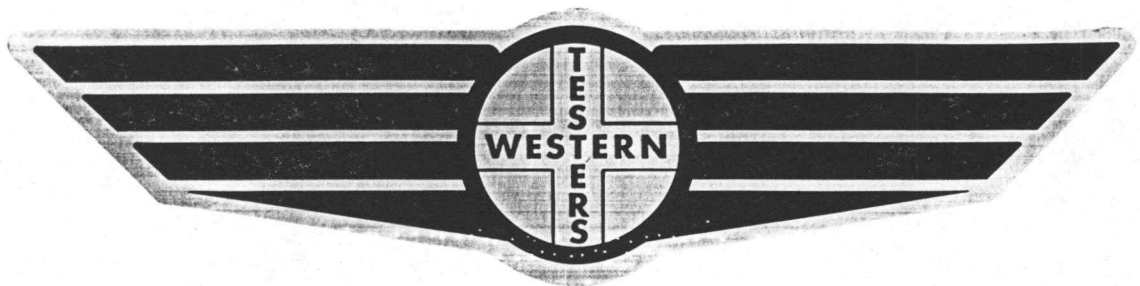


FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

JAY BOY OIL CO. INC.

LEASE & WELL NO.

FOSTER #1

SEC. 3

TWP. 24S

RGE. 2W

TEST NO. 1

DATE 11/20/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	:	11-20-88	TICKET	:	14124
CUSTOMER	:	JAY BOY OIL CO. INC.	LEASE	:	FOSTER
WELL	:	#1 TEST: 1	GEOLOGIST	:	M BRYAN
ELEVATION	:	1397 KB	FORMATION	:	SIMPSON SD
SECTION	:	3	TOWNSHIP	:	24S
RANGE	:	2W	STATE	:	KANSAS
GAUGE SN#	:	10270	CLOCK	:	12
		COUNTY :	HARVEY		
		RANGE :	4150		

INTERVAL FROM	:	3792	TO	:	3817	TOTAL DEPTH	:	3817
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3787	SIZE	:	6.63			
PACKER DEPTH	:	3792	SIZE	:	6.63			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	ALLEN	RIG	5			
MUD TYPE	:		VISCOSITY	:	50		
WEIGHT	:	9.5	WATER LOSS (CC)	:	-		
CHLORIDES (PPM)	:	25000					
JARS-MAKE	:	WTC	SERIAL NUMBER	:	100		
DID WELL FLOW ?	:	-	REVERSED OUT ?	:	YES		

DRILL COLLAR LENGTH	:	0	FT	I.D. inch	:	0.00
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3765	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	27	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	25	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 THROUGHOUT.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 2700 FT OF: WATER

RW = .18 @ 60 DEG.F.

CHLORIDES: 43000 PPM

Total Barrels Fluid = 37.87
Total Fluid Prod Rate = 779.06 BFPD
Indicated Wtr Rate = 779.06 BWPD

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

SET PACKER(S) : 3:10 AM

TIME STARTED OFF BOTTOM : 6:10 AM

WELL TEMPERATURE : 132

INITIAL HYDROSTATIC PRESSURE

(A) 2018

INITIAL FLOW PERIOD MIN: 35

(B) 352 PSI TO (C) : 1018

INITIAL CLOSED IN PERIOD MIN: 66

(D) 1474

FINAL FLOW PERIOD MIN: 35

(E) 1087 PSI TO (F) : 1323

FINAL CLOSED IN PERIOD MIN: 66

(G) 1478

FINAL HYDROSTATIC PRESSURE

(H) 1946

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.
RIG : HARVEY-KANSAS
FIELD : FOSTER
WELL : #1
DATE : 11-20-88
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 10270
DATE : 20/11/88

