

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data *35-245-34W*

Well Name & No.	BERTHA M GABBERT TRUST #1		Test No.	1	Date	12/31/89
Company	JAY BOY OIL INC		Zone Tested	CHESTER		
Address	224 E DOUGLAS SWT 425 WICHITA KS 67202		Elevation	1919 KB		
Co. Rep./Geo.	MR STEVE DAVIS	Cont.	ALLEN #5	Est. Ft. of Pay	0	
Location: Sec.	35	Twp.	34S	Rge.	24W	Co. CLARK State KANSAS

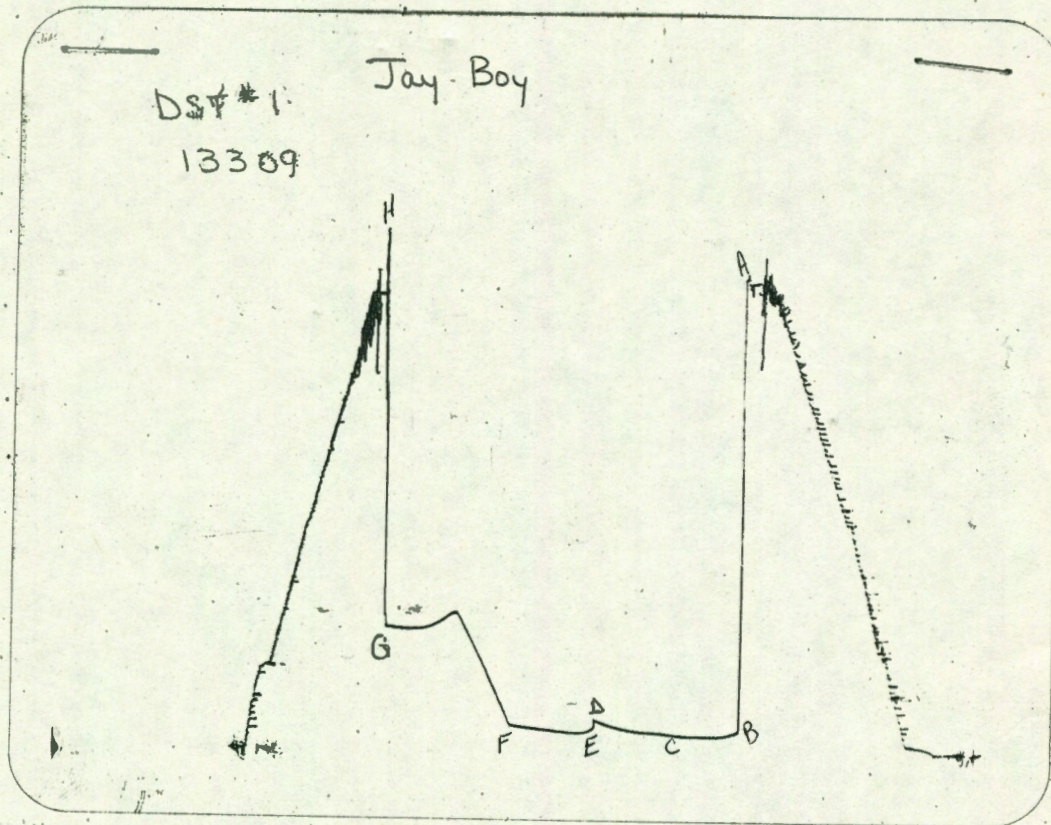
Interval Tested	5467-5560	Drill Pipe Size	4.5" XH
Anchor Length	93	Top Choke — 1"	
Top Packer Depth	5462	Bottom Choke — 3/4"	
Bottom Packer Depth	5467	Hole Size — 7 7/8"	
Total Depth	5560	Rubber Size — 6 1/4"	
Wt. Pipe I.D. — 2.7		Ft. Run	0
Drill Collar — 2.25		Ft. Run	0
Mud Wt.	9.3	lb./gal.	Viscosity 54 Filtrate 12.0
Tool Open @ 5:00 PM Initial Blow SURFACE BLOW SLOWLY BUILT TO 8" THROUGH-			
OUT ISI: BLED OFF BLOW-WEAK SURFACE RETURN BUILT BACK TO 2" BLOW			
Final Blow FAIR RETURN BUILT TO BOTTOM IN 11 MINUTES-FSI: BLED			
OFF BLOW-RETURN TO 1" THROUGHOUT			
Recovery — Total Feet	90	Flush Tool?	NO
Rec.	90	Feet of	DRILLING MUD
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
Rec.	0	Feet of	
BHT	125	°F	Gravity
			°API @ 0 °F
			Corrected Gravity 0 °API
RW		@	°F Chlorides
			ppm Recovery Chlorides 7500 ppm System
(A) Initial Hydrostatic Mud	2826.3	PSI	AK1 Recorder No. 13309 Range 4025
(B) First Initial Flow Pressure	55.4	PSI	@ (depth) 5470 w/Clock No. 25810
(C) First Final Flow Pressure	55.4	PSI	AK1 Recorder No. 13339 Range 4700
(D) Initial Shut-In Pressure	159.8	PSI	@ (depth) 5555 w/Clock No. 25828
(E) Second Initial Flow Pressure	65.3	PSI	Initial Opening 45
(F) Second Final Flow Pressure	129.7	PSI	Initial Shut-In 60
(G) Final Shut-In Pressure	721.3	PSI	Final Flow 60
(H) Final Hydrostatic Mud	2766.5	PSI	Final Shut-In 90

