WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 13396

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201

Elevation 1466 K.B Formation Miss Eff. Pay Ft.

3015 New Dallas

District 6t Bend Date 7-12-87 Customer Order No.

COMPANY NAME Jay Boy Oil Co Inc

ADDRESS Fourth Financial Center Suite 535 Wichita Ks 67202

LEASE AND WELL NO. Elsi Stucker #1 COUNTY McPherson STATE Ks Sec. 11 Twp. 21 Rge. 3 W

Mail Invoice To Same As Above Elsie Stucky #1 No. Copies Requested 9
Co. Name Address

Mail Charts To Jay Boy Oil Co Inc same As Above 0 No. Copies Requested 6
Phoenix Int Corp. same As Above only Suite 530- 3

Formation Test No. 1 Interval Tested From 3158 ft. to 3177 ft. Total Depth 3177 ft.

Packer Depth 3153 ft. Size 6 5/8 in. Packer Depth 3158 ft. Size 6 5/8 in.

Packer Depth ft. Size in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3168 ft. Recorder Number 4376 Cap. 4000

Bottom Recorder Depth (Outside) 3172 ft. Recorder Number 13759 Cap. 3900

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Allen Drlg Rig #3

Mud Type Chemical Viscosity 43

Weight 9.3 Water Loss 8. cc.

Chlorides 3000 P.P.M.

Kelly: Make Serial Number

Did Well Flow? Reversed Out

Drill Collar Length I. D. in.

Weight Pipe Length I. D. in.

Drill Pipe Length 3136 I. D. 3.8 in.

Test Tool Length 22 ft. Tool Size 4 3/4 in.

Anchor Length 19 ft. Size 5 1/2 in.

Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Pre Flow - 1/4" Increased To 2"
2nd Flow - No Blow For 20 min into Flow Period and Then 1/8" rest of Flow

Recovered 60 ft. of Thin Wtry Mud 34000 ppm Chlorides

Recovered 30 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Chlorides 34000 P.P.M. Sample Jars used 3 Remarks:

23

Time On Location 4:40 A.M. / P.M. Time Pick Up Tool 5:15 A.M. / P.M. Time Off Location A.M. / P.M.

Time Set Packer(s) 6:30 A.M. / P.M. Time Started Off Bottom 10:38 A.M. / P.M. Maximum Temperature 110

Initial Hydrostatic Pressure		(A)	1518	P.S.I.		
Initial Flow Period	Minutes 48	(B)	28	P.S.I. to (C)	40	P.S.I.
Initial Closed In Period	Minutes 60	(D)	657	P.S.I.		
Final Flow Period	Minutes 45	(E)	42	P.S.I. to (F)	52	P.S.I.
Final Closed In Period	Minutes 90	(G)	657	P.S.I.		
Final Hydrostatic Pressure		(H)	1487	P.S.I.		

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Stan Davis
Signature of Customer or his authorized representative

Western Representative Mark Knipe

Thank You!

FIELD INVOICE

Open Hole Test	$ 450.-
Misrun	$
Straddle Test	$
Jars	$
Selective Zone	$
Safety Joint	$
Standby	$
Evaluation	$
Extra Packer	$
Circ. Sub.	$
Mileage	$
Fluid Sampler	$
Extra Charts	$ 15
Insurance	$
Telecopier	$
TOTAL	$

WESTERN TESTING CO., INC.

Pressure Data

Date 7-12-87 Test Ticket No. 12296

Recorder No. 4356 Capacity 4000 Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature 110 °F