FIELD : FOSTER
JOB # : 14124
DEPTH : 3817
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	3:10: 0	0.000	352.000	132.00	0.000
3	3:14:59	0.083	406.000	132.00	54.000
4	3:20: 0	0.167	541.000	132.00	135.000
5	3:25: 0	0.250	663.000	132.00	122.000
6	3:29:59	0.333	778.000	132.00	115.000
7	3:35: 0	0.417	870.000	132.00	92.000
8	3:40: 0	0.500	950.000	132.00	80.000
9	3:44:59	0.583	1018.000	132.00	68.000
INITIAL SHUT-IN					
10	3:47:59	0.633	1317.000	132.00	299.000
11	3:50:59	0.683	1367.000	132.00	50.000
12	3:53:59	0.733	1395.000	132.00	28.000
13	3:56:59	0.783	1410.000	132.00	15.000
14	3:59:59	0.833	1421.000	132.00	11.000
15	4: 2:59	0.883	1430.000	132.00	9.000
16	4: 5:59	0.933	1439.000	132.00	9.000
17	4: 8:59	0.983	1448.000	132.00	9.000
18	4:11:59	1.033	1454.000	132.00	6.000
19	4:14:59	1.083	1457.000	132.00	3.000
20	4:17:59	1.133	1460.000	132.00	3.000
21	4:20:59	1.183	1462.000	132.00	2.000
22	4:23:59	1.233	1464.000	132.00	2.000
23	4:26:59	1.283	1466.000	132.00	2.000
24	4:29:59	1.333	1468.000	132.00	2.000
25	4:32:59	1.383	1469.000	132.00	1.000
26	4:35:59	1.433	1470.000	132.00	1.000
27	4:38:59	1.483	1471.000	132.00	1.000
28	4:41:59	1.533	1472.000	132.00	1.000
29	4:44:59	1.583	1473.000	132.00	1.000
30	4:47:59	1.633	1474.000	132.00	1.000
31	4:50:59	1.683	1474.000	132.00	0.000
FINAL FLOW					
32	4:52: 0	1.700	1087.000	132.00	-387.000
33	4:55:59	1.767	1107.000	132.00	20.000
34	5: 1: 0	1.850	1161.000	132.00	54.000
35	5: 5:59	1.933	1207.000	132.00	46.000
36	5:10:59	2.017	1248.000	132.00	41.000
37	5:16: 0	2.100	1284.000	132.00	36.000
38	5:20:59	2.183	1311.000	132.00	27.000
39	5:25:59	2.267	1323.000	132.00	12.000
FINAL SHUT-IN					
40	5:28:59	2.317	1466.000	132.00	143.000
41	5:31:59	2.367	1435.000	132.00	-31.000
42	5:34:59	2.417	1443.000	132.00	8.000
43	5:37:59	2.467	1452.000	132.00	9.000
44	5:40:59	2.517	1457.000	132.00	5.000
45	5:43:59	2.567	1461.000	132.00	4.000
46	5:46:59	2.617	1465.000	132.00	4.000
47	5:49:59	2.667	1469.000	132.00	4.000
48	5:52:59	2.717	1472.000	132.00	3.000

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 10270
DATE : 20/11/88

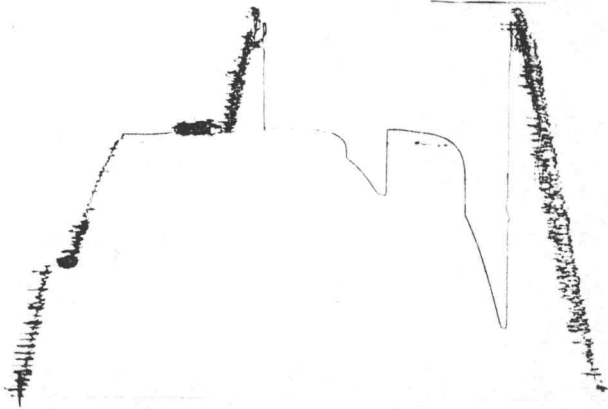
FIELD : FOSTER
JOB # : 14124
DEPTH : 3817
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	5:55:59	2.767	1474.000	132.00	2.000
50	5:58:59	2.817	1475.000	132.00	1.000
51	6: 1:59	2.867	1476.000	132.00	1.000
52	6: 4:59	2.917	1477.000	132.00	1.000
53	6: 7:59	2.967	1478.000	132.00	1.000
54	6:10:59	3.017	1478.000	132.00	0.000
55	6:13:59	3.067	1478.000	132.00	0.000
56	6:16:59	3.117	1478.000	132.00	0.000
57	6:19:59	3.167	1478.000	132.00	0.000
58	6:22:59	3.217	1478.000	132.00	0.000
59	6:25:59	3.267	1478.000	132.00	0.000
60	6:28:59	3.317	1478.000	132.00	0.000
61	6:31:59	3.367	1478.000	132.00	0.000

WESTERN TESTING CO. INC.