MR ROD STEINBRINK

Our Representative

TOTAL PRICE \$ 650

Printcraft Printers - Hays, KS

DST# 1RECORDER# 12309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	2820	2826.3
(B) First Initial Flow Pressure.....	52	55.4
(C) First Final Flow Pressure.....	52	55.4
(D) Initial Closed-In Pressure.....	155	159.8
(E) Second Initial Flow Pressure.....	62	65.3
(F) Second Final Flow Pressure.....	124	129.7
(G) Final Closed-In Pressure.....	719	721.3
(H) Final Hydrostatic Mud.....	2761	2766.5

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

Nº 2391

Well Name & No. Bertha M. Gabbert Trust #1-A Test No. 1 Date 12-31-89
 Company Jay Boy Oil, Inc. Zone Tested Chester
 Address 224 E. Douglas Suite 425 ~~345~~ Wichita, KS. 67202 Elevation 1919 (KB)
 Co. Rep./Geo. Steve Davis cont. Allen #5 Est. Ft. of Pay _____
 Location: Sec. 35 Twp. 34 S Rge. 24 W co. Clark state KS.
 No. of Copies 4 Distribution Sheet _____ Yes X No Turnkey _____ Yes X No

Interval Tested 5467 - 5560 Drill Pipe Size 4 1/2" xH
 Anchor Length 93' Top Choke — 1" Bottom Choke — 3/4"
 Top Packer Depth 5462 Hole Size — 7 7/8" Rubber Size — 6 3/4"
 Bottom Packer Depth 5467 Wt. Pipe I.D. — 2.7 Ft. Run _____
 Total Depth 5560 Drill Collar — 2.25 Ft. Run _____
 Mud Wt. 9.3 lb/gal. Viscosity 54 Filtrate 12.0

Tool Open @ 5:00 pm Initial Blow Surface blow slowly built to 8" throughout
ISI: Bled off blow - Weak surface return built back to 2" blow.
 Final Blow Fair return built to bottom in 11 mins.
FSI: Bled off blow - return to 1" throughout.

Recovery — Total Feet 90' Flush Tool? No.

Rec. _____ Feet of _____
 Rec. 90' Feet of Drig. Mud
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____
 Rec. _____ Feet of _____

BHT 125° °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API

RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides 7,500 ppm System

(A) Initial Hydrostatic Mud 2820 PSI AK1 Recorder No. 13309 Range 4025

(B) First Initial Flow Pressure 52 PSI @ (depth) 5470 w/Clock No. 25810

(C) First Final Flow Pressure 52 PSI AK1 Recorder No. 13339 Range 4700

(D) Initial Shut-In Pressure 155 PSI @ (depth) 5555 w/Clock No. 25828

(E) Second Initial Flow Pressure 62 PSI AK1 Recorder No. _____ Range _____

(F) Second Final Flow Pressure 124 PSI @ (depth) _____ w/Clock No. _____

(G) Final Shut-In Pressure @ 45 - 821 90 @ 719 PSI Initial Opening 45 Test 650.00

