	120.00	33.000
11	4:27: 0	0.700	223.000	120.00	17.000
12	4:30: 0	0.750	234.000	120.00	11.000
13	4:33: 0	0.800	237.000	120.00	3.000
14	4:36: 0	0.850	244.000	120.00	7.000
15	4:39: 0	0.900	247.000	120.00	3.000
16	4:42: 0	0.950	249.000	120.00	2.000
17	4:45: 0	1.000	251.000	120.00	2.000
18	4:48: 0	1.050	252.000	120.00	1.000
19	4:51: 0	1.100	253.000	120.00	1.000
20	4:54: 0	1.150	254.000	120.00	1.000
21	4:57: 0	1.200	255.000	120.00	1.000
22	5: 0: 0	1.250	256.000	120.00	1.000
23	5: 3: 0	1.300	257.000	120.00	1.000
24	5: 6: 0	1.350	258.000	120.00	1.000
25	5: 9: 0	1.400	259.000	120.00	1.000
26	5:12: 0	1.450	259.000	120.00	0.000
27	5:13: 0	1.467	96.000	120.00	-163.000
28	5:16:59	1.533	96.000	120.00	0.000
29	5:22: 0	1.617	96.000	120.00	0.000
30	5:27: 0	1.700	98.000	120.00	2.000
31	5:31:59	1.783	100.000	120.00	2.000
32	5:37: 0	1.867	103.000	120.00	3.000
33	5:42: 0	1.950	105.000	120.00	2.000
34	5:46:59	2.033	110.000	120.00	5.000
35	5:52: 0	2.117	113.000	120.00	3.000
36	5:57: 0	2.200	116.000	120.00	3.000
37	6: 1:59	2.283	120.000	120.00	4.000
38	6: 7: 0	2.367	124.000	120.00	4.000
39	6:12: 0	2.450	127.000	120.00	3.000
40	6:16:59	2.533	128.000	120.00	1.000
41	6:19:59	2.583	176.000	120.00	48.000
42	6:22:59	2.633	201.000	120.00	25.000
43	6:25:59	2.683	219.000	120.00	18.000
44	6:28:59	2.733	227.000	120.00	8.000
45	6:31:59	2.783	232.000	120.00	5.000
46	6:34:59	2.833	236.000	120.00	4.000
47	6:37:59	2.883	240.000	120.00	4.000
48	6:40:59	2.933	242.000	120.00	2.000
49	6:43:59	2.983	243.000	120.00	1.000
50	6:46:59	3.033	244.000	120.00	1.000
51	6:49:59	3.083	245.000	120.00	1.000
52	6:52:59	3.133	246.000	120.00	1.000

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 6233
DATE : 17/ 1/88

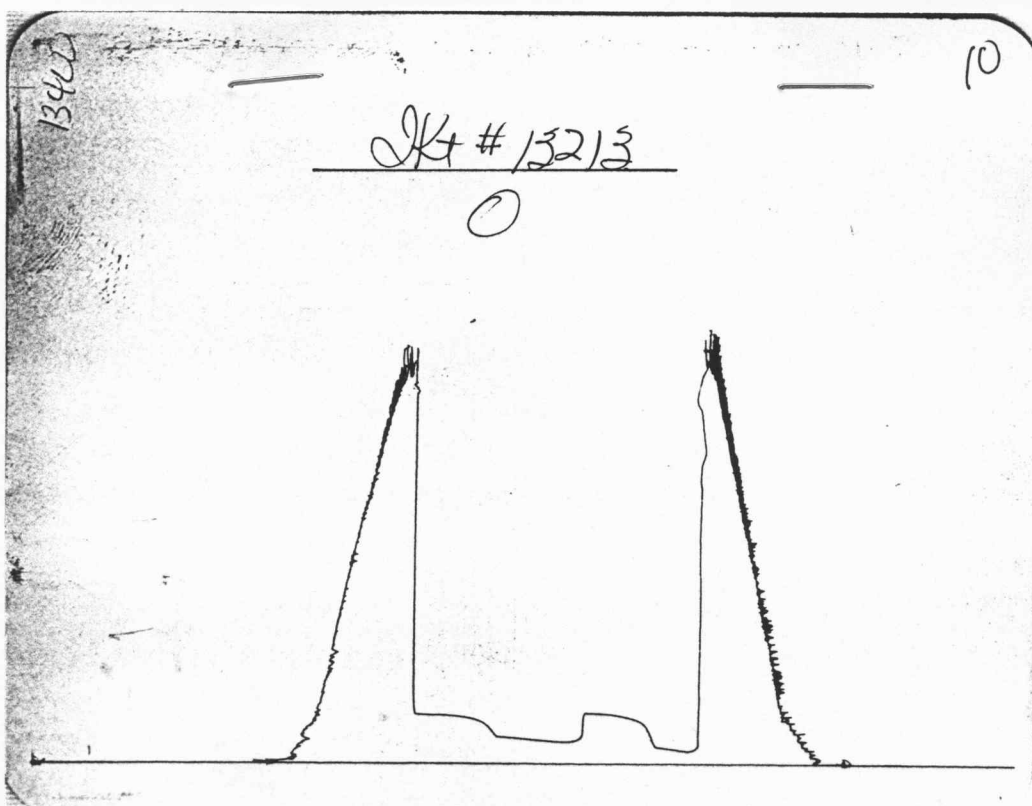
FIELD : TIMM
JOB # : 13213
DEPTH : 4155
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	6:55:59	3.183	247.000	120.00	1.000
54	6:58:59	3.233	248.000	120.00	1.000
55	7: 1:59	3.283	248.000	120.00	0.000
56	7: 4:59	3.333	249.000	120.00	1.000
57	7: 7:59	3.383	249.000	120.00	0.000
58	7:10:59	3.433	250.000	120.00	1.000
59	7:13:59	3.483	251.000	120.00	1.000
60	7:16:59	3.533	252.000	120.00	1.000

