



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Lower KC Effective Pay \_\_\_\_\_ ft. Ticket No. 693  
 Date 6-27-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas  
 Test Approved by Dave Montegue Ricketts Representative Dan Delaney

Formation Test No. 3 Interval Tested from 2660 ft. to 2696 ft. Total Depth 2696 ft.  
 Packer Depth 2660 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 2657 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2665 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 2668 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 36 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.4 Water Loss 14.0 cc. Drill Pipe Length 2392 I.D. 3.25 in.  
 Chlorides 2,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 36 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 in.

Blow: Weak blow building to a very good blow Initial Flow Period.  
Weak blow building to a good blow Final Flow Period.

Recovered 360 ft. of Muddy water with a few specks of oil on top.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: DST Fluid Chlorides 53,000 PPM

Time Set Packer (s) 5:10 ~~XXX~~ P.M. Time Started Off Bottom 8:55 ~~XXX~~ P.M. Maximum Temperature 107°  
 Initial Hydrostatic Pressure ..... (A) 1345 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 84 P.S.I. to  
 (C) 146 P.S.I.  
 Initial Closed In Period ..... Minutes 60 (D) 1119 P.S.I.  
 Final Flow Period ..... Minutes 45 (E) 185 P.S.I. to  
 (F) 216 P.S.I.  
 Final Closed In Period ..... Minutes 90 (G) 1113 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1332 P.S.I.

**RICKETTS TESTING**

**Pressure Data**

Date 6-27-86 Test Ticket No. 693  
 Recorder No. 13767 Capacity 4275 Location 2665 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 107 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1345</u> P.S.I.	Open Tool	<u>5:10</u> P M	
B First Initial Flow Pressure	<u>84</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>146</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1119</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>185</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>216</u> P.S.I.			
G Final Closed-in Pressure	<u>1113</u> P.S.I.			
H Final Hydrostatic Mud	<u>1332</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>30</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	84	0	146	0	185	0	216
P 2	84	3	1017	5	185	3	1021
P 3	90	6	1064	10	185	6	1057
P 4	100	9	1080	15	185	9	1074
P 5	116	12	1091	20	190	12	1082
P 6	130	15	1100	25	194	15	1089
P 7	146	18	1105	30	200	18	1094
P 8		21	1109	35	206	21	1097
P 9		24	1111	40	211	24	1101
P10		27	1113	45	216	27	1103
P11		30	1115	50		30	1105
P12		33	1117	55		33	1107
P13		36	1118	60		36	1108
P14		39	1119	65		39	1109
P15		42	1119	70		42	1110
P16		45	1119	75		45	1112
P17		48	1119	80		48	1113
P18		51	1119	85		51	1113
P19		54	1119	90		54	1113
P20		57	1119			57	1113
		60	1119			60	1113

# RICKETTS TESTING

## Pressure Data

693

Date \_\_\_\_\_ Test Ticket No. \_\_\_\_\_  
 Recorder No. \_\_\_\_\_ Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	Open Tool	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

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In	
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	_____	_____	_____	63	1113
P 2	_____	_____	_____	66	1113
P 3	_____	_____	_____	69	1113
P 4	_____	_____	_____	72	1113
P 5	_____	_____	_____	75	1113
P 6	_____	_____	_____	78	1113
P 7	_____	_____	_____	81	1113
P 8	_____	_____	_____	84	1113
P 9	_____	_____	_____	87	1113
P10	_____	_____	_____	90	1113
P11	_____	_____	_____	_____	_____
P12	_____	_____	_____	_____	_____
P13	_____	_____	_____	_____	_____
P14	_____	_____	_____	_____	_____
P15	_____	_____	_____	_____	_____
P16	_____	_____	_____	_____	_____
P17	_____	_____	_____	_____	_____
P18	_____	_____	_____	_____	_____
P19	_____	_____	_____	_____	_____
P20	_____	_____	_____	_____	_____

DATE 6-27-86  
 SEC. 27 TWN 23 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 693  
 TEST NO. 3

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

COMPANY Tommy Boy Oil Co.  
 ADDRESS 8400 Kellam Wellington, KS 67206  
 LEASE Webster WELL NO. A-1 COUNTY Haven STATE Ks.  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION		PRESSURE DATA & TIME	
		FIELD READINGS	CORRECTED READINGS
TOOL JT. <u>4 1/2 X 1 1/2</u> HOLE SIZE <u>7 1/8</u> PACKER O.D. <u>6 3/4</u>		INITIAL HYDROSTATIC <u>1346</u>	
ELEV. <u>1402</u> TOTAL DEPTH <u>2696</u>		INITIAL FLOW { <u>63</u> TO	
TESTED FROM <u>2660</u> TO <u>2696</u>		INITIAL SHUT-IN { <u>127</u> TO	
ANCHOR LENGTH BELOW <u>36'</u> BETWEEN		INITIAL SHUT-IN <u>1102</u>	
TOOL OPEN 1ST FLOW <u>5:10</u> A.M. P.M.		FINAL FLOW { <u>169</u> TO	
TOOL CLOSED INITIAL SHUT-IN <u>5:40</u> A.M. P.M.		FINAL SHUT-IN { <u>201</u> TO	
TOOL OPEN 2ND FLOW <u>6:40</u> A.M. P.M.		FINAL SHUT-IN <u>1102</u>	
TOOL CLOSED FINAL SHUT-IN <u>7:25</u> A.M. P.M.		FINAL HYDROSTATIC <u>1336</u>	
MUD WT. <u>9.4</u> VISCOSITY <u>36</u> W.L. <u>14.0</u> C.C.		TOOL OPEN: INITIAL FLOW <u>---</u> HR. <u>30</u> MIN.	
CHLORIDE <u>2000</u> GRAVITY OIL <u>---</u> B.H. TEMP <u>107°</u>		INITIAL SHUT-IN <u>---</u> HR. <u>60</u> MIN.	
LENGTH DRILL COLLAR <u>248'</u> I.D. <u>2.25</u>		FINAL FLOW <u>---</u> HR. <u>45</u> MIN.	
LENGTH WEIGHT PIPE <u>---</u> I.D. <u>---</u>		FINAL SHUT-IN <u>---</u> HR. <u>90</u> MIN.	
SUCCESSFUL TEST NO. <u>3</u> MISRUN NO. <u>---</u>		TOP RECORDER NO. <u>13767</u> BOTTOM RECORDER NO. <u>13565</u>	
CHOKES: TOP <u>3/4</u> BOTTOM <u>3/4</u>			

TYPE BLOW IF - Weak Building to a Very Good Blow  
FF - Weak Building to a Good Blow  
 RECOVERY: 360' MUDDY WATER WITH A FEW SPECKS OF OIL ON TOP  
CHLORIDES 53000 P.P.M.

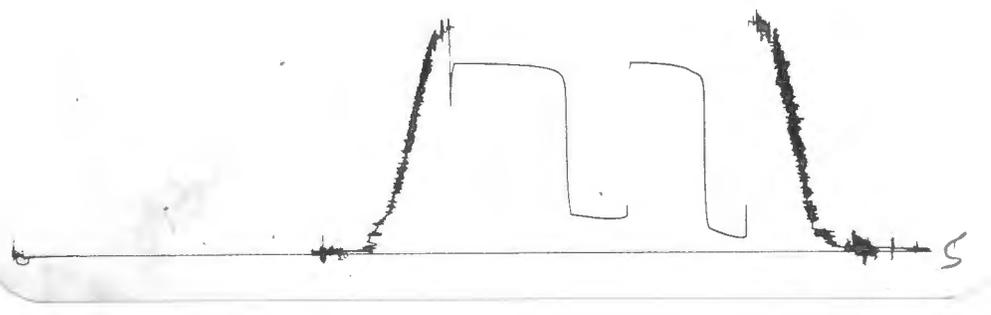
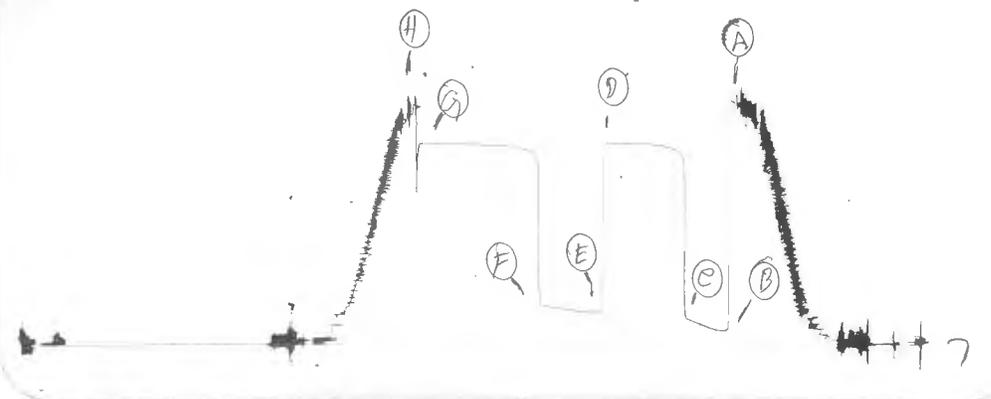
EXTRA EQUIPMENT None  
 APPROVED BY: [Signature]  
 TESTER: [Signature]  
 FORMATION TESTED LKC  
 OPERATOR TIME: Thank you

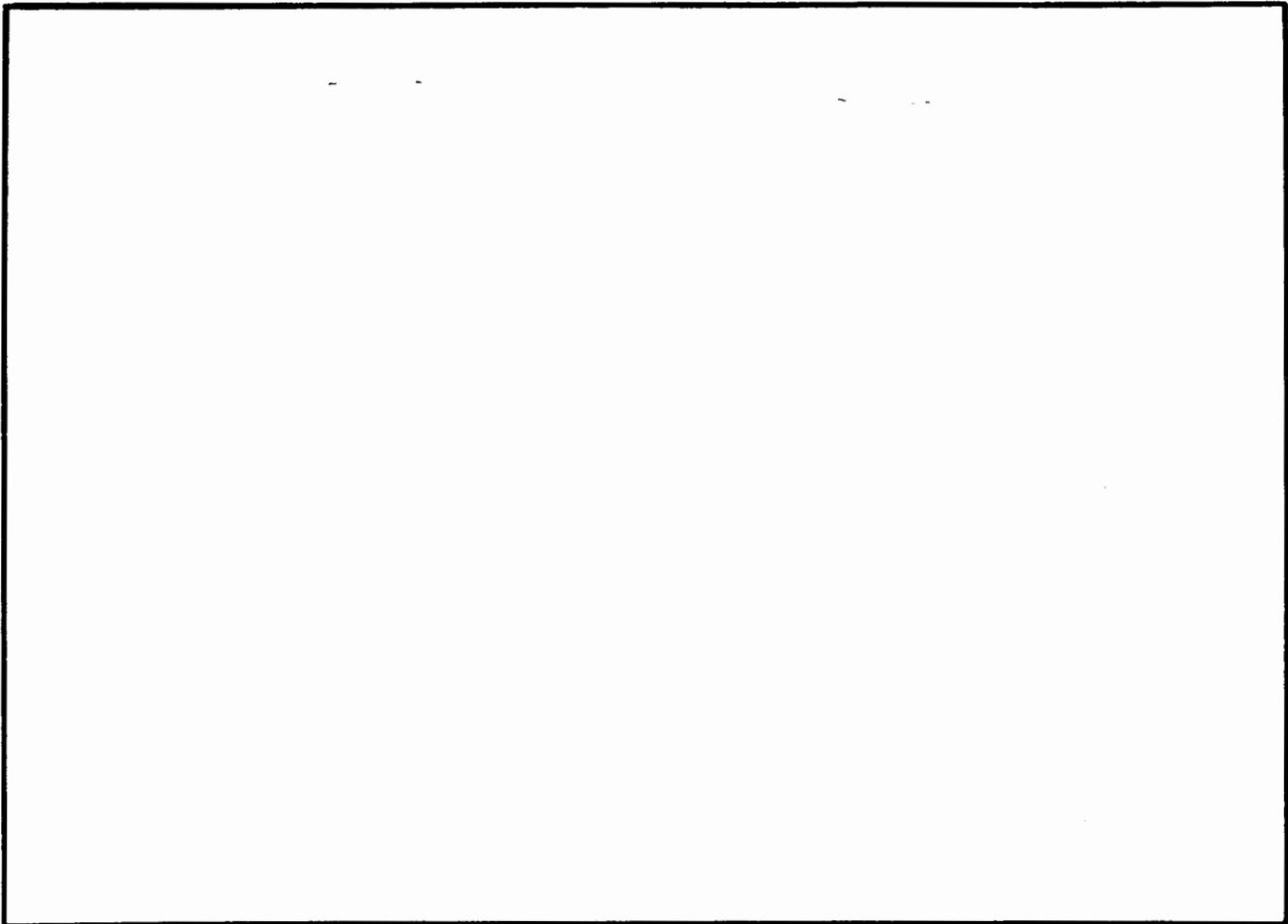
## RICKETTS TESTING

SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ _____
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
STRADDLE	\$ _____
CIRCULATING SUB.	\$ _____
MILEAGE	\$ _____
TOTAL	\$ _____

DST # 3 TK# 693





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1346	1345	PSI
(B) First Initial Flow Pressure	63	84	PSI
(C) First Final Flow Pressure	127	146	PSI
(D) Initial Closed-in Pressure	1102	1119	PSI
(E) Second Initial Flow Pressure	169	185	PSI
(F) Second Final Flow Pressure	201	216	PSI
(G) Final Closed-in Pressure	1102	1113	PSI
(H) Final Hydrostatic Mud	1336	1332	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1

Elevation 1402 K.B. Formation Hertha Effective Pay \_\_\_\_\_ ft. Ticket No. 694

Date 6-28-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas

Test Approved by Michael Bryan Ricketts Representative Dan Delaney

Formation Test No. 4 Interval Tested from 2730 ft. to 2765 ft. Total Depth 2765 ft.