(H) Final Hydrostatic Mud 2761 PSI Initial Shut-In 60 Jars X

Final Flow 60 Safety Joint X

Final Shut-In 90 Straddle _____

Circ. sub X n/c

Approved By Steve Davis

Sampler _____

Our Representative Rod Steinbrink

Extra Packer _____

Other _____

TOTAL PRICE \$ 650.00

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

Drill-Stem Test Data

Well Name & No. BERTHA M GABBERT TRUST #1 Test No. 2 Date 1/3/90
Company JAY BOY OIL INC Zone Tested MISSISSIPPI
Address 224 E DOUGLAS SW 425 WICHITA KS 67202 Elevation 1919 KB
Co. Rep./Geo. MR STEVE DAVIS Cont. ALLEN #5 Est. Ft. of Pay 0
Location: Sec. 35 Twp. 34S Rge. 24W Co. CLARK State KANSAS

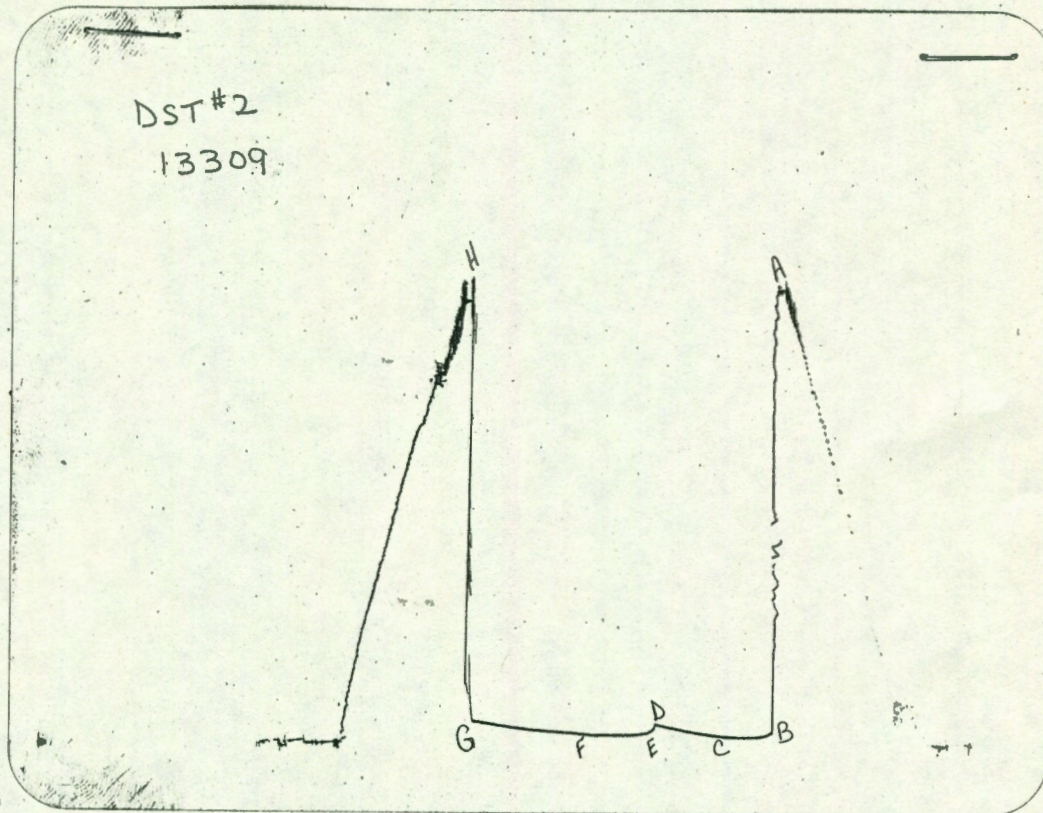
Interval Tested 5540-5606 Drill Pipe Size 4.5" XH
Anchor Length 66 Top Choke — 1"
Top Packer Depth 5535 (5540) Bottom Choke — 3/4"
Bottom Packer Depth 5606 (5611) Hole Size — 7 7/8"
Total Depth (RTD) 5900 Rubber Size — 6 3/4"
Wt. Pipe I.D. — 2.7 Ft. Run 0
Drill Collar — 2.25 Ft. Run 120
Mud Wt. 9.2 lb./gal. Viscosity 44 Filtrate
Tool Open @ 10:30 AM Initial Blow 1/2" BLOW SLOWLY INCREASED TO 1" & STAYED
STEADY ISI: BLED OFF BLOW-NO RETURN
Final Blow NO RETURN BLOW