WESTERN TESTING CO. INC.

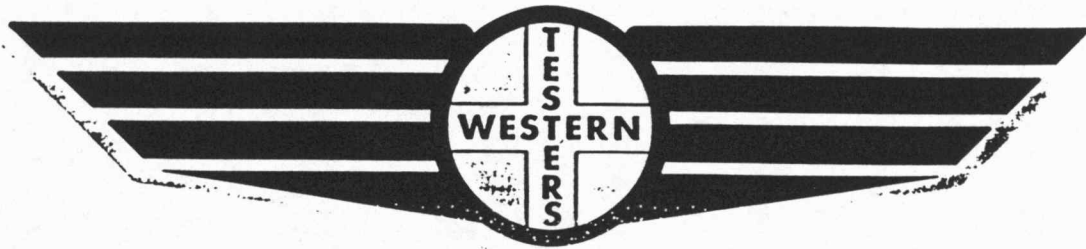


Inside Recorder



Outside Recorder

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. T1M #1 SEC. 24 TWP. 1S RGE. 33W TEST NO. 4 DATE 1/18/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 1-18-88 TICKET : 13214
CUSTOMER : JAY BOY OIL CO. INC. LEASE : TIMM
WELL : #1 TEST: 4 GEOLOGIST : D. RHOADES
ELEVATION : 2973 KB FORMATION : 200-220
SECTION : 24 TOWNSHIP : 1S
RANGE : 33W COUNTY : RAWLINS STATE : KANSAS
GAUGE SN# : 6233 RANGE : 4000 CLOCK : 12

INTERVAL FROM : 4172 TO : 4215 TOTAL DEPTH : 4215
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 4167 SIZE : 6.75
PACKER DEPTH : 4172 SIZE : 6.75
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : MURFIN RIG 2
MUD TYPE : MONPAC VISCOSITY : 50
WEIGHT : 9.3 WATER LOSS (CC) : 8
CHLORIDES (PPM) : 1000
JARS-MAKE : WTC SERIAL NUMBER : 420
DID WELL FLOW ? : NO REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 486 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 3657 FT I.D. inch : 3.80
TEST TOOL LENGTH : 29 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 43 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-NO BLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 10 FT OF: MUD / SCUM OF OIL IN TOP OF TOOL

CHLORIDES: 2000 PPM

Total Barrels Fluid = 0.05
Total Fluid Prod Rate = 1.13 BFPD
Indicated Wtr Rate = 0.11 BWPD

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

SET PACKER(S) :	1:50 AM	TIME STARTED OFF BOTTOM :	4:20 AM
WELL TEMPERATURE :	120		
INITIAL HYDROSTATIC PRESSURE		(A)	2099
INITIAL FLOW PERIOD MIN:	30	(B)	44 PSI TO (C) : 44
INITIAL CLOSED IN PERIOD MIN:	60	(D)	1184
FINAL FLOW PERIOD MIN:	30	(E)	48 PSI TO (F) : 53
FINAL CLOSED IN PERIOD MIN:	30	(G)	807
FINAL HYDROSTATIC PRESSURE		(H)	2099