Packer Depth 2730 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 2727 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 2735 ft. Recorder Number 13767 Cap. 4275

Bottom Recorder Depth (Outside) 2738 ft. Recorder Number 13565 Cap. 4475

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.

Mud Type Chemical Viscosity 39 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.

Weight 9.0 Water Loss 10.4 cc. Drill Pipe Length 2462 I.D. 3.25 in.

Chlorides 1,400 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Bars: Make --- Serial Number \_\_\_\_\_ Anchor Length 35 ft. Size 5 1/2 in.

Did Well Flow? No 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 h in.

Flow: Weak blow Initial Flow Period. Died in 1 minute. Flushed tool - no help.

No blow Final Flow Period.

Recovered 1 ft. of Mud.

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s)	<u>11:45</u>	A.M. P.M.	Time Started Off Bottom	<u>12:45</u>	A.M. P.M.	Maximum Temperature	<u>99°</u>
Initial Hydrostatic Pressure	(A)		<u>1339</u>			P.S.I.	
Initial Flow Period	Minutes	<u>15</u>	(B)	<u>49</u>		P.S.I.	to
			(C)	<u>49</u>		P.S.I.	
Initial Closed In Period	Minutes	<u>15</u>	(D)	<u>57</u>		P.S.I.	
Final Flow Period	Minutes	<u>15</u>	(E)	<u>49</u>		P.S.I.	to
			(F)	<u>49</u>		P.S.I.	
Final Closed In Period	Minutes	<u>15</u>	(G)	<u>51</u>		P.S.I.	
Final Hydrostatic Pressure	(H)		<u>1325</u>			P.S.I.	

# RICKETTS TESTING

## Pressure Data

Date 6-28-86 Test Ticket No. 694  
 Recorder No. 13767 Capacity 4275 Location 2735 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K. B. Well Temperature 99 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1339</u> P.S.I.	Open Tool	<u>11:45</u> A.M.	
B First Initial Flow Pressure	<u>49</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>49</u> P.S.I.	Initial Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
D Initial Closed-in Pressure	<u>57</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>49</u> P.S.I.	Final Closed-in Pressure	<u>15</u> Mins.	<u>15</u> Mins.
F Second Final Flow Pressure	<u>49</u> P.S.I.			
G Final Closed-in Pressure	<u>51</u> P.S.I.			
H Final Hydrostatic Mud	<u>1325</u> P.S.I.			

### PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>5</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>5</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>49</u>
P 2	<u>5</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>49</u>	<u>3</u>	<u>50</u>
P 3	<u>10</u>	<u>6</u>	<u>53</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>50</u>
P 4	<u>15</u>	<u>9</u>	<u>55</u>	<u>15</u>	<u>49</u>	<u>9</u>	<u>51</u>
P 5	<u>20</u>	<u>12</u>	<u>56</u>	<u>20</u>		<u>12</u>	<u>51</u>
P 6	<u>25</u>	<u>15</u>	<u>57</u>	<u>25</u>		<u>15</u>	<u>51</u>
P 7	<u>30</u>	<u>18</u>		<u>30</u>		<u>18</u>	
P 8	<u>35</u>	<u>21</u>		<u>35</u>		<u>21</u>	
P 9	<u>40</u>	<u>24</u>		<u>40</u>		<u>24</u>	
P 10	<u>45</u>	<u>27</u>		<u>45</u>		<u>27</u>	
P 11	<u>50</u>	<u>30</u>		<u>50</u>		<u>30</u>	
P 12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P 13	<u>60</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P 14	<u>65</u>	<u>39</u>		<u>65</u>		<u>39</u>	
P 15	<u>70</u>	<u>42</u>		<u>70</u>		<u>42</u>	
P 16	<u>75</u>	<u>45</u>		<u>75</u>		<u>45</u>	
P 17	<u>80</u>	<u>48</u>		<u>80</u>		<u>48</u>	
P 18	<u>85</u>	<u>51</u>		<u>85</u>		<u>51</u>	
P 19	<u>90</u>	<u>54</u>		<u>90</u>		<u>54</u>	
P 20	<u>95</u>	<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

DATE 6-28-86  
 SEC. 27 TWN 23 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 694

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 4

COMPANY Jan Boy Oil Co.  
 ADDRESS 8400 Kellam Wichita, KS 67206  
 LEASE Wester WELL NO. A-1 COUNTY Harvey STATE Ks.  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION		PRESSURE DATA & TIME	
		FIELD READINGS	CORRECTED READINGS
TOOL JT. <u>4 1/2 X 11</u>	HOLE SIZE <u>7 7/8</u> PACKER O.D. <u>6 3/4</u>	INITIAL HYDROSTATIC <u>1346</u>	
ELEV. <u>1402 K.F.</u>	TOTAL DEPTH <u>2765</u>	INITIAL FLOW { <u>47</u> TO	
TESTED FROM <u>2730</u>	TO <u>2765</u>	INITIAL SHUT-IN <u>63</u>	
ANCHOR LENGTH BELOW <u>35'</u>	BETWEEN	FINAL FLOW { <u>47</u> TO	
TOOL OPEN 1ST FLOW <u>11:45</u>	A.M. P.M.	FINAL SHUT-IN <u>52</u>	
TOOL CLOSED INITIAL SHUT-IN	A.M. <u>12:00</u> P.M.	FINAL HYDROSTATIC <u>1336</u>	
TOOL OPEN 2ND FLOW	A.M. <u>12:15</u> P.M.	TOOL OPEN: INITIAL FLOW	HR. <u>15</u> MIN.
TOOL CLOSED FINAL SHUT-IN	A.M. <u>12:30</u> P.M.	INITIAL SHUT-IN	HR. <u>15</u> MIN.
MUD WT. <u>9.0</u> VISCOSITY <u>39</u> W.L. <u>10.4</u> C.C.		FINAL FLOW	HR. <u>15</u> MIN.
CHLORIDE <u>1400</u> GRAVITY OIL	B.H. TEMP <u>99</u>	FINAL SHUT-IN	HR. <u>15</u> MIN.
LENGTH DRILL COLLAR <u>248</u> I.D. <u>2.25</u>		TOP RECORDER NO. <u>13767</u>	BOTTOM RECORDER NO. <u>13565</u>
LENGTH WEIGHT PIPE	I.D.		
SUCCESSFUL TEST NO. <u>34</u>	MISRUN NO.		
CHOKES: TOP <u>34</u>	BOTTOM <u>34</u>		

TYPE BLOW IF - Weak Blow Died in 1 Minute Flushed tool No Help!  
FF - No Blow

RECOVERY: 1' MUO

EXTRA EQUIPMENT None  
 APPROVED BY: Mr. J. Boy  
 TESTER: Jan Delaney  
 FORMATION TESTED Hetha  
 OPERATOR TIME: Thank You

## RICKETTS TESTING

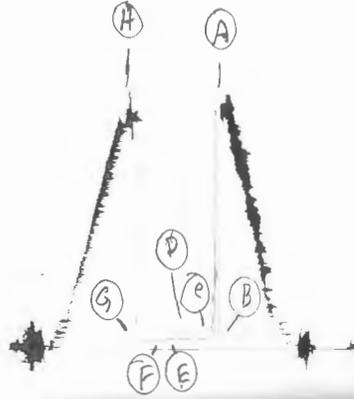
SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

## CHARGES

TEST CHARGE	\$
EXTRA PACKERS	\$
JARS	\$
SAFETY JOINT	\$
HOOK WALL	\$
MISRUN CHARGE	\$
STAND-BY CHARGE	\$
STRADDLE	\$
CIRCULATING SUB.	\$
MILEAGE	\$
TOTAL	\$

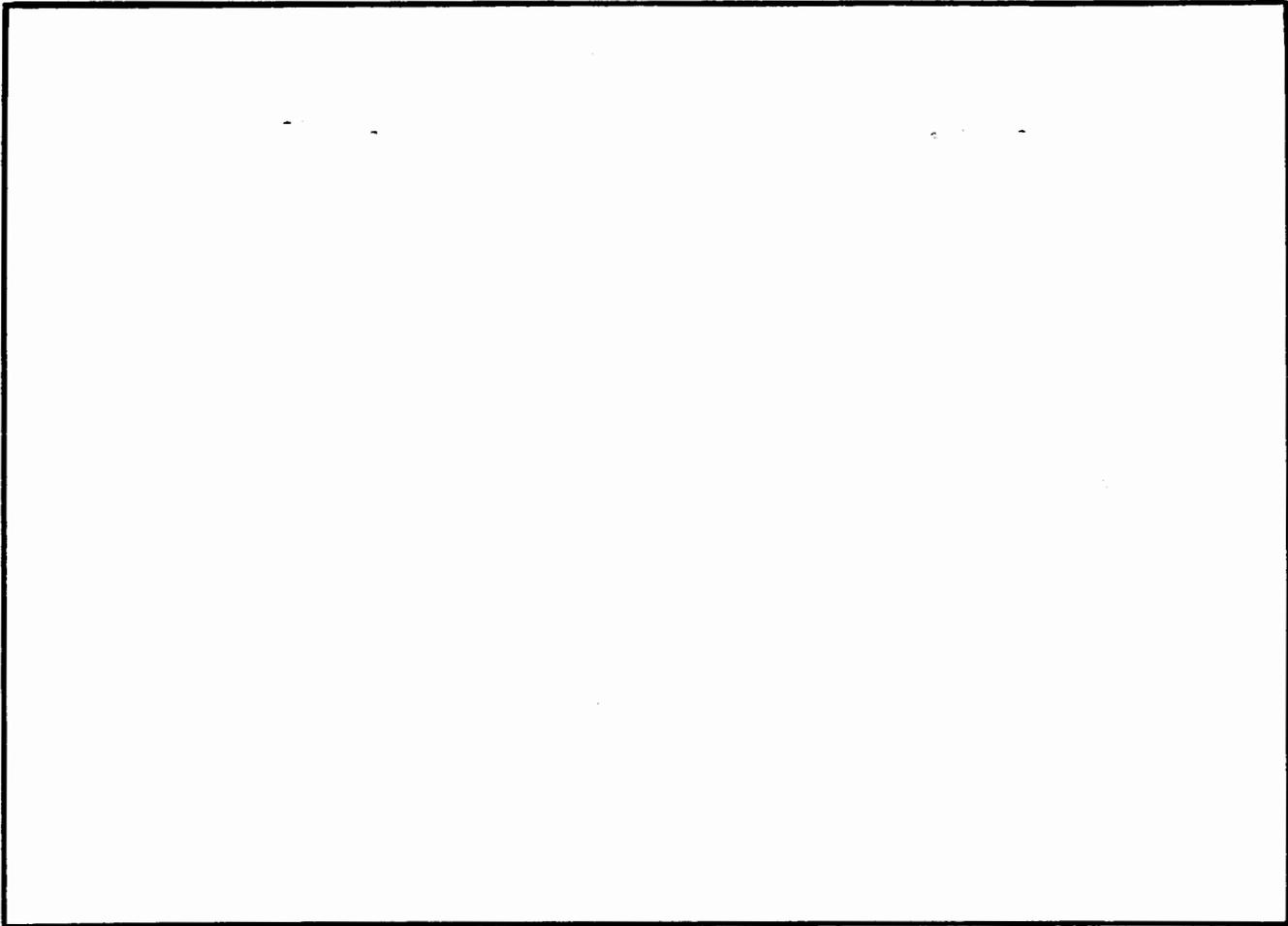
DST # 4 TR# 694

13267



13565





1000000

This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1346	1339	PSI
(B) First Initial Flow Pressure	47	49	PSI
(C) First Final Flow Pressure	47	49	PSI
(D) Initial Closed-in Pressure	63	57	PSI
(E) Second Initial Flow Pressure	47	49	PSI
(F) Second Final Flow Pressure	47	49	PSI
(G) Final Closed-in Pressure	52	51	PSI
(H) Final Hydrostatic Mud	1336	1325	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Mississippi Effective Pay \_\_\_\_\_ ft. Ticket No. 695  
 Date 6-29-86 Sec. 27 Twp. 32<sup>23</sup> Range 2 County Harvey State Kansas  
 Test Approved by Dave Montegue Ricketts Representative Dan Delaney

Formation Test No. 5 Interval Tested from 3023 ft. to 3045 ft. Total Depth 3045 ft.  
 Packer Depth 3023 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3020 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3028 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 3031 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 45 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.0 Water Loss 9.6 cc. Drill Pipe Length 2755 I.D. 3.25 in.  
 Chlorides 1,600 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 22 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 h in.