TK # 14124

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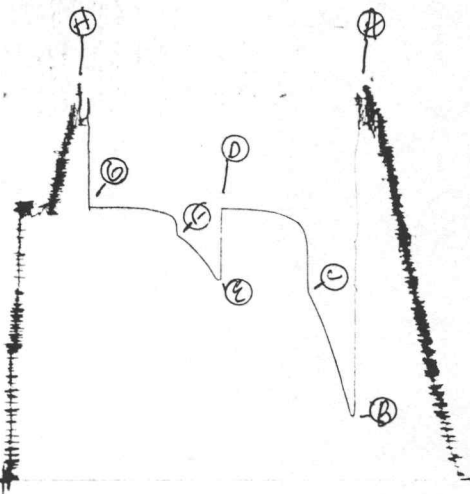


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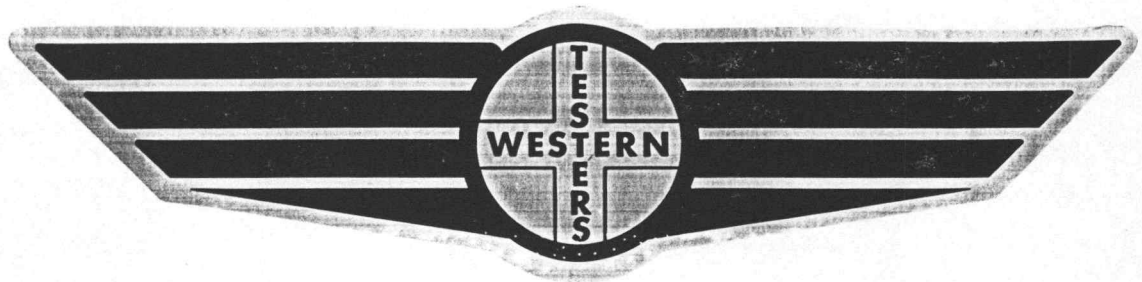
TKT # 14124

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DST.#
10270

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

COMPANY

JAY BOY OIL CO. INC.

LEASE & WELL NO.

FOSTER #1

SEC. 3

TWP. 24S RGE. 2W

TEST NO. 2

DATE 11/20/88

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 11-20-88	TICKET	: 14125
CUSTOMER	: JAY BOY OIL CO. INC.	LEASE	: FOSTER
WELL	: #1 TEST: 2	GEOLOGIST	: D.D.M??
ELEVATION	: 1397 KB	FORMATION	: SIMPSON SD
SECTION	: 3	TOWNSHIP	: 24S
RANGE	: 2W	STATE	: KANSAS
GAUGE SN#	: 10270	CLOCK	: 12
COUNTY	: HARVEY		
RANGE	: 4150		

INTERVAL FROM	: 3824	TO	: 3836	TOTAL DEPTH	: 3836
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3819	SIZE	: 6.63		
PACKER DEPTH	: 3824	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN RIG 5		
MUD TYPE	: STARCH	VISCOSITY	: 50
WEIGHT	: 9.5	WATER LOSS (CC)	: 15.2
CHLORIDES (PPM)	: 30000		
JARS-MAKE	: WTC	SERIAL NUMBER	: 100
DID WELL FLOW ?	: -	REVERSED OUT ?	: YES

DRILL COLLAR LENGTH	: 0 FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 0 FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 3797 FT	I.D. inch	: 3.80
TEST TOOL LENGTH	: 27 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-STRONG BLOW THROUGHOUT.
BLOW COMMENT #2 : FINAL FLOW-STRONG BLOW THROUGHOUT.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 2600 FT OF: WATER

RW = .22 @ 60 DEG.F.
CHLORIDES: 35000 PPM

Total Barrels Fluid = 36.47
Total Fluid Prod Rate = 875.24 BFPD
Indicated Wtr Rate = 875.24 BWPD

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

SET PACKER(S) : 7:00 PM

TIME STARTED OFF BOTTOM : 10:00 PM

WELL TEMPERATURE : 133

INITIAL HYDROSTATIC PRESSURE

INITIAL FLOW PERIOD MIN: 30

(A) 2010

INITIAL CLOSED IN PERIOD MIN: 60

(B) 266

PSI TO (C) : 875

FINAL FLOW PERIOD MIN: 30

(D) 1466

FINAL CLOSED IN PERIOD MIN: 60

(E) 935

PSI TO (F) : 1228

FINAL HYDROSTATIC PRESSURE

(G) 1475

(H) 1943

WESTERN TESTING CO. INC.
WICHITA-KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.
RIG : HARVEY-KANSAS
FIELD : FOSTER
WELL : #1
DATE : 11-20-88
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL CO. INC.
 WELL : #1
 GAUGE # : 10270
 DATE : 20/11/88