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.
RIG : RAWLINS-KANSAS
FIELD : TIMM
WELL : #1
DATE : 1-18-88
GAUGE NO : 6233

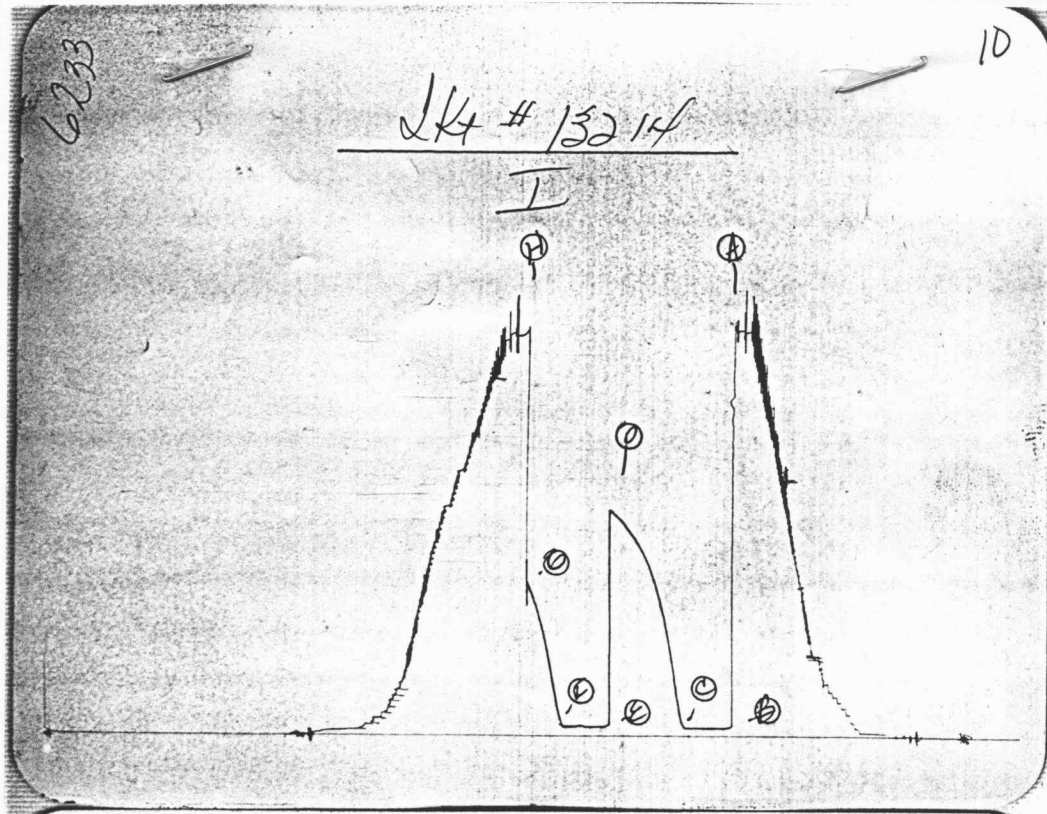
OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL CO. INC.
 WELL : #1
 GAUGE # : 6233
 DATE : 18/ 1/88