Blow: Weak blow building to a strong blow in 2 minutes Initial Flow Period.  
Weak blow building to a strong blow in 2 minutes Final Flow Period.

Recovered 160 ft. of Muddy water.  
 Recovered 1100 ft. of Salt water.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: DST Fluid Chlorides 41,000 PPM

Time Set Packer (s) 10:05 <sup>XX</sup>P.M. Time Started Off Bottom 1:05 <sup>XX</sup>A.M. Maximum Temperature 114°  
 Initial Hydrostatic Pressure.....(A) 1420 P.S.I.  
 Initial Flow Period.....Minutes 30 (B) 116 P.S.I. to  
 (C) 413 P.S.I.  
 Initial Closed In Period.....Minutes 60 (D) 890 P.S.I.  
 Final Flow Period.....Minutes 30 (E) 476 P.S.I. to  
 (F) 611 P.S.I.  
 Final Closed In Period.....Minutes 60 (G) 888 P.S.I.  
 Final Hydrostatic Pressure.....(H) 1415 P.S.I.

# RICKETTS TESTING

## Pressure Data

Date 6-29-86 Test Ticket No. 695  
 Recorder No. 13767 Capacity 4275 Location 3028 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 114 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1420</u> P.S.I.	Open Tool	<u>10:05</u> P.M.	
B First Initial Flow Pressure	<u>116</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>413</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>890</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>476</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>611</u> P.S.I.			
G Final Closed-in Pressure	<u>888</u> P.S.I.			
H Final Hydrostatic Mud	<u>1415</u> P.S.I.			

### PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>116</u>	0	<u>413</u>	0	<u>476</u>	0	<u>611</u>
P 2 5	<u>162</u>	3	<u>868</u>	5	<u>478</u>	3	<u>860</u>
P 3 10	<u>220</u>	6	<u>873</u>	10	<u>500</u>	6	<u>873</u>
P 4 15	<u>278</u>	9	<u>880</u>	15	<u>531</u>	9	<u>880</u>
P 5 20	<u>328</u>	12	<u>884</u>	20	<u>561</u>	12	<u>882</u>
P 6 25	<u>376</u>	15	<u>886</u>	25	<u>593</u>	15	<u>884</u>
P 7 30	<u>413</u>	18	<u>887</u>	30	<u>611</u>	18	<u>886</u>
P 8 35		21	<u>888</u>	35		21	<u>887</u>
P 9 40		24	<u>889</u>	40		24	<u>888</u>
P10 45		27	<u>890</u>	45		27	<u>888</u>
P11 50		30	<u>890</u>	50		30	<u>888</u>
P12 55		33	<u>890</u>	55		33	<u>888</u>
P13 60		36	<u>890</u>	60		36	<u>888</u>
P14 65		39	<u>890</u>	65		39	<u>888</u>
P15 70		42	<u>890</u>	70		42	<u>888</u>
P16 75		45	<u>890</u>	75		45	<u>888</u>
P17 80		48	<u>890</u>	80		48	<u>888</u>
P18 85		51	<u>890</u>	85		51	<u>888</u>
P19 90		54	<u>890</u>	90		54	<u>888</u>
P19 95		57	<u>890</u>			57	<u>888</u>
P20		60	<u>890</u>			60	<u>888</u>

DATE 6-29-86  
 SEC. 27 TWN 32 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 695  
 TEST NO. 5

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

COMPANY Jaw Boy Oil Co  
 ADDRESS 8400 Killebrew Wichita, KS 67206  
 LEASE Webster WELL NO. A-1 COUNTY Harvey STATE Ks  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION			
TOOL JT. <u>4 1/2 x 11</u>	HOLE SIZE <u>7 7/8</u>	PACKER O.D. <u>6 3/4</u>	
ELEV. <u>1402 K.F.</u>	TOTAL DEPTH <u>3045</u>		
TESTED FROM <u>3023</u>	TO <u>3045</u>		
ANCHOR LENGTH BELOW <u>22'</u>	BETWEEN		
TOOL OPEN 1ST FLOW	A.M. <u>10:05</u>	P.M.	
TOOL CLOSED INITIAL SHUT-IN	A.M. <u>10:35</u>	P.M.	
TOOL OPEN 2ND FLOW	A.M. <u>11:35</u>	P.M.	
TOOL CLOSED FINAL SHUT-IN <u>12:05</u>	A.M.	P.M.	
MUD WT. <u>9.0</u>	VISCOSITY <u>45</u>	W.L. <u>9.6</u>	C.C. <u></u>
CHLORIDE <u>1600</u>	GRAVITY OIL	B.H. TEMP <u>114°</u>	
LENGTH DRILL COLLAR <u>248</u>	I.D. <u>225</u>		
LENGTH WEIGHT PIPE	I.D.		
SUCCESSFUL TEST NO. <u>5</u>	MISRUN NO.		
CHOKES: TOP <u>74</u>	BOTTOM <u>74</u>		

PRESSURE DATA & TIME			
	FIELD READINGS		CORRECTED READINGS
INITIAL HYDROSTATIC	<u>1410</u>		
INITIAL FLOW	<u>95</u>	TO	TO
INITIAL SHUT-IN	<u>391</u>		
FINAL FLOW	<u>466</u>	TO	TO
FINAL SHUT-IN	<u>603</u>		
FINAL HYDROSTATIC	<u>889</u>		
TOOL OPEN: INITIAL FLOW		HR. <u>30</u>	MIN.
INITIAL SHUT-IN		HR. <u>60</u>	MIN.
FINAL FLOW		HR. <u>30</u>	MIN.
FINAL SHUT-IN		HR. <u>60</u>	MIN.
TOP RECORDER NO. <u>13767</u>	BOTTOM RECORDER NO. <u>13565</u>		

TYPE BLOW IF - Weak Building to a strong flow in 2 minutes  
FF.  
 RECOVERY: 160' Murkle Water  
1100' Salt Water Chlorides 41,000 P.P.M.

EXTRA EQUIPMENT None  
 APPROVED BY: Art Montague  
 TESTER: Carl Delaney  
 FORMATION TESTED Mississippi  
 OPERATOR TIME: Thank You

## RICKETTS TESTING

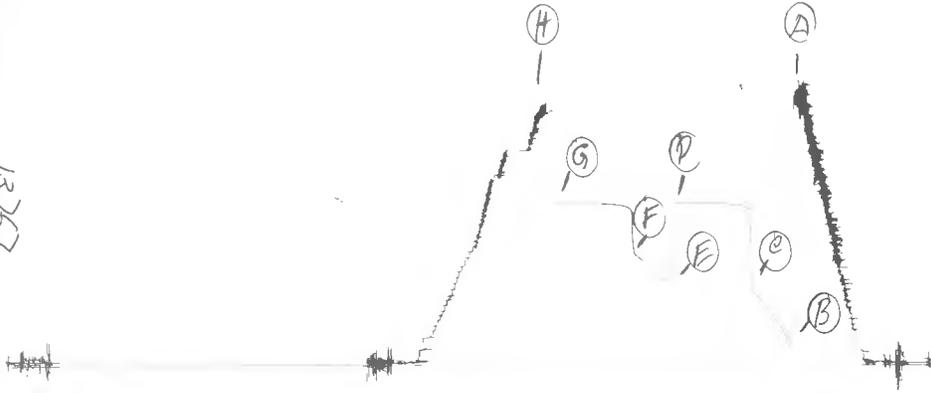
SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ <u>    </u>
EXTRA PACKERS	\$ <u>    </u>
JARS	\$ <u>    </u>
SAFETY JOINT	\$ <u>    </u>
HOOK WALL	\$ <u>    </u>
MISRUN CHARGE	\$ <u>    </u>
STAND-BY CHARGE	\$ <u>    </u>
STRADDLE	\$ <u>    </u>
CIRCULATING SUB.	\$ <u>    </u>
MILEAGE	\$ <u>    </u>
TOTAL	\$ <u>    </u>

#5

DST # 5 TK # 695

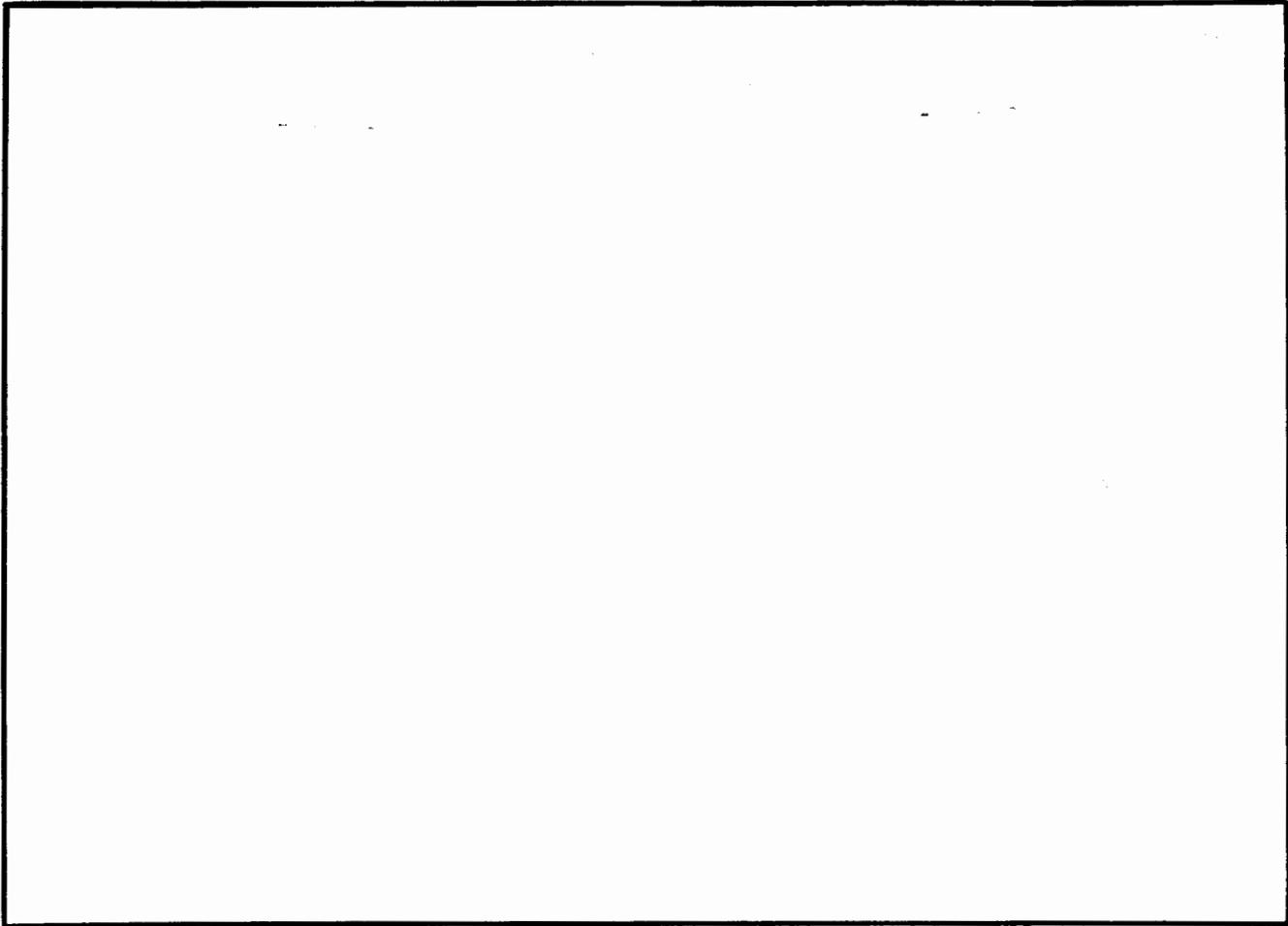
13267



#5

13565





This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1410	1420	PSI
(B) First Initial Flow Pressure	95	116	PSI
(C) First Final Flow Pressure	391	413	PSI
(D) Initial Closed-in Pressure	889	890	PSI
(E) Second Initial Flow Pressure	466	476	PSI
(F) Second Final Flow Pressure	603	611	PSI
(G) Final Closed-in Pressure	889	888	PSI
(H) Final Hydrostatic Mud	1400	1415	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Misner & Huntoon Effective Pay \_\_\_\_\_ ft. Ticket No. 696  
 Date 7-1-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas  
 Test Approved by David Montegue Ricketts Representative Dan Delaney

Formation Test No. 6 Interval Tested from 3267 ft. to 3312 ft. Total Depth 3312 ft.  
 Packer Depth 3267 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3264 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3272 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 3275 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 41 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 2999 I.D. 3.25 in.  
 Chlorides 2,100 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 45 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 xh in.

Blow: Good blow building to a very strong blow in 1 minute Initial Flow Period.  
Strong blow throughout Final Flow Period.