FIELD : FOSTER
 JOB # : 14125
 DEPTH : 3836
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
INITIAL FLOW					
2	7: 0: 0	0.000	266.000	133.00	0.000
3	7: 4: 59	0.083	325.000	133.00	59.000
4	7:10: 0	0.167	460.000	133.00	135.000
5	7:15: 0	0.250	593.000	133.00	133.000
6	7:19: 59	0.333	699.000	133.00	106.000
7	7:25: 0	0.417	790.000	133.00	91.000
8	7:30: 0	0.500	875.000	133.00	85.000
INITIAL SHUT-IN					
9	7:33: 0	0.550	1300.000	133.00	425.000
10	7:36: 0	0.600	1342.000	133.00	42.000
11	7:39: 0	0.650	1365.000	133.00	23.000
12	7:42: 0	0.700	1387.000	133.00	22.000
13	7:45: 0	0.750	1402.000	133.00	15.000
14	7:48: 0	0.800	1412.000	133.00	10.000
15	7:51: 0	0.850	1421.000	133.00	9.000
16	7:54: 0	0.900	1426.000	133.00	5.000
17	7:57: 0	0.950	1431.000	133.00	5.000
18	8: 0: 0	1.000	1435.000	133.00	4.000
19	8: 2: 59	1.050	1439.000	133.00	4.000
20	8: 6: 0	1.100	1443.000	133.00	4.000
21	8: 9: 0	1.150	1448.000	133.00	5.000
22	8:12: 0	1.200	1455.000	133.00	7.000
23	8:15: 0	1.250	1458.000	133.00	3.000
24	8:18: 0	1.300	1461.000	133.00	3.000
25	8:21: 0	1.350	1463.000	133.00	2.000
26	8:24: 0	1.400	1464.000	133.00	1.000
27	8:27: 0	1.450	1465.000	133.00	1.000
28	8:30: 0	1.500	1466.000	133.00	1.000
FINAL FLOW					
29	8:31: 0	1.517	935.000	133.00	-531.000
30	8:34: 59	1.583	977.000	133.00	42.000
31	8:40: 0	1.667	1043.000	133.00	66.000
32	8:45: 0	1.750	1101.000	133.00	58.000
33	8:49: 59	1.833	1149.000	133.00	48.000
34	8:55: 0	1.917	1195.000	133.00	46.000
35	9: 0: 0	2.000	1228.000	133.00	33.000
FINAL SHUT-IN					
36	9: 3: 0	2.050	1404.000	133.00	176.000
37	9: 5: 59	2.100	1420.000	133.00	16.000
38	9: 9: 0	2.150	1429.000	133.00	9.000
39	9:12: 0	2.200	1436.000	133.00	7.000
40	9:15: 0	2.250	1441.000	133.00	5.000
41	9:18: 0	2.300	1447.000	133.00	6.000
42	9:21: 0	2.350	1450.000	133.00	3.000
43	9:24: 0	2.400	1453.000	133.00	3.000
44	9:27: 0	2.450	1456.000	133.00	3.000
45	9:30: 0	2.500	1456.000	133.00	0.000
46	9:33: 0	2.550	1456.000	133.00	0.000
47	9:36: 0	2.600	1459.000	133.00	3.000
48	9:39: 0	2.650	1461.000	133.00	2.000

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 10270
DATE : 20/11/88

FIELD : FOSTER
JOB # : 14125
DEPTH : 3836
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
49	9:42: 0	2.700	1464.000	133.00	3.000
50	9:45: 0	2.750	1466.000	133.00	2.000
51	9:48: 0	2.800	1468.000	133.00	2.000
52	9:51: 0	2.850	1470.000	133.00	2.000
53	9:54: 0	2.900	1472.000	133.00	2.000
54	9:57: 0	2.950	1474.000	133.00	2.000
55	10: 0: 0	3.000	1475.000	133.00	1.000

WESTERN TESTING CO. INC.

TKT # 14125

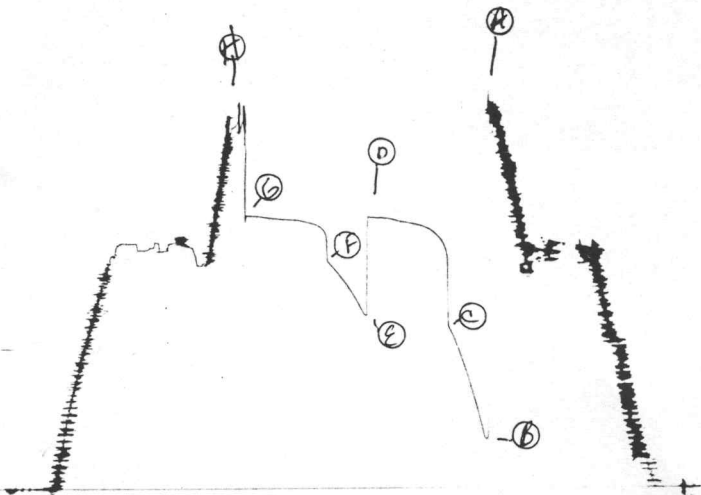
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12-18

TKT # 14125

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OST # 2