Point		Pressure			Time Given	Time Computed
A	Initial Hydrostatic Mud	1518	P.S.I.	Open Tool	6:30 PM	
B	First Initial Flow Pressure	33	P.S.I.	First Flow Pressure	48 Mins.	50 Mins.
C	First Final Flow Pressure	44	P.S.I.	Initial Closed-in Pressure	60 Mins.	57 Mins.
D	Initial Closed-in Pressure	662	P.S.I.	Second Flow Pressure	45 Mins.	50 Mins.
E	Second Initial Flow Pressure	60	P.S.I.	Final Closed-in Pressure	90 Mins.	90 Mins.
F	Second Final Flow Pressure	68	P.S.I.			
G	Final Closed-in Pressure	665	P.S.I.			
H	Final Hydrostatic Mud	1510	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	33	0	44	0	60	0	68
P 2 5		3	442	5		3	295
P 3 10	33	6	544	10		6	503
P 4 15	34	9	579	15		9	563
P 5 20	35	12	595	20	60	12	590
P 6 25	36	15	614	25	61	15	606
P 7 30	38	18	625	30	62	18	617
P 8 35	40	21	631	35	63	21	626
P 9 40	42	24	637	40	66	24	631
P10 45	43	27	642	45	67	27	636
P11 50	44	30	647	50	68	30	640
P12 55		33	650	55		33	644
P13 60		36	652	60		36	648
P14 65		39	654	65		39	650
P15 70		42	656	70		42	652
P16 75		45	658	75		45	653
P17 80		48	659	80		48	654
P18 85		51	660	85		51	655
P19 90		54	661	90		54	657
P20 95		57	662	95		57	659
100		60		100		60	660

WESTERN TESTING CO., INC.
Pressure Data

Date _____ Test Ticket No. 13396

Recorder No. _____ Capacity _____ Location _____ Ft.

Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	P.S.I.	Open Tool	M	
B First Initial Flow Pressure	P.S.I.	First Flow Pressure	Mins.	Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure	Mins.	Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure	Mins.	Mins.
E Second Initial Flow Pressure	P.S.I.	Final Closed-in Pressure	Mins.	Mins.
F Second Final Flow Pressure	P.S.I.			
G Final Closed-in Pressure	P.S.I.			
H Final Hydrostatic Mud	P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.		Breakdown: ____ Inc.	
of 5 mins. and a		of 3 mins. and a		of 5 mins. and a		of 3 mins. and a	
final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.		final inc. of 0 Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 105		63		105		63	1604
P 2 110		66		110		66	1602
P 3 115		69		115		69	1603
P 4 120		72		120		72	1604
P 5 125		75		125		75	1605
P 6 130		78		130		78	
P 7 135		81		135		81	
P 8 140		84		140		84	1605
P 9 145		87		145		87	1605
P10 150		90		150		90	1605
P11 155		93		155		93	
P12 160		96		160		96	
P13 165		99		165		99	
P14 170		102		170		102	
P15 175		105		175		105	
P16 180		108		180		108	
P17 185		111		185		111	
P18 190		114		190		114	
P19 195		117		195		117	
P20 200		120		200		120	

COMPANY JAY BOY OIL, INC. LEASE & WELL NO. ELSIE STUCKY #1 SEC. 11 TWP. 21S RGE. 3W TEST NO. 1 DATE 7/12/87

FORMATION TEST REPORT



Home Office:

P.O. Box 1599

Wichita, Kansas 67201

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE	: 7-12-87			TICKET	: 13396
CUSTOMER	: JAY BOY OIL INC.			LEASE	: ELSIE STUCKY
WELL	: #1 TEST: 1			GEOLOGIST	: S. DAVIS
ELEVATION	: 1466 KB			FORMATION	: MISSISSIPPI
SECTION	: 11			TOWNSHIP	: 21S
RANGE	: 3W	COUNTY	: McPHERSON	STATE	: KANSAS
GAUGE SN#	: 4376	RANGE	: 4000	CLOCK	: 12

INTERVAL FROM	: 3158	TO	: 3177	TOTAL DEPTH	: 3177
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 3153	SIZE	: 6.63		
PACKER DEPTH	: 3158	SIZE	: 6.63		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: ALLEN DRLG. RIG #3		
MUD TYPE	: CHEMICAL	VISCOSITY	: 43
WEIGHT	: 9.3	WATER LOSS (CC)	: 8.
CHLORIDES (PPM)	: 3000		
JARS-MAKE	: -	SERIAL NUMBER	: -
DID WELL FLOW ?	:	REVERSED OUT ?	:

DRILL COLLAR LENGTH	: 0	FT	I.D. inch	: 0.00	
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00	
DRILL PIPE LENGTH	: 3136	FT	I.D. inch	: 3.80	
TEST TOOL LENGTH	: 22	FT	TOOL SIZE	: 4.75	
ANCHOR LENGTH	: 19	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-1/4" BLOW INCREASED TO 2" BLOW.
BLOW COMMENT #2 : FINAL FLOW-NO BLOW FOR 20 MINUTESAND THE 1/8" BLOW FOR REMAINDER OF FLOW.
BLOW COMMENT #3 :
BLOW COMMENT #4 :

RECOVERED : 60 FT OF: THIN WATERY MUD
RECOVERED : 30 FT OF: MUD

CHLORIDES: 34000 PPM

Total Barrels Fluid = 1.26
Total Fluid Prod Rate = 18.18 BFPD
Indicated Wtr Rate = 4.65 BWPD

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

SET PACKER(S) : 6:30 PM TIME STARTED OFF BOTTOM : 10:38 PM
WELL TEMPERATURE : 110

INITIAL HYDROSTATIC PRESSURE			(A)	1518	
INITIAL FLOW PERIOD	MIN:	50	(B)	33	PSI TO (C) : 44
INITIAL CLOSED IN PERIOD	MIN:	57	(D)	662	
FINAL FLOW PERIOD	MIN:	50	(E)	60	PSI TO (F) : 68
FINAL CLOSED IN PERIOD	MIN:	90	(G)	665	
FINAL HYDROSTATIC PRESSURE			(H)	1510	

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY	:	JAY BOY OIL INC.
RIG	:	McPHERSON-KANSAS
FIELD	:	ELSIE STUCKY
WELL	:	#1
DATE	:	7-12-87
GAUGE NO	:	4376

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL INC.
WELL : #1
GAUGE # : 4376
DATE : 12/ 7/87

FIELD : ELSIE STUCKY
JOB # : 13396
DEPTH : 3177
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
1	6:30: 0	0.000	33.000	110.00	0.000
2	6:34:59	0.083	33.000	110.00	0.000
3	6:40: 0	0.167	33.000	110.00	0.000
4	6:45: 0	0.250	34.000	110.00	1.000
5	6:49:59	0.333	35.000	110.00	1.000
6	6:55: 0	0.417	36.000	110.00	1.000
7	7: 0: 0	0.500	38.000	110.00	2.000
8	7: 4:59	0.583	40.000	110.00	2.000
9	7:10: 0	0.667	42.000	110.00	2.000
10	7:15: 0	0.750	43.000	110.00	1.000
11	7:19:59	0.833	44.000	110.00	1.000
12	7:22:59	0.883	442.000	110.00	398.000
13	7:25:59	0.933	544.000	110.00	102.000
14	7:28:59	0.983	579.000	110.00	35.000
15	7:31:59	1.033	599.000	110.00	20.000
16	7:34:59	1.083	614.000	110.00	15.000
17	7:37:59	1.133	625.000	110.00	11.000
18	7:40:59	1.183	631.000	110.00	6.000
19	7:43:59	1.233	637.000	110.00	6.000
20	7:46:59	1.283	642.000	110.00	5.000
21	7:49:59	1.333	647.000	110.00	5.000
22	7:52:59	1.383	650.000	110.00	3.000
23	7:55:59	1.433	652.000	110.00	2.000
24	7:58:59	1.483	654.000	110.00	2.000
25	8: 1:59	1.533	656.000	110.00	2.000
26	8: 4:59	1.583	658.000	110.00	2.000
27	8: 7:59	1.633	659.000	110.00	1.000
28	8:10:59	1.683	660.000	110.00	1.000
29	8:13:59	1.733	661.000	110.00	1.000
30	8:16:59	1.783	662.000	110.00	1.000
31	8:18: 0	1.800	60.000	110.00	-602.000
32	8:21:59	1.867	60.000	110.00	0.000
33	8:27: 0	1.950	60.000	110.00	0.000
34	8:31:59	2.033	60.000	110.00	0.000
35	8:36:59	2.117	60.000	110.00	0.000
36	8:41:59	2.200	61.000	110.00	1.000
37	8:46:59	2.283	63.000	110.00	2.000
38	8:51:59	2.367	65.000	110.00	2.000
39	8:56:59	2.450	66.000	110.00	1.000
40	9: 1:59	2.533	67.000	110.00	1.000
41	9: 6:59	2.617	68.000	110.00	1.000
42	9: 9:59	2.667	295.000	110.00	227.000
43	9:12:59	2.717	503.000	110.00	208.000
44	9:15:59	2.767	563.000	110.00	60.000
45	9:18:59	2.817	590.000	110.00	27.000
46	9:21:59	2.867	606.000	110.00	16.000
47	9:24:59	2.917	617.000	110.00	11.000
48	9:27:59	2.967	626.000	110.00	9.000
49	9:30:59	3.017	631.000	110.00	5.000
50	9:33:59	3.067	636.000	110.00	5.000
51	9:36:59	3.117	640.000	110.00	4.000
52	9:39:59	3.167	644.000	110.00	4.000