Recovered 360 ft. of Muddy water.  
 Recovered 2040 ft. of Salt water.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: DST Fluid Chlorides 71,000 PPM

Time Set Packer (s)	A.M. X.P.M.	Time Started Off Bottom	X.M. P.M.	Maximum Temperature
<u>11:00</u>		<u>2:00</u>		<u>117°</u>
Initial Hydrostatic Pressure		(A) <u>1575</u>	P.S.I.	
Initial Flow Period	Minutes	<u>25</u>	(B) <u>222</u> P.S.I. to (C) <u>807</u> P.S.I.	
Initial Closed In Period	Minutes	<u>60</u>	(D) <u>1201</u> P.S.I.	
Final Flow Period	Minutes	<u>30</u>	(E) <u>884</u> P.S.I. to (F) <u>1098</u> P.S.I.	
Final Closed In Period	Minutes	<u>60</u>	(G) <u>1201</u> P.S.I.	
Final Hydrostatic Pressure		(H) <u>1562</u>	P.S.I.	

# RICKETTS TESTING

## Pressure Data

Date 7-1-86 Test Ticket No. 696  
 Recorder No. 13767 Capacity 4275 Location 3272 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1575</u> P.S.I.	Open Tool	<u>11:00</u> A.M.	
B First Initial Flow Pressure	<u>222</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>807</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1201</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>884</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>1098</u> P.S.I.			
G Final Closed-in Pressure	<u>1201</u> P.S.I.			
H Final Hydrostatic Mud	<u>1562</u> P.S.I.			

### PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>20</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>222</u>	<u>0</u>	<u>807</u>	<u>0</u>	<u>884</u>	<u>0</u>	<u>1098</u>
P 2	<u>420</u>	<u>3</u>	<u>1148</u>	<u>5</u>	<u>891</u>	<u>3</u>	<u>1169</u>
P 3	<u>525</u>	<u>6</u>	<u>1171</u>	<u>10</u>	<u>934</u>	<u>6</u>	<u>1185</u>
P 4	<u>625</u>	<u>9</u>	<u>1181</u>	<u>15</u>	<u>990</u>	<u>9</u>	<u>1190</u>
P 5	<u>717</u>	<u>12</u>	<u>1187</u>	<u>20</u>	<u>1029</u>	<u>12</u>	<u>1194</u>
P 6	<u>807</u>	<u>15</u>	<u>1189</u>	<u>25</u>	<u>1069</u>	<u>15</u>	<u>1197</u>
P 7		<u>18</u>	<u>1191</u>	<u>30</u>	<u>1098</u>	<u>18</u>	<u>1198</u>
P 8		<u>21</u>	<u>1193</u>	<u>35</u>		<u>21</u>	<u>1199</u>
P 9		<u>24</u>	<u>1195</u>	<u>40</u>		<u>24</u>	<u>1200</u>
P10		<u>27</u>	<u>1197</u>	<u>45</u>		<u>27</u>	<u>1201</u>
P11		<u>30</u>	<u>1198</u>	<u>50</u>		<u>30</u>	<u>1201</u>
P12		<u>33</u>	<u>1199</u>	<u>55</u>		<u>33</u>	<u>1201</u>
P13		<u>36</u>	<u>1200</u>	<u>60</u>		<u>36</u>	<u>1201</u>
P14		<u>39</u>	<u>1201</u>	<u>65</u>		<u>39</u>	<u>1201</u>
P15		<u>42</u>	<u>1201</u>	<u>70</u>		<u>42</u>	<u>1201</u>
P16		<u>45</u>	<u>1201</u>	<u>75</u>		<u>45</u>	<u>1201</u>
P17		<u>48</u>	<u>1201</u>	<u>80</u>		<u>48</u>	<u>1201</u>
P18		<u>51</u>	<u>1201</u>	<u>85</u>		<u>51</u>	<u>1201</u>
P19		<u>54</u>	<u>1201</u>	<u>90</u>		<u>54</u>	<u>1201</u>
P19		<u>57</u>	<u>1201</u>			<u>57</u>	<u>1201</u>
P20		<u>60</u>	<u>1201</u>			<u>60</u>	<u>1201</u>

DATE 7-1-86  
 SEC. 27 TWN 23 SE RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 696

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 6

COMPANY Jawa Bay Oil Co.  
 ADDRESS 8400 K. Warner Wichita, KS 67206  
 LEASE Webster WELL NO. A-1 COUNTY Hawley STATE Ks.  
 INVOICES SENT TO: SWYNA  
 DST COPIES SENT TO: \_\_\_\_\_

GENERAL INFORMATION				PRESSURE DATA & TIME			
				FIELD READINGS		CORRECTED READINGS	
TOOL JT. <u>4 1/2 XH</u>	HOLE SIZE <u>7 7/8</u>	PACKER O.D. <u>6 3/4</u>		INITIAL HYDROSTATIC	<u>1581</u>		
ELEV. <u>1402 K.B.</u>	TOTAL DEPTH <u>3312</u>			INITIAL FLOW	<u>222</u> TO		TO
TESTED FROM <u>3267</u>	TO <u>3312</u>				<u>806</u>		
ANCHOR LENGTH BELOW <u>45</u>	BETWEEN _____			INITIAL SHUT-IN	<u>1208</u>		
TOOL OPEN 1ST FLOW	<u>11:00</u> A.M.		P.M.	FINAL FLOW	<u>889</u> TO		TO
TOOL CLOSED INITIAL SHUT-IN	<u>11:30</u> A.M.		P.M.		<u>1102</u>		
TOOL OPEN 2ND FLOW		A.M.	<u>12:30</u> P.M.	FINAL SHUT-IN	<u>1208</u>		
TOOL CLOSED FINAL SHUT-IN		A.M.	<u>1:00</u> P.M.	FINAL HYDROSTATIC	<u>1571</u>		
MUD WT. <u>9.2</u>	VISCOSITY <u>41</u>	W.L. <u>8.8</u>	C.C.	TOOL OPEN: INITIAL FLOW		HR. <u>30</u>	MIN.
CHLORIDE <u>2100</u>	GRAVITY OIL _____	B.H. TEMP <u>117°</u>		INITIAL SHUT-IN		HR. <u>60</u>	MIN.
LENGTH DRILL COLLAR <u>248</u>	I.D. <u>2.25</u>			FINAL FLOW		HR. <u>30</u>	MIN.
LENGTH WEIGHT PIPE _____	I.D. _____			FINAL SHUT-IN		HR. <u>60</u>	MIN.
SUCCESSFUL TEST NO. <u>6</u>	MISRUN NO. _____			TOP RECORDER NO. <u>13767</u>	BOTTOM RECORDER NO. <u>13565</u>		
CHOKES: TOP <u>7/4</u>	BOTTOM <u>7/4</u>						

TYPE BLOW IF - Good building to a very strong blow in 1 Minute  
FF - strong flow throughout  
 RECOVERY: 360' Mud & Water  
2040' Salt Water  
CHLORIDES 7,000 P.P.M.

EXTRA EQUIPMENT None  
 APPROVED BY: A.A. Montague  
 TESTER: Carl Delaney  
 FORMATION TESTED Mud & Water  
 OPERATOR TIME: Thank you

### RICKETTS TESTING

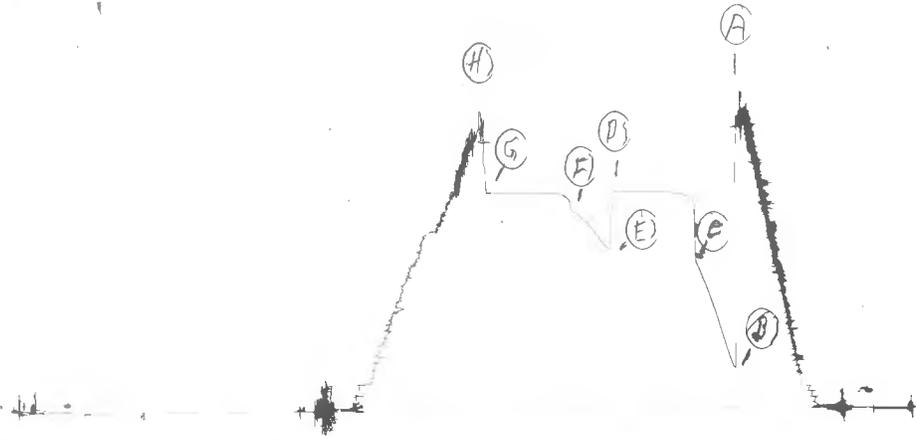
SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ _____
EXTRA PACKERS	\$ _____
JARS	\$ _____
SAFETY JOINT	\$ _____
HOOK WALL	\$ _____
MISRUN CHARGE	\$ _____
STAND-BY CHARGE	\$ _____
STRADDLE	\$ _____
CIRCULATING SUB.	\$ _____
MILEAGE	\$ _____
TOTAL	\$ _____

DST # 6 TK# 696

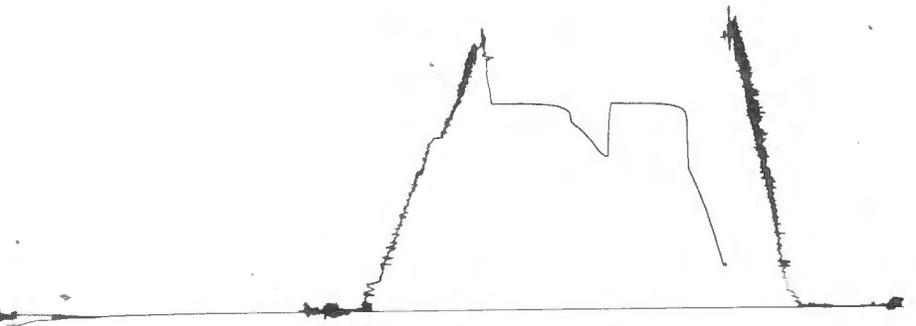
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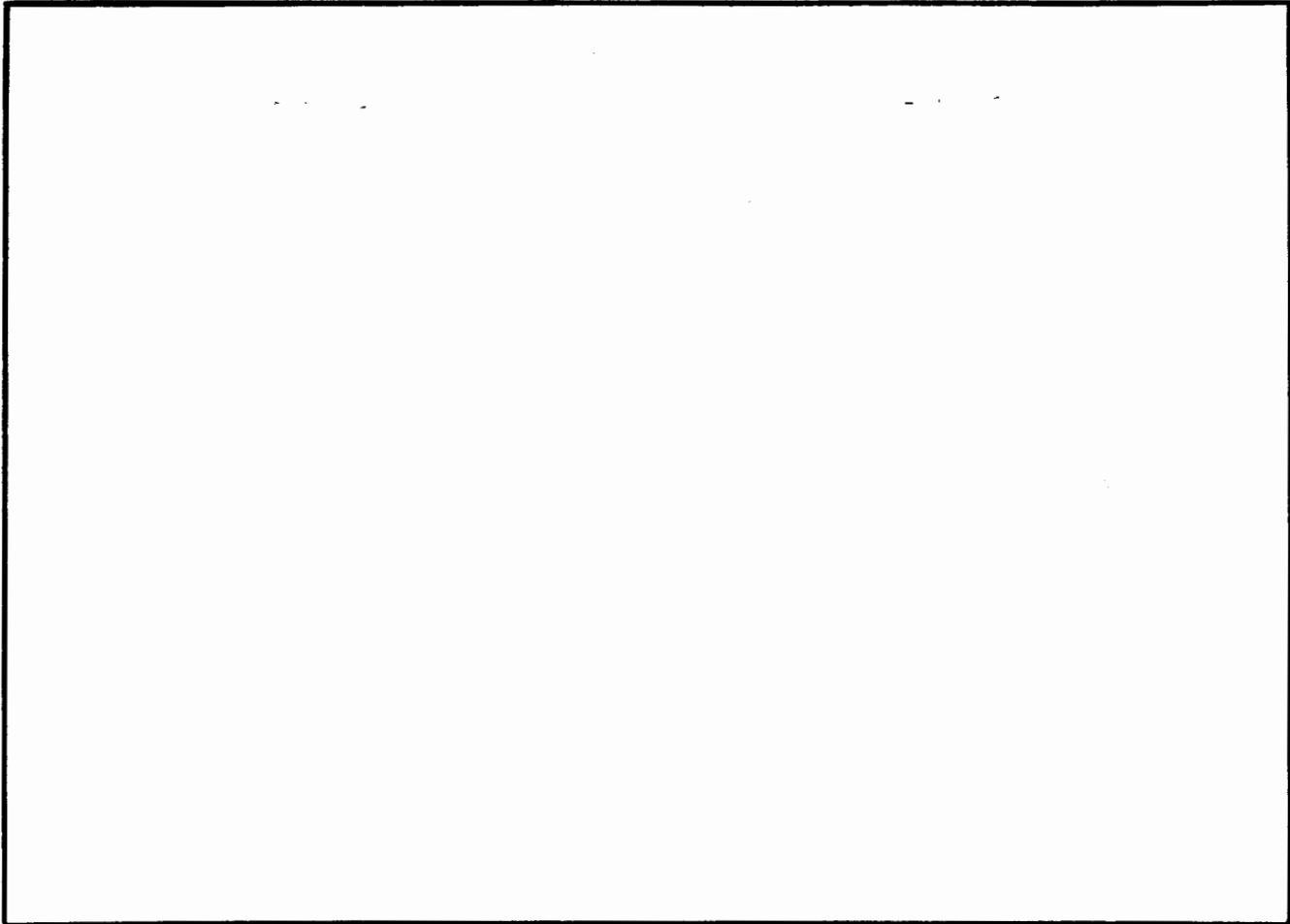
13767



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13565





100 1 MP

This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1581	1575	PSI
(B) First Initial Flow Pressure	222	222	PSI
(C) First Final Flow Pressure	806	807	PSI
(D) Initial Closed-in Pressure	1208	1201	PSI
(E) Second Initial Flow Pressure	889	884	PSI
(F) Second Final Flow Pressure	1102	1098	PSI
(G) Final Closed-in Pressure	1208	1201	PSI
(H) Final Hydrostatic Mud	1571	1562	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Viola Effective Pay \_\_\_\_\_ ft. Ticket No. 697  
 Date 7-2-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas  
 Test Approved by David Montegue Ricketts Representative Dan Delaney

Formation Test No. 7 Interval Tested from 3405 ft. to 3420 ft. Total Depth 3420 ft.

