



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 11135

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

Elevation 1437 CL Formation Miss Eff. Pay Ft.

District GT. Bend Date 12-8-87 Customer Order No.
COMPANY NAME J015 Jay Boy Oil Co., Inc.
ADDRESS 100 N. Broadway, Suite 535 Wichita, Ks. 67202
LEASE AND WELL NO. KAUFMAN #1 COUNTY McPherson STATE Ks. Sec. 15 Twp. 21 Rge. 3W
Mail Invoice To 6 copies To Jay Boy 3 copies To Phe No. Copies Requested 9
Co. Name Lynn Kaufman #111 Address 11 No. Copies Requested 9
Mail Charts To Address

Formation Test No. 2 Interval Tested From 3074 ft. to 3088 ft. Total Depth 3088 ft.
Packer Depth 3069 ft. Size 6 5/8 in. Packer Depth = ft. Size = in.
Packer Depth 3074 ft. Size 6 5/8 in. Packer Depth = ft. Size = in.
Depth of Selective Zone Set
Top Recorder Depth (Inside) 3077 ft. Recorder Number 10270 Cap. 4150
Bottom Recorder Depth (Outside) 3080 ft. Recorder Number 13268 Cap. 4225
Below Straddle Recorder Depth = ft. Recorder Number = Cap. =
Drilling Contractor Allen rig 4 Drill Collar Length 330 I. D. 2.2 in.
Mud Type Chemical Viscosity 44 Weight Pipe Length = I. D. = in.
Weight 9.1 Water Loss 7.6 cc. Drill Pipe Length 2724 I. D. 3.8 in.
Chlorides 2,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.
Jars: Make = Serial Number = Anchor Length 14 ft. Size 5 1/2 in.
Did Well Flow? GAS Reversed Out NO 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 X 4 in.

Blow: IF - STRONG BLOW GAS TO SURFACE in 23 min
FF - GAS TO SURFACE

Recovered 80 ft. of OIL & GAS cut muddy water 7% oil 23% gas 29% mud 41% water
Recovered 30 ft. of OIL cut mud 4% oil 26% water 70% mud
Recovered 60 ft. of OIL & GAS cut muddy water 17% oil 10% gas 12% mud 61% water
Recovered 60 ft. of OIL cut muddy water 6% oil 3% mud 91% water
Chlorides 44,000 P.P.M. Sample Jars used 4 Remarks: 20 out 130 out

R+W = .65 at 58'
Time On Location A.M. P.M. Time Pick Up Tool 5:15 A.M. P.M. Time Off Location 12:30 A.M. P.M.
Time Set Packer(s) 6:40 A.M. P.M. Time Started Off Bottom 9:55 A.M. P.M. Maximum Temperature 105
Initial Hydrostatic Pressure (A) 1464 P.S.I.
Initial Flow Period Minutes 30 (B) 41 P.S.I. to (C) 41 P.S.I.
Initial Closed In Period Minutes 60 (D) 572 P.S.I.
Final Flow Period Minutes 45 (E) 62 P.S.I. to (F) 72 P.S.I.
Final Closed In Period Minutes 60 (G) 500 P.S.I.
Final Hydrostatic Pressure (H) 1464 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: [Signature]
Signature of Customer or his authorized representative
Western Representative: Ray Schwager Thank you
1925

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 \$ 20
Insurance \$
Telecopier \$
TOTAL \$

Phone 316 262-5861



P. O. Box 1599

WICHITA, KANSAS 67201

Nº 5599

GAS FLOW REPORT

Date 12-8-87 Ticket 11135 Company JAY BOY OIL, INC
 Well Name and No. KAUFMAN #1 Dst No. 2 Interval Tested 3074-3088
 County McPherson State Ks. Sec. 15 Twp. 21^s Rg. 3^w

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
PRE FLOW					
<i>9ASTO SURFACE IN 23 MIN.</i>					
<i>25</i>	<i>H2O GAUGE 5</i>	<i>1/4"</i>			<i>3710 CFPD</i>

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
SECOND FLOW					
<i>10</i>	<i>17</i>	<i>1/4"</i>			<i>6930 CFPD</i>
<i>20</i>	<i>24</i>	<i>1/4"</i>			<i>8,220 "</i>
<i>30</i>	<i>24</i>	<i>1/4"</i>			<i>8,220 "</i>
<i>40</i>	<i>24</i>	<i>1/4"</i>			<i>8,220 "</i>
<i>45</i>	<i>24</i>	<i>1/4"</i>			<i>8,220 "</i>