Recovery — Total Feet 90 Flush Tool? NO
Rec. 90 Feet of DRILLING MUD
Rec. 0 Feet of
Rec. 0 Feet of
Rec. 0 Feet of
Rec. 0 Feet of
BHT 124 °F Gravity °API @ 0 °F Corrected Gravity 0 °API
RW @ °F Chlorides ppm Recovery Chlorides ppm System
(A) Initial Hydrostatic Mud 2787.4 PSI AK1 Recorder No. 13339 Range 4025
(B) First Initial Flow Pressure 44.3 PSI @ (depth) 5544 w/Clock No. 25828
(C) First Final Flow Pressure 44.3 PSI AK1 Recorder No. 13309 Range 4700
(D) Initial Shut-In Pressure 156.9 PSI @ (depth) 5598 w/Clock No. 30418
(E) Second Initial Flow Pressure 66.2 PSI Initial Opening 30
(F) Second Final Flow Pressure 66.2 PSI Initial Shut-In 60
(G) Final Shut-In Pressure 156.9 PSI Final Flow 45
(H) Final Hydrostatic Mud 2741.5 PSI Final Shut-In 90

Recorder #22150/Range-3925/Depth-5895/Clock#25810

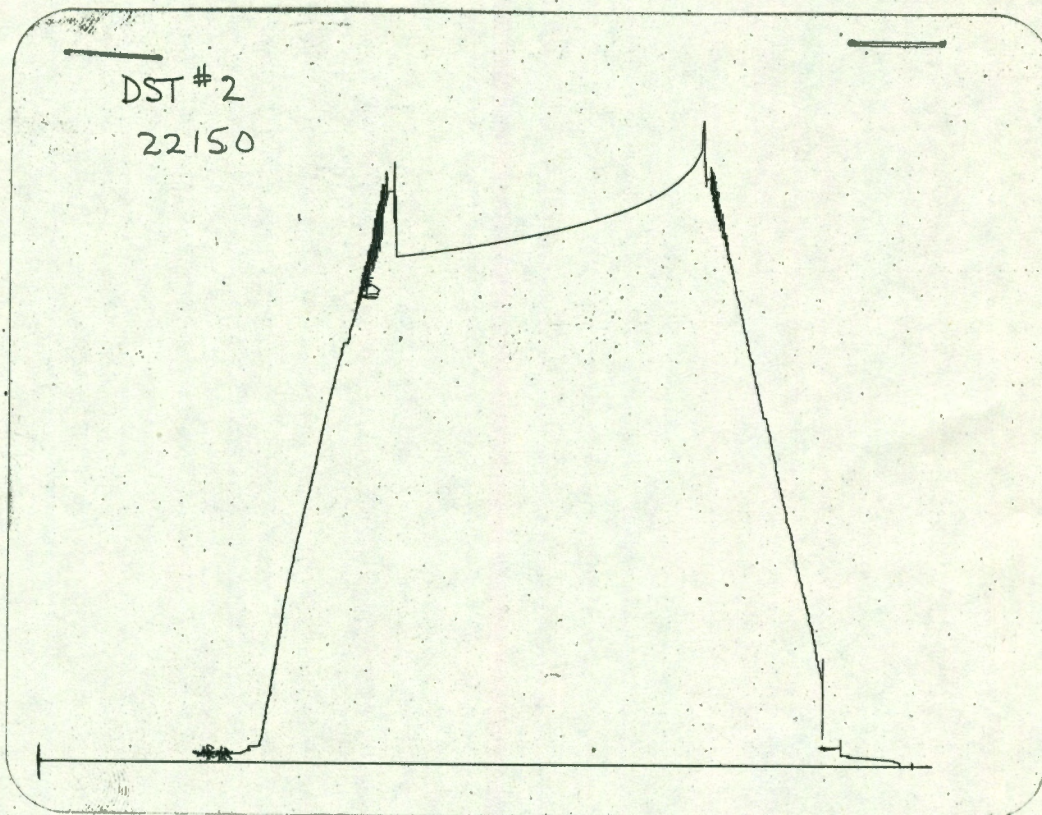
Our Representative ROD STEINBRINK TOTAL PRICE \$ 1050