Packer Depth 3405 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 3402 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3410 ft. Recorder Number 13767 Cap. 4275

Bottom Recorder Depth (Outside) 3413 ft. Recorder Number 13565 Cap. 4475

Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.

Mud Type Chemical Viscosity 46 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.

Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 3137 I.D. 3.25 in.

Chlorides 1,800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.

Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 15 ft. Size 5 1/2 in.

Did Well Flow? No 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 h in.

Blow: Weak blow. Died in 7 minutes Initial Flow Period. Flushed tool - no help.

No blow Final Flow Period.

Recovered 1 ft. of Mud with a show of oil in tool.

Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s) 6:45 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 8:30 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 105°

Initial Hydrostatic Pressure..... (A) 1628 P.S.I.

Initial Flow Period..... Minutes 15 (B) 25 P.S.I. to  
 (C) 37 P.S.I.

Initial Closed In Period..... Minutes 30 (D) 365 P.S.I.

Final Flow Period..... Minutes 15 (E) 37 P.S.I. to  
 (F) 37 P.S.I.

Final Closed In Period..... Minutes 45 (G) 720 P.S.I.

Final Hydrostatic Pressure..... (H) 1610 P.S.I.

# RICKETTS TESTING

## Pressure Data

Date 7-2-86 Test Ticket No. 697  
 Recorder No. 13767 Capacity 4275 Location 3410 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1628</u> P.S.I.	Open Tool	<u>6:45</u> AM	
B First Initial Flow Pressure	<u>25</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>365</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>37</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>37</u> P.S.I.			
G Final Closed-in Pressure	<u>720</u> P.S.I.			
H Final Hydrostatic Mud	<u>1610</u> P.S.I.			

### PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>3</u> Inc.		Breakdown: <u>15</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> 25	<u>0</u> 37	<u>0</u> 37	<u>0</u> 37	<u>0</u> 37	<u>0</u> 37	<u>0</u> 37
P 2	<u>5</u> 25	<u>3</u> 37	<u>3</u> 37	<u>5</u> 37	<u>3</u> 37	<u>3</u> 37	<u>3</u> 37
P 3	<u>10</u> 25	<u>6</u> 37	<u>6</u> 37	<u>10</u> 37	<u>6</u> 37	<u>6</u> 37	<u>6</u> 37
P 4	<u>15</u> 37	<u>9</u> 37	<u>9</u> 37	<u>15</u> 37	<u>9</u> 37	<u>9</u> 37	<u>9</u> 37
P 5	<u>20</u> _____	<u>12</u> 51	<u>12</u> 51	<u>20</u> _____	<u>12</u> 52	<u>12</u> 52	<u>12</u> 52
P 6	<u>25</u> _____	<u>15</u> 67	<u>15</u> 67	<u>25</u> _____	<u>15</u> 70	<u>15</u> 70	<u>15</u> 70
P 7	<u>30</u> _____	<u>18</u> 100	<u>18</u> 100	<u>30</u> _____	<u>18</u> 114	<u>18</u> 114	<u>18</u> 114
P 8	<u>35</u> _____	<u>21</u> 157	<u>21</u> 157	<u>35</u> _____	<u>21</u> 182	<u>21</u> 182	<u>21</u> 182
P 9	<u>40</u> _____	<u>24</u> 235	<u>24</u> 235	<u>40</u> _____	<u>24</u> 273	<u>24</u> 273	<u>24</u> 273
P 10	<u>45</u> _____	<u>27</u> 301	<u>27</u> 301	<u>45</u> _____	<u>27</u> 365	<u>27</u> 365	<u>27</u> 365
P 11	<u>50</u> _____	<u>30</u> 365	<u>30</u> 365	<u>50</u> _____	<u>30</u> 444	<u>30</u> 444	<u>30</u> 444
P 12	<u>55</u> _____	<u>33</u> _____	<u>33</u> _____	<u>55</u> _____	<u>33</u> 510	<u>33</u> 510	<u>33</u> 510
P 13	<u>60</u> _____	<u>36</u> _____	<u>36</u> _____	<u>60</u> _____	<u>36</u> 582	<u>36</u> 582	<u>36</u> 582
P 14	<u>65</u> _____	<u>39</u> _____	<u>39</u> _____	<u>65</u> _____	<u>39</u> 633	<u>39</u> 633	<u>39</u> 633
P 15	<u>70</u> _____	<u>42</u> _____	<u>42</u> _____	<u>70</u> _____	<u>42</u> 672	<u>42</u> 672	<u>42</u> 672
P 16	<u>75</u> _____	<u>45</u> _____	<u>45</u> _____	<u>75</u> _____	<u>45</u> 720	<u>45</u> 720	<u>45</u> 720
P 17	<u>80</u> _____	<u>48</u> _____	<u>48</u> _____	<u>80</u> _____	<u>48</u> _____	<u>48</u> _____	<u>48</u> _____
P 18	<u>85</u> _____	<u>51</u> _____	<u>51</u> _____	<u>85</u> _____	<u>51</u> _____	<u>51</u> _____	<u>51</u> _____
P 19	<u>90</u> _____	<u>54</u> _____	<u>54</u> _____	<u>90</u> _____	<u>54</u> _____	<u>54</u> _____	<u>54</u> _____
P 20	<u>95</u> _____	<u>57</u> _____	<u>57</u> _____	<u>95</u> _____	<u>57</u> _____	<u>57</u> _____	<u>57</u> _____
		<u>60</u> _____			<u>60</u> _____		<u>60</u> _____

DATE 7-2-86  
 SEC. 27 TWN 23 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 697

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 7

COMPANY Jay Boys Oil Co.  
 ADDRESS 8400 Killebrew Wichita, KS 67206  
 LEASE Wilbur WELL NO. A-7 COUNTY Harvey STATE Ks  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION			
TOOL JT.	<u>4 1/2 x 1 1/4</u>	HOLE SIZE	<u>7 7/8</u> PACKER O.D. <u>6 3/4</u>
ELEV.	<u>1402 K.B.</u>	TOTAL DEPTH	<u>3420</u>
TESTED FROM	<u>3405</u>	TO	<u>3420</u>
ANCHOR LENGTH BELOW	<u>15'</u>	BETWEEN	<u>—</u>
TOOL OPEN 1ST FLOW	<u>6:45</u>	A.M.	<u>—</u> P.M.
TOOL CLOSED INITIAL SHUT-IN	<u>7:00</u>	A.M.	<u>—</u> P.M.
TOOL OPEN 2ND FLOW	<u>7:30</u>	A.M.	<u>—</u> P.M.
TOOL CLOSED FINAL SHUT-IN	<u>7:45</u>	A.M.	<u>—</u> P.M.
MUD WT.	<u>9.2</u>	VISCOSITY	<u>46</u> W.L. <u>8.8</u> C.C.
CHLORIDE	<u>1800</u>	GRAVITY OIL	<u>—</u> B.H. TEMP <u>105°</u>
LENGTH DRILL COLLAR	<u>248</u>	I.D.	<u>2.25</u>
LENGTH WEIGHT PIPE	<u>—</u>	I.D.	<u>—</u>
SUCCESSFUL TEST NO.	<u>7</u>	MISRUN NO.	<u>—</u>
CHOKES: TOP	<u>34</u>	BOTTOM	<u>76</u>

PRESSURE DATA & TIME			
	FIELD READINGS		CORRECTED READINGS
INITIAL HYDROSTATIC	<u>1625</u>		
INITIAL FLOW	<u>26</u> TO <u>37</u>		
INITIAL SHUT-IN	<u>370</u>		
FINAL FLOW	<u>37</u> TO <u>37</u>		
FINAL SHUT-IN	<u>720</u>		
FINAL HYDROSTATIC	<u>1614</u>		
TOOL OPEN: INITIAL FLOW	<u>—</u>	HR.	<u>15</u> MIN.
INITIAL SHUT-IN	<u>—</u>	HR.	<u>30</u> MIN.
FINAL FLOW	<u>—</u>	HR.	<u>15</u> MIN.
FINAL SHUT-IN	<u>—</u>	HR.	<u>45</u> MIN.
TOP RECORDER NO.	<u>13767</u>	BOTTOM RECORDER NO.	<u>15565</u>

TYPE BLOW FF - weak blow Died in 7 minutes Flushed Tool No Help  
FF - No Blow

RECOVERY: 1' mud with a show of oil in tool

EXTRA EQUIPMENT None  
 APPROVED BY: [Signature]  
 TESTER: [Signature]  
 FORMATION TESTED Viola  
 OPERATOR TIME: Thank you

## RICKETTS TESTING

SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

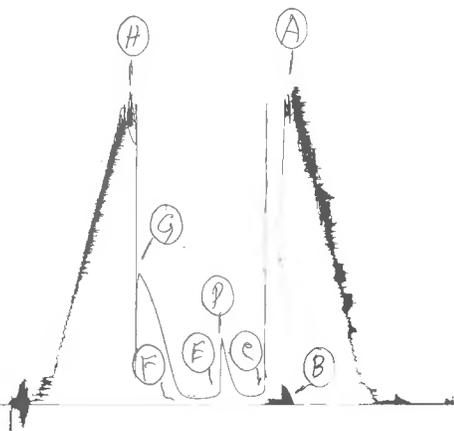
CHARGES	
TEST CHARGE	\$ <u>—</u>
EXTRA PACKERS	\$ <u>—</u>
JARS	\$ <u>—</u>
SAFETY JOINT	\$ <u>—</u>
HOOK WALL	\$ <u>—</u>
MISRUN CHARGE	\$ <u>—</u>
STAND-BY CHARGE	\$ <u>—</u>
STRADDLE	\$ <u>—</u>
CIRCULATING SUB.	\$ <u>—</u>
MILEAGE	\$ <u>—</u>
TOTAL	\$ <u>—</u>