COMPANY : JAY BOY OIL INC.
WELL : #1
GAUGE # : 4376
DATE : 12/ 7/87

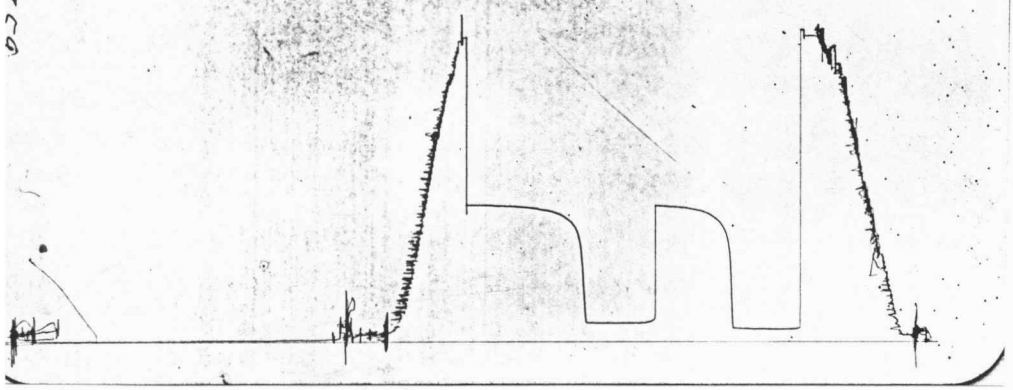
FIELD : ELSIE STUCKY
JOB # : 13396
DEPTH : 3177
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9:42:59	3.217	648.000	110.00	4.000
54	9:45:59	3.267	650.000	110.00	2.000
55	9:48:59	3.317	652.000	110.00	2.000
56	9:51:59	3.367	653.000	110.00	1.000
57	9:54:59	3.417	654.000	110.00	1.000
58	9:57:59	3.467	655.000	110.00	1.000
59	10: 0:59	3.517	657.000	110.00	2.000
60	10: 3:59	3.567	659.000	110.00	2.000
61	10: 6:59	3.617	660.000	110.00	1.000
62	10: 9:59	3.667	661.000	110.00	1.000
63	10:12:59	3.717	662.000	110.00	1.000
64	10:15:59	3.767	663.000	110.00	1.000
65	10:18:59	3.817	664.000	110.00	1.000
66	10:21:59	3.867	665.000	110.00	1.000
67	10:24:59	3.917	665.000	110.00	0.000
68	10:27:59	3.967	665.000	110.00	0.000
69	10:30:59	4.017	665.000	110.00	0.000
70	10:33:59	4.067	665.000	110.00	0.000
71	10:36:59	4.117	665.000	110.00	0.000

WESTERN TESTING CO. INC.

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