Printcraft Printers - Hays, KS

DST# 2RECORDER# 13309

This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud.....	2781	2787.4
(B) First Initial Flow Pressure.....	41	44.3
(C) First Final Flow Pressure.....	41	44.3
(D) Initial Closed-In Pressure.....	155	156.9
(E) Second Initial Flow Pressure.....	62	66.2
(F) Second Final Flow Pressure.....	62	66.2
(G) Final Closed-In Pressure.....	155	156.9
(H) Final Hydrostatic Mud.....	2731	2741.5

DST# 2RECORDER# 22150Straddle Test

This is an actual photograph of recorder chart.

PRESSURE

POINT

**Field
Reading**

**Office
Reading**

- (A) Initial Hydrostatic Mud.....PSI
- (B) First Initial Flow Pressure.....PSI
- (C) First Final Flow Pressure.....PSI
- (D) Initial Closed-In Pressure.....PSI
- (E) Second Initial Flow Pressure.....PSI
- (F) Second Final Flow Pressure.....PSI
- (G) Final Closed-In Pressure.....PSI
- (H) Final Hydrostatic Mud.....PSI

TRILOBITE TESTING COMPANY

P.O. Box 362 • Hays, Kansas 67601

TEST TICKET

N^o 2393

Well Name & No. Bertha M. Gabbert Trust #1-A Test No. 2 Date 1-3-90
Company Jay Boy Oil, Inc. Zone Tested Mississippi
Address 224 E. Douglas Suite 425 Wichita, KS. 67202 Elevation 1919 (KB)
Co. Rep./Geo. Steve Davis cont. Allen #5 Est. Ft. of Pay _____
Location: Sec. 35 Twp. 34 S Rge. 24 W co. Clark state KS.
No. of Copies 4 Distribution Sheet _____ Yes X No _____ Turnkey _____ Yes X No _____

Interval Tested 5540 - 5606 Drill Pipe Size 4 1/2" XH
Anchor Length 66' Top Choke — 1" _____ Bottom Choke — 3/4" _____
Top Packer Depth 5535 - 5540 Hole Size — 7 7/8" _____ Rubber Size — 6 3/4" _____
Bottom Packer Depth 5606 - 5611 Wt. Pipe I.D. — 2.7 Ft. Run _____
Total Depth (RTD) 5900 Drill Collar — 2.25 Ft. Run 120'
Mud Wt. 9.2 lb/gal. Viscosity 44 Filtrate _____
Tool Open @ 10:30 am Initial Blow 1/2" blow slowly increased to 1" & stayed steady
ISI: Bled off blow - no return.
Final Blow No return blow

Recovery — Total Feet 90' Flush Tool? No.
Rec. _____ Feet of _____
Rec. 90' Feet of Drlg. Mud.
Rec. _____ Feet of _____
Rec. _____ Feet of _____
Rec. _____ Feet of _____
BHT 124° °F Gravity _____ °API @ _____ °F Corrected Gravity _____ °API
RW _____ @ _____ °F Chlorides _____ ppm Recovery Chlorides _____ ppm System
(A) Initial Hydrostatic Mud 2781 PSI AK1 Recorder No. 13339 Range 4025
(B) First Initial Flow Pressure 41 PSI @ (depth) 5544 w/Clock No. 25828
(C) First Final Flow Pressure 41 PSI AK1 Recorder No. 13309 Range 4700
(D) Initial Shut-In Pressure 155 PSI @ (depth) 5598 w/Clock No. 30418
(E) Second Initial Flow Pressure 62 PSI AK1 Recorder No. 22150 Range 3925
(F) Second Final Flow Pressure 62 PSI @ (depth) 5895 w/Clock No. 25810
(G) Final Shut-In Pressure 155 PSI Initial Opening 30 Test 650.00
(H) Final Hydrostatic Mud 2731 PSI Initial Shut-In 60 Jars X
Final Flow 45 Safety Joint X
Final Shut-In 90 Straddle X 250.00
Circ. Sub X

Approved By Steve Davis

Our Representative Rod Steinbrink

Printcraft Printers - Hays, KS

Sampler _____
Extra Packer X 100.00
Other Ins. 50.00
TOTAL PRICE \$ 1050.00