DST # 7

TK # 697

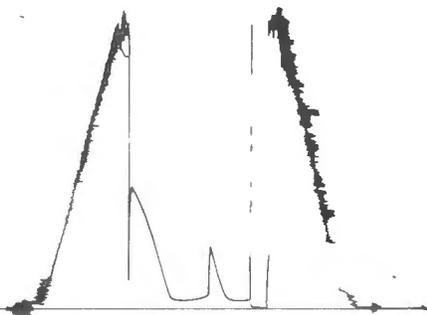
# 7

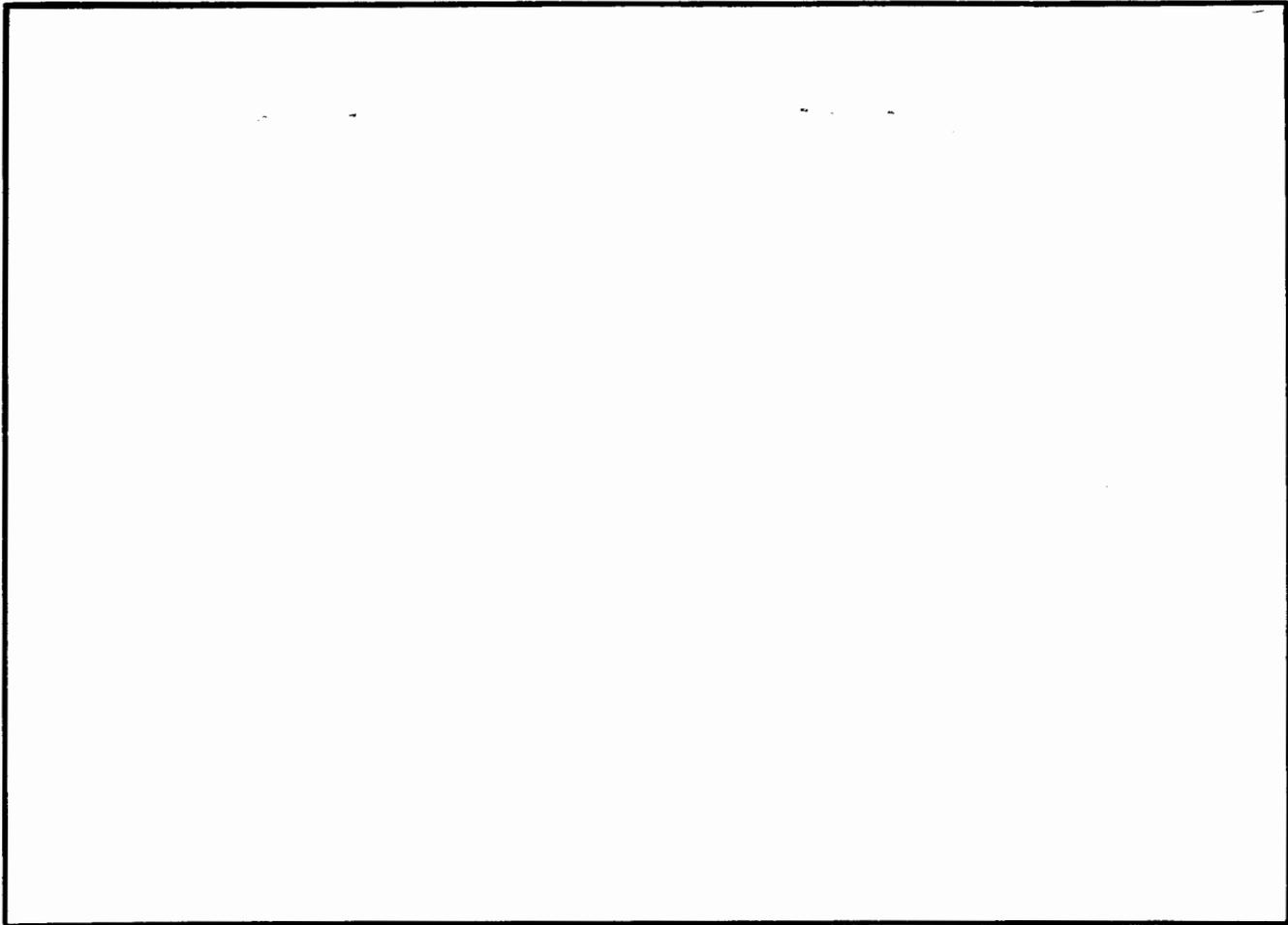
13767



# 7

13565





10000000

This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1625	1628	PSI
(B) First Initial Flow Pressure	26	25	PSI
(C) First Final Flow Pressure	37	37	PSI
(D) Initial Closed-in Pressure	370	365	PSI
(E) Second Initial Flow Pressure	37	37	PSI
(F) Second Final Flow Pressure	37	37	PSI
(G) Final Closed-in Pressure	720	720	PSI
(H) Final Hydrostatic Mud	1614	1610	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Simpson Sand Effective Pay \_\_\_\_\_ ft. Ticket No. 698  
 Date 7-2-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas  
 Test Approved by Dave Montegue Ricketts Representative Dan Delaney

Formation Test No. 8 Interval Tested from 3410 ft. to 3426 ft. Total Depth 3426 ft.  
 Packer Depth 3410 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3407 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3415 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 3418 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 46 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.2 Water Loss 8.8 cc. Drill Pipe Length 3142 I.D. 3.25 in.  
 Chlorides 1,800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 16 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 h in.

Blow: Weak blow Initial Flow Period. Died in 1 minute. Flushed tool - no help.

Recovered 1 ft. of Mud.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s) 6:45 <sup>AMX</sup>P.M. Time Started Off Bottom 6:49 <sup>AMX</sup>P.M. Maximum Temperature 105°  
 Initial Hydrostatic Pressure ..... (A) 1625 P.S.I.  
 Initial Flow Period ..... Minutes 5 (B) 37 P.S.I. to (C) 37 P.S.I.  
 Initial Closed In Period ..... Minutes \_\_\_\_\_ (D) Not taken P.S.I.  
 Final Flow Period ..... Minutes \_\_\_\_\_ (E) Not taken P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period ..... Minutes \_\_\_\_\_ (G) Not taken P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1615 P.S.I.

DATE 7-2-86  
 SEC. 27 TWN 32 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 698

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 8

COMPANY Jays Boys Oil Co.  
 ADDRESS 8400 Kellamery Wichita KS. 67206  
 LEASE Webster WELL NO. A-1 COUNTY Harvey STATE KS.  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION	
TOOL JT. <u>4 1/2 X H</u>	HOLE SIZE <u>7 7/8</u> PACKER O.D. <u>6 3/4</u>
ELEV. <u>1402 K.B.</u>	TOTAL DEPTH <u>3426</u>
TESTED FROM <u>3410</u>	TO <u>3426</u>
ANCHOR LENGTH BELOW <u>16'</u>	BETWEEN <u>    </u>
TOOL OPEN 1ST FLOW <u>    </u>	A.M. <u>6:45</u> P.M. <u>    </u>
TOOL CLOSED INITIAL SHUT-IN <u>    </u>	A.M. <u>6:59</u> P.M. <u>    </u>
TOOL OPEN 2ND FLOW <u>    </u>	A.M. <u>    </u> P.M. <u>    </u>
TOOL CLOSED FINAL SHUT-IN <u>    </u>	A.M. <u>    </u> P.M. <u>    </u>
MUD WT. <u>9.2</u>	VISCOSITY <u>46</u> W.L. <u>8.8</u> C.C. <u>    </u>
CHLORIDE <u>1,800</u>	GRAVITY OIL <u>    </u> B.H. TEMP <u>105°</u>
LENGTH DRILL COLLAR <u>248</u>	I.D. <u>2.25</u>
LENGTH WEIGHT PIPE <u>    </u>	I.D. <u>    </u>
SUCCESSFUL TEST NO. <u>8</u>	MISRUN NO. <u>    </u>
CHOKES: TOP <u>74</u>	BOTTOM <u>3/4</u>

PRESSURE DATA & TIME		
	FIELD READINGS	CORRECTED READINGS
INITIAL HYDROSTATIC	<u>1625</u>	
INITIAL FLOW	{ <u>37</u> TO <u>37</u>	
INITIAL SHUT-IN	<u>    </u>	
FINAL FLOW	{ <u>    </u> TO <u>    </u>	
FINAL SHUT-IN	<u>    </u>	
FINAL HYDROSTATIC	<u>1614</u>	
TOOL OPEN: INITIAL FLOW	<u>    </u> HR. <u>4</u> MIN.	
INITIAL SHUT-IN	<u>    </u> HR. <u>    </u> MIN.	
FINAL FLOW	<u>    </u> HR. <u>    </u> MIN.	
FINAL SHUT-IN	<u>    </u> HR. <u>    </u> MIN.	
TOP RECORDER NO. <u>13767</u>	BOTTOM RECORDER NO. <u>13565</u>	

TYPE BLOW IF - Weak Blow Used in 1 Minute. Flashed Tool No Help!

RECOVERY: 1' MUD

EXTRA EQUIPMENT None  
 APPROVED BY: [Signature]  
 TESTER: [Signature]  
 FORMATION TESTED Simplex  
 OPERATOR TIME: Thank you

**RICKETTS TESTING**  
 SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$ <u>    </u>
EXTRA PACKERS	\$ <u>    </u>
JARS	\$ <u>    </u>
SAFETY JOINT	\$ <u>    </u>
HOOK WALL	\$ <u>    </u>
MISRUN CHARGE	\$ <u>    </u>
STAND-BY CHARGE	\$ <u>    </u>
STRADDLE	\$ <u>    </u>
CIRCULATING SUB.	\$ <u>    </u>
MILEAGE	\$ <u>    </u>
TOTAL	\$ <u>    </u>

# RICKETTS TESTING

## Pressure Data

Date 7-2-86 Test Ticket No. 698  
 Recorder No. 13565 Capacity 4475 Location 3418 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 105 °F

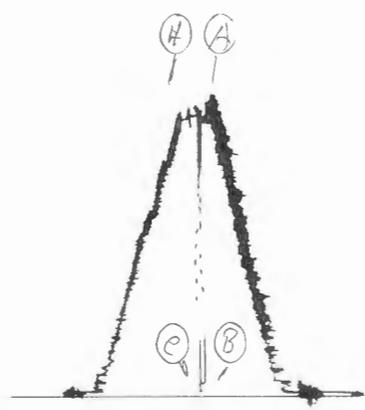
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1625</u> P.S.I.	Open Tool	<u>6:45</u> P M	
B First Initial Flow Pressure	<u>37</u> P.S.I.	First Flow Pressure	<u>4</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>37</u> P.S.I.	Initial Closed-in Pressure	<u>N/T</u> Mins.	
D Initial Closed-in Pressure	<u>Not taken</u> P.S.I.	Second Flow Pressure	<u>N/T</u> Mins.	
E Second Initial Flow Pressure	<u>Not taken</u> P.S.I.	Final Closed-in Pressure	<u>N/T</u> Mins.	
F Second Final Flow Pressure	<u>Not taken</u> P.S.I.			
G Final Closed-in Pressure	<u>Not taken</u> P.S.I.			
H Final Hydrostatic Mud	<u>1615</u> P.S.I.			

### PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>		<u>0</u>		<u>0</u>	
P 2	<u>5</u>	<u>3</u>		<u>5</u>		<u>3</u>	
P 3	<u>10</u>	<u>6</u>		<u>10</u>		<u>6</u>	
P 4	<u>15</u>	<u>9</u>		<u>15</u>		<u>9</u>	
P 5	<u>20</u>	<u>12</u>		<u>20</u>		<u>12</u>	
P 6	<u>25</u>	<u>15</u>		<u>25</u>		<u>15</u>	
P 7	<u>30</u>	<u>18</u>		<u>30</u>		<u>18</u>	
P 8	<u>35</u>	<u>21</u>		<u>35</u>		<u>21</u>	
P 9	<u>40</u>	<u>24</u>		<u>40</u>		<u>24</u>	
P10	<u>45</u>	<u>27</u>		<u>45</u>		<u>27</u>	
P11	<u>50</u>	<u>30</u>		<u>50</u>		<u>30</u>	
P12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14	<u>65</u>	<u>39</u>		<u>65</u>		<u>39</u>	
P15	<u>70</u>	<u>42</u>		<u>70</u>		<u>42</u>	
P16	<u>75</u>	<u>45</u>		<u>75</u>		<u>45</u>	
P17	<u>80</u>	<u>48</u>		<u>80</u>		<u>48</u>	
P18	<u>85</u>	<u>51</u>		<u>85</u>		<u>51</u>	
P19	<u>90</u>	<u>54</u>		<u>90</u>		<u>54</u>	
P20	<u>95</u>	<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

DST # 8 TR # 688

13565

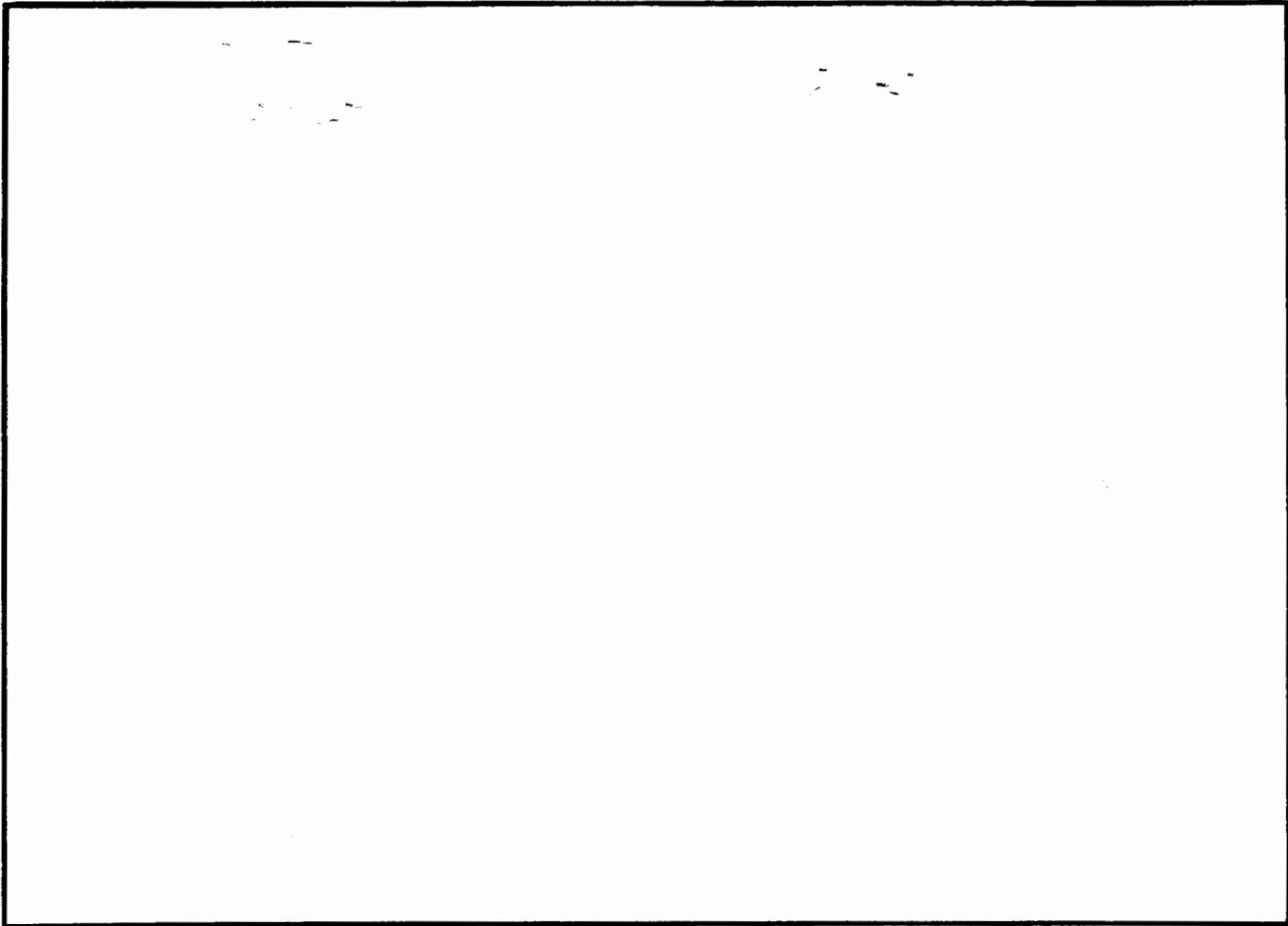


#8

#8

13767





This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1625	1625	PSI
(B) First Initial Flow Pressure	37	37	PSI
(C) First Final Flow Pressure	37	37	PSI
(D) Initial Closed-in Pressure	Not taken		PSI
(E) Second Initial Flow Pressure	Not taken		PSI
(F) Second Final Flow Pressure	Not taken		PSI
(G) Final Closed-in Pressure	Not taken		PSI
(H) Final Hydrostatic Mud	1614	1615	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Simpson Sand Effective Pay \_\_\_\_\_ ft. Ticket No. 699  
 Date 7-3-86 Sec. 27 Twp. 32 Range 2 County Harvey State Kansas  
 Test Approved by Michael Bryan Ricketts Representative Dan Delaney