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced _____

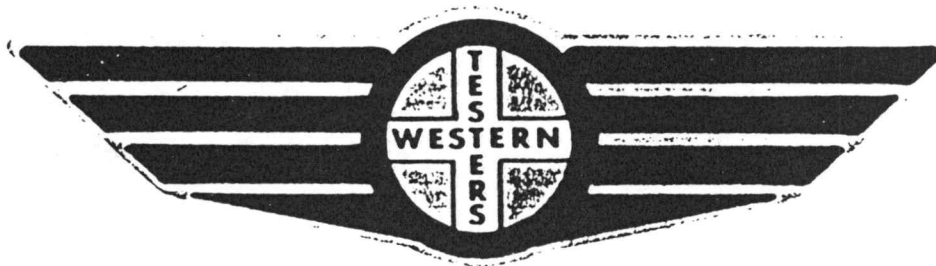
Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME _____

Authorized by _____

FORMATION TEST REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE : 12-8-87 TICKET : 11135
CUSTOMER : JAY BOY OIL CO. INC. LEASE : LYNN KAUFMAN
WELL : #1 TEST: 2 GEOLOGIST : S. DAVIS
ELEVATION : 1437 GL FORMATION : MISSISSIPPI
SECTION : 15 TOWNSHIP : 21S
RANGE : 3W COUNTY : McPHERSON STATE : KANSAS
GAUGE SN# : 10270 RANGE : 4150 CLOCK : 12

INTERVAL FROM : 3074 TO : 3088 TOTAL DEPTH : 3088
DEPTH OF SELECTIVE ZONE :
PACKER DEPTH : 3069 SIZE : 6.63
PACKER DEPTH : 3074 SIZE : 6.63
PACKER DEPTH : SIZE :
PACKER DEPTH : SIZE :

DRILLING CON. : ALLEN RIG #4
MUD TYPE : CHEMICAL VISCOSITY : 44
WEIGHT : 9.1 WATER LOSS (CC) : 7.6
CHLORIDES (PPM) : 2000
JARS-MAKE : - SERIAL NUMBER :
DID WELL FLOW ? : GAS REVERSED OUT ? : NO

DRILL COLLAR LENGTH : 330 FT I.D. inch : 2.20
WEIGHT PIPE LENGTH : 0 FT I.D. inch : 0.00
DRILL PIPE LENGTH : 2724 FT I.D. inch : 3.80
TEST TOOL LENGTH : 20 FT TOOL SIZE : 5.50
ANCHOR LENGTH : 14 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-GAS TO SURFACE IN 23 MINUTES.
BLOW COMMENT #2 : FINAL FLOW-GAS TO SURFACE.
BLOW COMMENT #3 : SEE ATTACHED GAS FLOW CHART.
BLOW COMMENT #4 :

GAS FLOW REPORT

Date : 12-8-87 Ticket # : 11135
 Customer : JAY BOY OIL CO. INC. Lease : LYNN KAUFMAN
 Well : #1 Test : 2 Geologist : S. DAVIS
 Elevation (KB) : 1442 Formation : MISSISSIPPI
 Section : 15 Township : 21S
 Range : 3W County : McPHERSON State : KANSAS
 Gauge SN # : 10270 Range : 4150 Clock : 12

TIME GAUGE (MIN)	TESTER TYPE	ORFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
PRE FLOW				
23	MERLA	1/4"	5	INCH OF WTRGAS TO SURFACE
25				3710 CFPD
SECOND FLOW				
10	MERLA	1/4"	17 "	OF WTR6930 CFPD
20			24	8220 CFPD
30			24	8220 CFPD
40			24	8220 CFPD
45			24	8220 CFPD

Gas Bottle SN # :
 Date Bottle Filled : 12-8-87
 Date to be Invoiced :