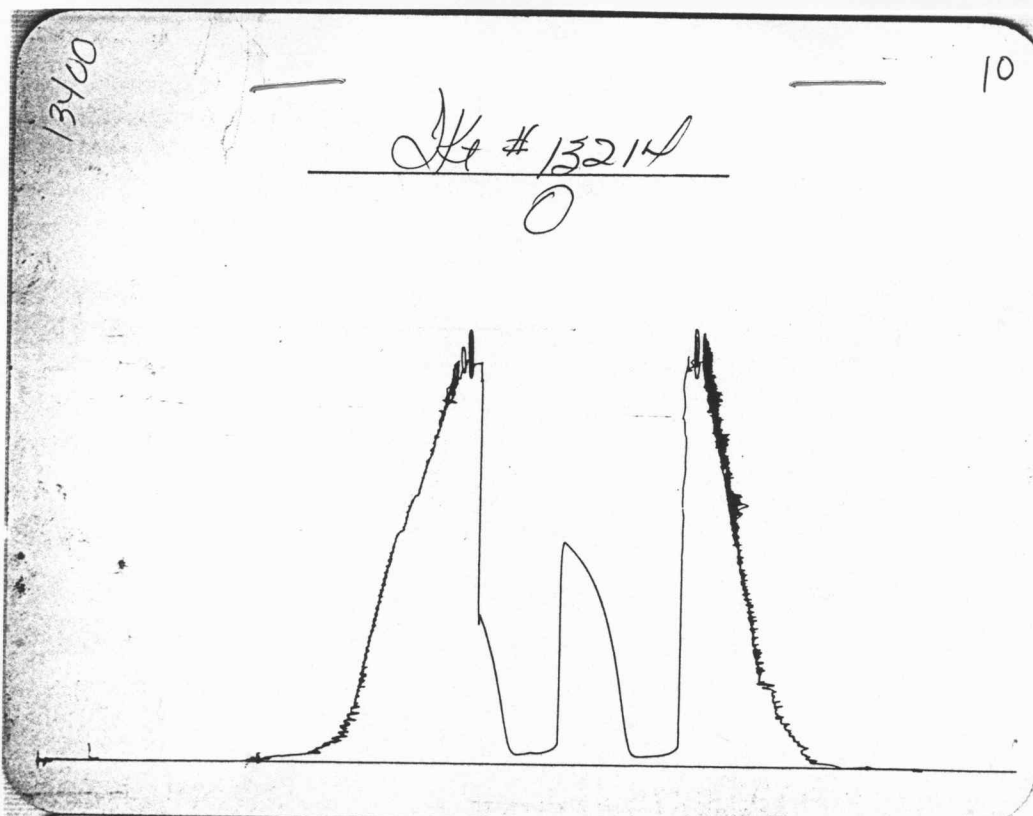
FIELD : TIMM
 JOB # : 13214
 DEPTH : 4215
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	1:50:0	0.000	44.000	120.00	0.000
2	1:54:59	0.083	44.000	120.00	0.000
3	2:0:0	0.167	44.000	120.00	0.000
4	2:5:0	0.250	44.000	120.00	0.000
5	2:9:59	0.333	44.000	120.00	0.000
6	2:15:0	0.417	44.000	120.00	0.000
7	2:20:0	0.500	44.000	120.00	0.000
8	2:23:0	0.550	44.000	120.00	0.000
9	2:26:0	0.600	62.000	120.00	18.000
10	2:29:0	0.650	156.000	120.00	94.000
11	2:32:0	0.700	280.000	120.00	124.000
12	2:35:0	0.750	408.000	120.00	128.000
13	2:38:0	0.800	513.000	120.00	105.000
14	2:41:0	0.850	616.000	120.00	103.000
15	2:44:0	0.900	708.000	120.00	92.000
16	2:47:0	0.950	782.000	120.00	74.000
17	2:50:0	1.000	844.000	120.00	62.000
18	2:53:0	1.050	907.000	120.00	63.000
19	2:56:0	1.100	949.000	120.00	42.000
20	2:59:0	1.150	989.000	120.00	40.000
21	3:2:0	1.200	1023.000	120.00	34.000
22	3:5:0	1.250	1056.000	120.00	33.000
23	3:8:0	1.300	1084.000	120.00	28.000
24	3:11:0	1.350	1112.000	120.00	28.000
25	3:14:0	1.400	1135.000	120.00	23.000
26	3:17:0	1.450	1156.000	120.00	21.000
27	3:20:0	1.500	1184.000	120.00	28.000
28	3:21:0	1.517	48.000	120.00	-1136.000
29	3:24:59	1.583	48.000	120.00	0.000
30	3:30:0	1.667	48.000	120.00	0.000
31	3:35:0	1.750	48.000	120.00	0.000
32	3:39:59	1.833	49.000	120.00	1.000
33	3:45:0	1.917	51.000	120.00	2.000
34	3:50:0	2.000	53.000	120.00	2.000
35	3:53:0	2.050	57.000	120.00	4.000
36	3:56:0	2.100	124.000	120.00	67.000
37	3:59:0	2.150	228.000	120.00	104.000
38	4:2:0	2.200	335.000	120.00	107.000
39	4:5:0	2.250	432.000	120.00	97.000
40	4:8:0	2.300	534.000	120.00	102.000
41	4:11:0	2.350	605.000	120.00	71.000
42	4:14:0	2.400	667.000	120.00	62.000
43	4:17:0	2.450	734.000	120.00	67.000
44	4:20:0	2.500	807.000	120.00	73.000

WESTERN TESTING CO. INC.



Inside Recorder



Outside Recorder