Formation Test No. 9 Interval Tested from 3412 ft. to 3429 ft. Total Depth 3429 ft.  
 Packer Depth 3412 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3409 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3417 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 3420 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 39 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.0 Water Loss 8.8 cc. Drill Pipe Length 3144 I.D. 3.25 in.  
 Chlorides 1,800 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make --- Serial Number \_\_\_\_\_ Anchor Length 17 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 h in.

Blow: Weak blow Initial Flow Period. Died in 7 minutes. Flushed tool - no help.

Recovered 1 ft. of Mud.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s) 1:45 A.M. ~~P.M.~~ Time Started Off Bottom 1:53 A.M. ~~P.M.~~ Maximum Temperature 105°  
 Initial Hydrostatic Pressure ..... (A) 1630 P.S.I.  
 Initial Flow Period ..... Minutes 8 (B) 31 P.S.I. to (C) 31 P.S.I.  
 Initial Closed In Period ..... Minutes \_\_\_\_\_ (D) Not taken P.S.I.  
 Final Flow Period ..... Minutes \_\_\_\_\_ (E) Not taken P.S.I. to (F) \_\_\_\_\_ P.S.I.  
 Final Closed In Period ..... Minutes \_\_\_\_\_ (G) Not taken P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1618 P.S.I.

# RICKETTS TESTING

## Pressure Data

Date 7-3-86 Test Ticket No. 699  
 Recorder No. 13767 Capacity 4275 Location 3417 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 105 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1630</u> P.S.I.	Open Tool	<u>1:45</u> A M	
B First Initial Flow Pressure	<u>31</u> P.S.I.	First Flow Pressure	<u>8</u> Mins.	<u>8</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>N/T</u> Mins.	<u>      </u> Mins.
D Initial Closed-in Pressure	<u>Not taken</u> P.S.I.	Second Flow Pressure	<u>N/T</u> Mins.	<u>      </u> Mins.
E Second Initial Flow Pressure	<u>Not taken</u> P.S.I.	Final Closed-in Pressure	<u>N/T</u> Mins.	<u>      </u> Mins.
F Second Final Flow Pressure	<u>Not taken</u> P.S.I.			
G Final Closed-in Pressure	<u>Not taken</u> P.S.I.			
H Final Hydrostatic Mud	<u>1618</u> P.S.I.			

### PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>      </u> Inc.		Breakdown: <u>      </u> Inc.		Breakdown: <u>      </u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>3</u> Min.		final inc. of <u>      </u> Min.		final inc. of <u>      </u> Min.		final inc. of <u>      </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>0</u>		<u>0</u>		<u>0</u>	
P 2	<u>5</u>	<u>3</u>		<u>5</u>		<u>3</u>	
P 3	<u>10</u>	<u>6</u>		<u>10</u>		<u>6</u>	
P 4	<u>15</u>	<u>9</u>		<u>15</u>		<u>9</u>	
P 5	<u>20</u>	<u>12</u>		<u>20</u>		<u>12</u>	
P 6	<u>25</u>	<u>15</u>		<u>25</u>		<u>15</u>	
P 7	<u>30</u>	<u>18</u>		<u>30</u>		<u>18</u>	
P 8	<u>35</u>	<u>21</u>		<u>35</u>		<u>21</u>	
P 9	<u>40</u>	<u>24</u>		<u>40</u>		<u>24</u>	
P10	<u>45</u>	<u>27</u>		<u>45</u>		<u>27</u>	
P11	<u>50</u>	<u>30</u>		<u>50</u>		<u>30</u>	
P12	<u>55</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13	<u>60</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14	<u>65</u>	<u>39</u>		<u>65</u>		<u>39</u>	
P15	<u>70</u>	<u>42</u>		<u>70</u>		<u>42</u>	
P16	<u>75</u>	<u>45</u>		<u>75</u>		<u>45</u>	
P17	<u>80</u>	<u>48</u>		<u>80</u>		<u>48</u>	
P18	<u>85</u>	<u>51</u>		<u>85</u>		<u>51</u>	
P19	<u>90</u>	<u>54</u>		<u>90</u>		<u>54</u>	
P20	<u>95</u>	<u>57</u>		<u>95</u>		<u>57</u>	
		<u>60</u>				<u>60</u>	

DATE 7-3-86  
 SEC. 27 TWN 32<sup>23</sup> RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 699

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 9

COMPANY Jay Boy Oil Co.  
 ADDRESS 8400 Killbuck Wichita, Ks 67206  
 LEASE Walster WELL NO. A-1 COUNTY Harvey STATE Ks  
 INVOICES SENT TO: Same  
 DST COPIES SENT TO: Same

GENERAL INFORMATION			
TOOL JT. <u>4 1/2 XH</u>	HOLE SIZE <u>7 7/8</u>	PACKER O.D. <u>6 3/4</u>	
ELEV. <u>1402 R.B.</u>	TOTAL DEPTH <u>3429</u>		
TESTED FROM <u>3412</u>	TO <u>3429</u>		
ANCHOR LENGTH BELOW <u>17'</u>	BETWEEN		
TOOL OPEN 1ST FLOW <u>11:45</u>	A.M.		P.M.
TOOL CLOSED INITIAL SHUT-IN <u>11:53</u>	A.M.		P.M.
TOOL OPEN 2ND FLOW	A.M.		P.M.
TOOL CLOSED FINAL SHUT-IN	A.M.		P.M.
MUD WT. <u>9.0</u>	VISCOSITY <u>39</u>	W.L. <u>8.8</u>	C.C. <u>105°</u>
CHLORIDE <u>1800</u>	GRAVITY OIL	B.H. TEMP	
LENGTH DRILL COLLAR <u>293</u>	I.D. <u>2.25</u>		
LENGTH WEIGHT PIPE <u>9</u>	I.D.		
SUCCESSFUL TEST NO. <u>49</u>	MISRUN NO. <u>74</u>		
CHOKES: TOP	BOTTOM		

PRESSURE DATA & TIME	
	FIELD READINGS
INITIAL HYDROSTATIC	<u>1625</u>
INITIAL FLOW	<u>31</u> TO <u>31</u>
INITIAL SHUT-IN	
FINAL FLOW	
FINAL SHUT-IN	
FINAL HYDROSTATIC	<u>1614</u>
TOOL OPEN: INITIAL FLOW	<u>8</u> HR. <u>8</u> MIN.
INITIAL SHUT-IN	
FINAL FLOW	
FINAL SHUT-IN	
TOP RECORDER NO. <u>13767</u>	BOTTOM RECORDER NO. <u>13565</u>

TYPE BLOW FF - Wear Blow Chid in 7 Minutes Flushed Tool 10/18 ft

RECOVERY: 1' Mud

EXTRA EQUIPMENT None  
 APPROVED BY: M. [Signature]  
 TESTER: Don Delaney  
 FORMATION TESTED Impure Sand  
 OPERATOR TIME: Thank you

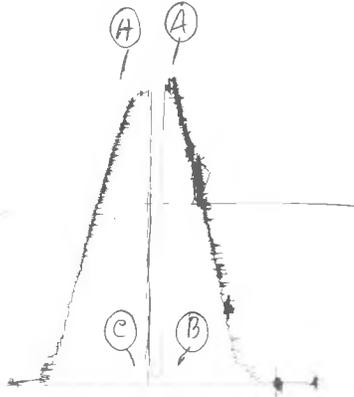
**RICKETTS TESTING**  
 SHALL NOT BE LIABLE FOR ANY DAMAGE OF ANY KIND TO THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

CHARGES	
TEST CHARGE	\$
EXTRA PACKERS	\$
JARS	\$
SAFETY JOINT	\$
HOOK WALL	\$
MISRUN CHARGE	\$
STAND-BY CHARGE	\$
STRADDLE	\$
CIRCULATING SUB.	\$
MILEAGE	\$
TOTAL	\$

#9

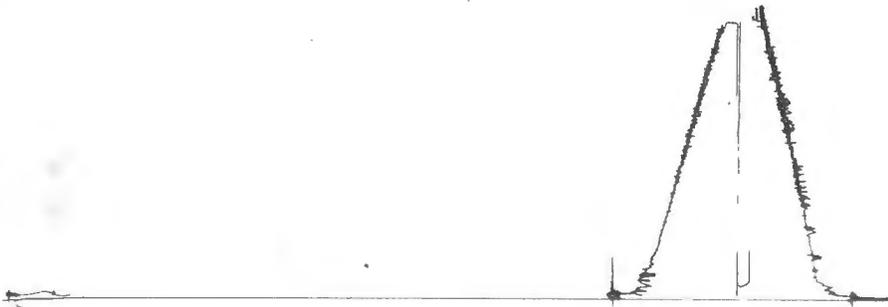
DST # 9 TK # 699

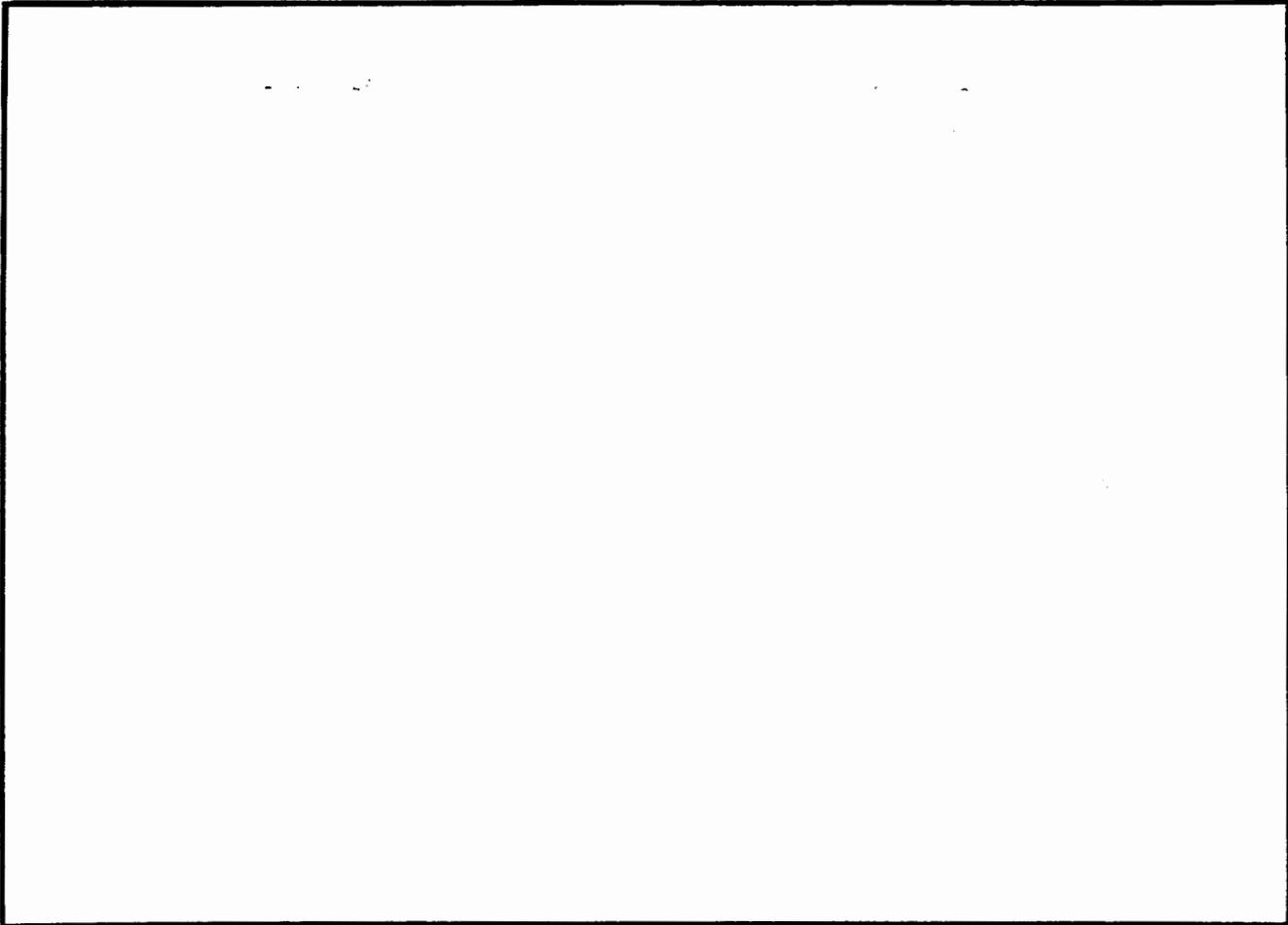
13267



#9

13265





WELL LOG

This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1625	1630	PSI
(B) First Initial Flow Pressure	31	31	PSI
(C) First Final Flow Pressure	31	31	PSI
(D) Initial Closed-in Pressure	Not taken		PSI
(E) Second Initial Flow Pressure	Not taken		PSI
(F) Second Final Flow Pressure	Not taken		PSI
(G) Final Closed-in Pressure	Not taken		PSI
(H) Final Hydrostatic Mud	1614	1618	PSI