WESTERN TESTING CO. INC.
WICHITA - KANSAS

Pressure Transient Report

COMPANY : JAY BOY OIL CO. INC.
RIG : McPHERSON-KANSAS
FIELD : LYNN KAUFMAN
WELL : #1
DATE : 12-8-87
GAUGE NO : 10270

OPERATIONAL COMMENTS

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 10270
DATE : 8/12/87

FIELD : LYNN KAUFMAN
JOB # : 11135
DEPTH : 3088
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P $P_i - P_{(i-1)}$
1	6:40:0	0.000	40.000	105.00	0.000
2	6:44:59	0.083	40.000	105.00	0.000
3	6:50:0	0.167	40.000	105.00	0.000
4	6:55:0	0.250	40.000	105.00	0.000
5	6:59:59	0.333	40.000	105.00	0.000
6	7:5:0	0.417	41.000	105.00	1.000
7	7:10:0	0.500	42.000	105.00	1.000
8	7:13:0	0.550	262.000	105.00	220.000
9	7:16:0	0.600	351.000	105.00	89.000
10	7:19:0	0.650	406.000	105.00	55.000
11	7:22:0	0.700	438.000	105.00	32.000
12	7:25:0	0.750	458.000	105.00	20.000
13	7:28:0	0.800	477.000	105.00	19.000
14	7:31:0	0.850	490.000	105.00	13.000
15	7:34:0	0.900	500.000	105.00	10.000
16	7:37:0	0.950	508.000	105.00	8.000
17	7:40:0	1.000	518.000	105.00	10.000
18	7:43:0	1.050	524.000	105.00	6.000
19	7:46:0	1.100	527.000	105.00	3.000
20	7:49:0	1.150	533.000	105.00	6.000
21	7:52:0	1.200	538.000	105.00	5.000
22	7:55:0	1.250	538.000	105.00	0.000
23	7:58:0	1.300	540.000	105.00	2.000
24	8:1:0	1.350	546.000	105.00	6.000
25	8:4:0	1.400	549.000	105.00	3.000
26	8:7:0	1.450	552.000	105.00	3.000
27	8:10:0	1.500	555.000	105.00	3.000
28	8:11:0	1.517	58.000	105.00	-497.000
29	8:14:59	1.583	58.000	105.00	0.000
30	8:20:0	1.667	58.000	105.00	0.000
31	8:25:0	1.750	58.000	105.00	0.000
32	8:29:59	1.833	59.000	105.00	1.000
33	8:35:0	1.917	60.000	105.00	1.000
34	8:40:0	2.000	62.000	105.00	2.000
35	8:44:59	2.083	64.000	105.00	2.000
36	8:50:0	2.167	66.000	105.00	2.000
37	8:55:0	2.250	68.000	105.00	2.000
38	8:58:0	2.300	192.000	105.00	124.000
39	9:1:0	2.350	282.000	105.00	90.000
40	9:4:0	2.400	323.000	105.00	41.000
41	9:7:0	2.450	352.000	105.00	29.000
42	9:10:0	2.500	375.000	105.00	23.000
43	9:13:0	2.550	396.000	105.00	21.000
44	9:16:0	2.600	408.000	105.00	12.000
45	9:19:0	2.650	420.000	105.00	12.000
46	9:22:0	2.700	430.000	105.00	10.000
47	9:25:0	2.750	441.000	105.00	11.000
48	9:28:0	2.800	448.000	105.00	7.000
49	9:31:0	2.850	455.000	105.00	7.000
50	9:34:0	2.900	462.000	105.00	7.000
51	9:37:0	2.950	465.000	105.00	3.000
52	9:40:0	3.000	469.000	105.00	4.000

COMPANY : JAY BOY OIL CO. INC.
WELL : #1
GAUGE # : 10270
DATE : 8/12/87

FIELD : LYNN KAUFMAN
JOB # : 11135
DEPTH : 3088
TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA P Pi-P(i-1)
53	9:43: 0	3.050	475.000	105.00	6.000
54	9:46: 0	3.100	481.000	105.00	6.000
55	9:49: 0	3.150	487.000	105.00	6.000
56	9:52: 0	3.200	491.000	105.00	4.000
57	9:55: 0	3.250	495.000	105.00	4.000

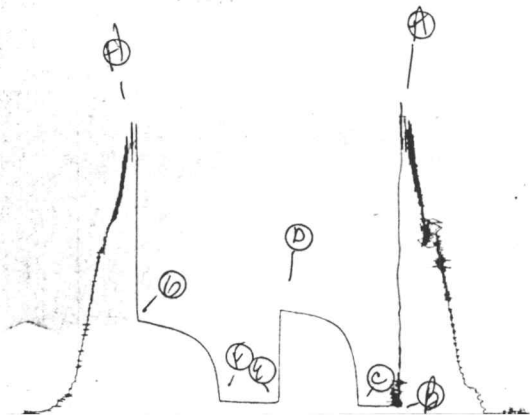
WESTERN TESTING CO. INC.

Kit # 11135

9

I

OST # 2
10270



JK # 11135

0

9

OST#2
13268