# Ricketts Testing

Company Jay Boy Oil Company Lease & Well No. Webster #A-1  
 Elevation 1402 K.B. Formation Simpson Sand Effective Pay \_\_\_\_\_ ft. Ticket No. 700  
 Date 7-3-86 Sec. 27 Twp. 32 23 Range 2 County Harvey State Kansas  
 Test Approved by Michael Bryan Ricketts Representative Dan Delaney

Formation Test No. 10 Interval Tested from 3414 ft. to 3434 ft. Total Depth 3434 ft.  
 Packer Depth 3414 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
 Packer Depth 3411 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_  
 Top Recorder Depth (Inside) 3419 ft. Recorder Number 13767 Cap. 4275  
 Bottom Recorder Depth (Outside) 3422 ft. Recorder Number 13565 Cap. 4475  
 Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Rains & Williamson #3 Drill Collar Length 248 I.D. 2.25 in.  
 Mud Type Chemical Viscosity 42 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
 Weight 9.2 Water Loss 8.4 cc. Drill Pipe Length 3146 I.D. 3.25 in.  
 Chlorides 2,100 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make -- Serial Number \_\_\_\_\_ Anchor Length 20 ft. Size 5 1/2 in.  
 Did Well Flow? No 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 h in.

Blow: Two bubbles and died Initial Flow Period. Flushed tool - no help.  
No blow Final Flow Period.

Recovered 3 ft. of Oil specked mud.  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Remarks: \_\_\_\_\_

Time Set Packer (s) 10:45 A.M. Time Started Off Bottom 12:58 P.M. Maximum Temperature 108°  
 Initial Hydrostatic Pressure.....(A) 1645 P.S.I.  
 Initial Flow Period ..... Minutes 13 (B) 36 P.S.I. to  
 (C) 36 P.S.I.  
 Initial Closed In Period ..... Minutes 96 (D) 1221 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 36 P.S.I. to  
 (F) 36 P.S.I.  
 Final Closed In Period ..... Minutes \_\_\_\_\_ (G) Not taken P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1638 P.S.I.

# RICKETTS TESTING

## Pressure Data

Date 7-3-86 Test Ticket No 700  
 Recorder No 13767 Capacity 4275 Location 1419 Ft.  
 Clock No \_\_\_\_\_ Elevation 1402 K.B. Well Temperature 108 °F  
 Point Pressure Time Given Time Computed  
 A Initial Hydrostatic Mud 1645 P.S.I. Open Tool 10:45 A M  
 B First Initial Flow Pressure 36 P.S.I. First Flow Pressure 13 Mins. 13 Mins.  
 C First Final Flow Pressure 36 P.S.I. Initial Closed-in Pressure 90 Mins. 96 Mins.  
 D Initial Closed-in Pressure 1221 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.  
 E Second Initial Flow Pressure 36 P.S.I. Final Closed-in Pressure N/T Mins. \_\_\_\_\_ Mins.  
 F Second Final Flow Pressure 36 P.S.I.  
 G Final Closed-in Pressure Not taken P.S.I.  
 H Final Hydrostatic Mud 1638 P.S.I.

### PRESSURE BREAKDOWN

Point	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	36	0	36	0	36	0	
P 2	5	36	3	36	5	36	3	
P 3	10	36	6	36	10	36	6	
P 4	<del>10</del> 13	36	9	36	15	36	9	
P 5	20		12	45	20	36	12	
P 6	25		15	61	25	36	15	
P 7	30		18	130	30	36	18	
P 8	35		21	247	35		21	
P 9	40		24	370	40		24	
P 10	45		27	479	45		27	
P 11	50		30	601	50		30	
P 12	55		33	697	55		33	
P 13	60		36	766	60		36	
P 14	65		39	824	65		39	
P 15	70		42	876	70		42	
P 16	75		45	919	75		45	
P 17	80		48	956	80		48	
P 18	85		51	985	85		51	
P 19	90		54	1014	90		54	
P 20	95		57	1038			57	
			60	1059			60	

cont'd

# RICKETTS TESTING

## Pressure Data

Date \_\_\_\_\_ Test Ticket No. 700  
 Recorder No. \_\_\_\_\_ Capacity \_\_\_\_\_ Location \_\_\_\_\_ Ft.  
 Clock No. \_\_\_\_\_ Elevation \_\_\_\_\_ Well Temperature \_\_\_\_\_ °F

Point	Pressure	Open Tool	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 _____	
C	First Final Flow Pressure _____ P.S.I.	Initial Closed-in Pressure _____	_____ Mins _____	
D	Initial Closed-in Pressure _____ P.S.I.	Second Flow Pressure _____	_____ Mins _____	
E	Second Initial Flow Pressure _____ P.S.I.	Final Closed-in Pressure _____	_____ 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

Point Mins.	First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.	Breakdown: _____ Inc. of _____ mins. and a final inc. of _____ Min.
	Press.	Point Minutes	Press.	Point Minutes
P 1	_____	63	1082	_____
P 2	_____	66	1100	_____
P 3	_____	69	1118	_____
P 4	_____	72	1139	_____
P 5	_____	75	1150	_____
P 6	_____	78	1164	_____
P 7	_____	81	1174	_____
P 8	_____	84	1184	_____
P 9	_____	87	1194	_____
P10	_____	90	1204	_____
P11	_____	93	1212	_____
P12	_____	96	1221	_____
P13	_____	_____	_____	_____
P14	_____	_____	_____	_____
P15	_____	_____	_____	_____
P16	_____	_____	_____	_____
P17	_____	_____	_____	_____
P18	_____	_____	_____	_____
P19	_____	_____	_____	_____
P20	_____	_____	_____	_____

DATE 7-3-86  
 SEC. 27 TWN 32 RG 2  
 LEGAL DESCRIPTION SE/NE/NW

# Ricketts Testing

TICKET No 700

P. O. Box 351  
 WELLINGTON, KANSAS 67152  
 Phone (316) 326-5830

TEST NO. 10

COMPANY Tam Boya Oil Co  
 ADDRESS 8400 Killebrew Wichita, Ks. 67202  
 LEASE Webster WELL NO. A-1 COUNTY Harvey STATE Ks  
 INVOICES SENT TO: same  
 DST COPIES SENT TO: same

GENERAL INFORMATION				PRESSURE DATA & TIME			
TOOL JT. <u>4 1/2 X 11</u>	HOLE SIZE <u>7 7/8</u>	PACKER O.D. <u>6 9/4</u>		FIELD READINGS		CORRECTED READINGS	
ELEV. <u>1402 K.B.</u>	TOTAL DEPTH <u>3434</u>			INITIAL HYDROSTATIC	<u>1646</u>		
TESTED FROM <u>3414</u>	TO <u>3434</u>			INITIAL FLOW	<u>37</u>	TO	TO
ANCHOR LENGTH BELOW <u>20'</u>	BETWEEN <u>—</u>			INITIAL SHUT-IN	<u>1224</u>		
TOOL OPEN 1ST FLOW <u>10:45</u>	A.M. <u>—</u>	P.M. <u>—</u>		FINAL FLOW	<u>37</u>	TO	TO
TOOL CLOSED INITIAL SHUT-IN <u>10:58</u>	A.M. <u>—</u>	P.M. <u>—</u>		FINAL SHUT-IN	<u>—</u>		
TOOL OPEN 2ND FLOW <u>12:</u>	A.M. <u>12:28</u>	P.M. <u>—</u>		FINAL HYDROSTATIC	<u>1635</u>		
TOOL CLOSED FINAL SHUT-IN <u>—</u>	A.M. <u>—</u>	P.M. <u>—</u>		TOOL OPEN: INITIAL FLOW	<u>—</u>	HR. <u>13</u>	MIN. <u>—</u>
MUD WT. <u>9.2</u>	VISCOSITY <u>42</u>	W.L. <u>8.4</u>	C.C. <u>—</u>	INITIAL SHUT-IN	<u>—</u>	HR. <u>10</u>	MIN. <u>—</u>
CHLORIDE <u>2100</u>	GRAVITY OIL <u>—</u>	B.H. TEMP <u>108°</u>		FINAL FLOW	<u>—</u>	HR. <u>30</u>	MIN. <u>—</u>
LENGTH DRILL COLLAR <u>248</u>	I.D. <u>2.25</u>			FINAL SHUT-IN	<u>—</u>	HR. <u>—</u>	MIN. <u>—</u>
LENGTH WEIGHT PIPE <u>—</u>	I.D. <u>—</u>			TOP RECORDER NO. <u>13767</u>		BOTTOM RECORDER NO. <u>13565</u>	
SUCCESSFUL TEST NO. <u>10</u>	MISRUN NO. <u>—</u>						
CHOKES: TOP <u>3/4</u>	BOTTOM <u>3/4</u>						

TYPE BLOW IF - Two Bubbles and Drill Fluided tool No Help  
FF: No Blow  
 RECOVERY: 3' OIL SPECKED MUD

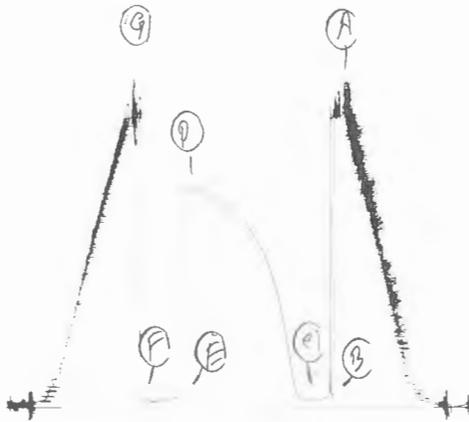
EXTRA EQUIPMENT None  
 APPROVED BY: Michael By... **RICKETTS TESTING**  
 TESTER: Don Danner  
 FORMATION TESTED —  
 OPERATOR TIME: Thank You

SHALL NOT BE LIABLE FOR ANY DAMAGE 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, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST WAS MADE.

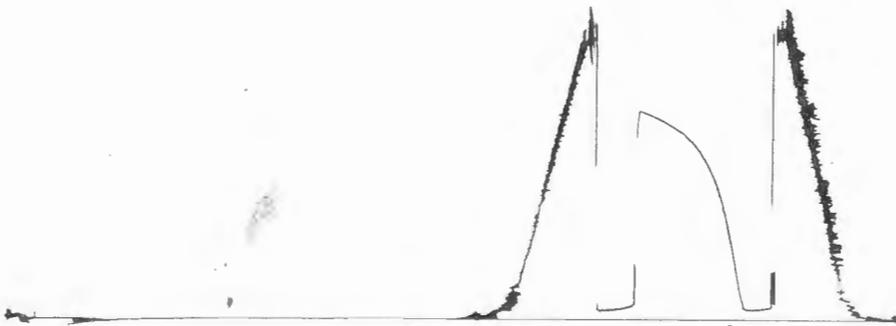
CHARGES	
TEST CHARGE	\$
EXTRA PACKERS	\$
JARS	\$
SAFETY JOINT	\$
HOOK WALL	\$
MISRUN CHARGE	\$
STAND-BY CHARGE	\$
STRADDLE	\$
CIRCULATING SUB.	\$
MILEAGE	\$
TOTAL	\$

DST # 10 TK # 700

13767



13565



JAY BOY

This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	1646	1645	PSI
(B) First Initial Flow Pressure .....	37	36	PSI
(C) First Final Flow Pressure .....	37	36	PSI
(D) Initial Closed-in Pressure .....	1224	1221	PSI
(E) Second Initial Flow Pressure .....	37	36	PSI
(F) Second Final Flow Pressure .....	37	36	PSI
(G) Final Closed-in Pressure .....	Not taken		PSI
(H) Final Hydrostatic Mud .....	1635	1638	PSI