



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

WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET No.

9089

OK

Elevation \_\_\_\_\_ Formation Cherokee Eff. Pay \_\_\_\_\_ Ft.

District Pratt Date 1-13-81 Customer Order No. *Int 737*

COMPANY NAME Robinson Oil Company  
ADDRESS R. H. Garvey Bld. 300 W. Douglas Wichita KS

LEASE AND WELL NO. Landwehr B-1 COUNTY Barber STATE KS Sec. 6 Twp. 33 Range 10

Mail Invoice To Same No. Copies Requested Reg

Co. Name Same No. Copies Requested Reg

Mail Charts To Same No. Copies Requested Reg

Formation Test No. 1 Interval Tested from 4490 ft. to 4855 ft. Total Depth 4555 ft.

Packer Depth 4485 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4490 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4493 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4552 ft. Recorder Number 1565 Cap. 4900

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Sweetwater 21 Drill Collar Length 240 I. D. 2.2 in.

Mud Type starch Viscosity 48 Weight Pipe Length I. D. in.

Weight 9.3 Water Loss 7 cc. Drill Pipe Length 4230 I. D. 3.8 in.

Chlorides N/C P.P.M. Test Tool Length 20 Tool Size 5 1/2 OD in.

Jars: Make Serial Number — Anchor Length 31 - 34 ft. Size 5 1/2 OD in.

Did Well Flow? NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Reversed Out NO Main Hole Size 7 1/8 in. Tool Joint Size 4 1/2 FT in.

Blow: Strong - ~~Gas~~ Gass flow 8 min - See Gas flow Report attached sheet for gas measurements

Recovered 70 ft. of Gas Cut Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

1-13-81  
1980

Time On Location 10:30 A.M. Time Pick Up Tool 1:30 A.M. Time Off Location 10:00 A.M.

Time Set Packer(s) 3:45 P.M. Time Started Off Bottom 7:00 A.M. Maximum Temperature 125

Initial Hydrostatic Pressure ..... (A) 2312 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 68 P.S.I. to (C) 54 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 1634 P.S.I.

Final Flow Period ..... Minutes 60 (E) 54 P.S.I. to (F) 40 P.S.I.

Final Closed In Period ..... Minutes 60 (G) 1525 P.S.I.

Final Hydrostatic Pressure ..... (H) 2312 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 *Pay Goodin*  
Signature of Customer or his authorized representative

Western Representative *Jeff Pitsoski Thankyou*

*Mark Algeat Aug 1981*

FIELD INVOICE

Open Hole Test	\$ <i>700.00</i>
Misrun	\$ _____
Straddle Test	\$ _____
Jars	\$ _____
Selective Zone	\$ _____
Safety Joint	\$ _____
Standby	\$ _____
Evaluation	\$ _____
Extra Packer	\$ _____
Circ. Sub.	\$ _____
Mileage 50	\$ <i>37.50</i>
Fluid Sampler	\$ _____
Extra Charts	\$ _____
Insurance	\$ _____
<b>TOTAL</b>	\$ <i>737.50</i>



**Nº 2282**

# GAS FLOW REPORT

Date 1-13-81 Ticket 9089 Company Robinson Oil Company  
Well Name and No. Handwehr B-1 Dst No. 1 Interval Tested 4490 - 4555  
County Barber State KS Sec. 6 Twp. 33s Rg. 10w

## SECOND FLOW

## **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 1½% 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

COMPANY'S NAME Robinson Oil Company  
Authorized by Ray Jordan

**WESTERN TESTING CO., INC.**  
Pressure Data

Date 1-13

Recorder No. 5673

Test Ticket No. 9089

Clock No. \_\_\_\_\_

Elevation \_\_\_\_\_

Capacity 5400

Location 4493 Ft.

Well Temperature 125

°F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2311</u>	P.S.I.
B First Initial Flow Pressure	<u>96</u>	P.S.I.
C First Final Flow Pressure	<u>63</u>	P.S.I.
D Initial Closed-in Pressure	<u>1638</u>	P.S.I.
E Second Initial Flow Pressure	<u>66</u>	P.S.I.
F Second Final Flow Pressure	<u>44</u>	P.S.I.
G Final Closed-in Pressure	<u>1530</u>	P.S.I.
H Final Hydrostatic Mud	<u>2311</u>	P.S.I.

Time Given	Time Computed
<u>3:45</u> A.M.	
<u>30</u> Mins.	<u>30</u> Mins.
<u>45</u> Mins.	<u>45</u> Mins.
<u>60</u> Mins.	<u>60</u> Mins.
<u>60</u> Mins.	<u>60</u> Mins.

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
Breakdown: 6 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Initial Shut-In**  
Breakdown: 15 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

**Second Flow Pressure**  
Breakdown: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

**Final Shut-In**  
Breakdown: 20 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	<u>96</u>
P 2	5	<u>71</u>
P 3	10	<u>66</u>
P 4	15	<u>63</u>
P 5	20	<u>5</u>
P 6	25	<u>1543</u>
P 7	30	<u>1568</u>
P 8	35	<u>1584</u>
P 9	40	<u>1597</u>
P10	45	<u>1605</u>
P11	50	<u>1614</u>
P12	55	<u>1622</u>
P13	60	<u>1630</u>
P14		<u>1635</u>
P15		<u>1637</u>
P16		<u>1638</u>
P17		<u>48</u>
P18		<u>51</u>
P19		<u>54</u>
P20		<u>57</u>

Point	Minutes	Press.
	0	<u>63</u>
	3	<u>883</u>
	6	<u>1257</u>
	9	<u>1441</u>
	12	<u>1508</u>
	15	<u>1543</u>
	18	<u>1568</u>
	21	<u>1584</u>
	24	<u>1597</u>
	27	<u>1605</u>
	30	<u>1614</u>
	33	<u>1622</u>
	36	<u>1630</u>
	39	<u>1635</u>
	42	<u>1637</u>
	45	<u>1638</u>
	48	
	51	
	54	
	57	
	60	

Point	Minutes	Press.
	0	<u>66</u>
	5	<u>55</u>
	10	<u>49</u>
	15	<u>46</u>
	20	<u>46</u>
	25	<u>44</u>
	30	
	35	
	40	
	45	<u>44</u>
	50	
	55	
	60	<u>44</u>
	65	
	70	
	75	
	80	
	85	
	90	

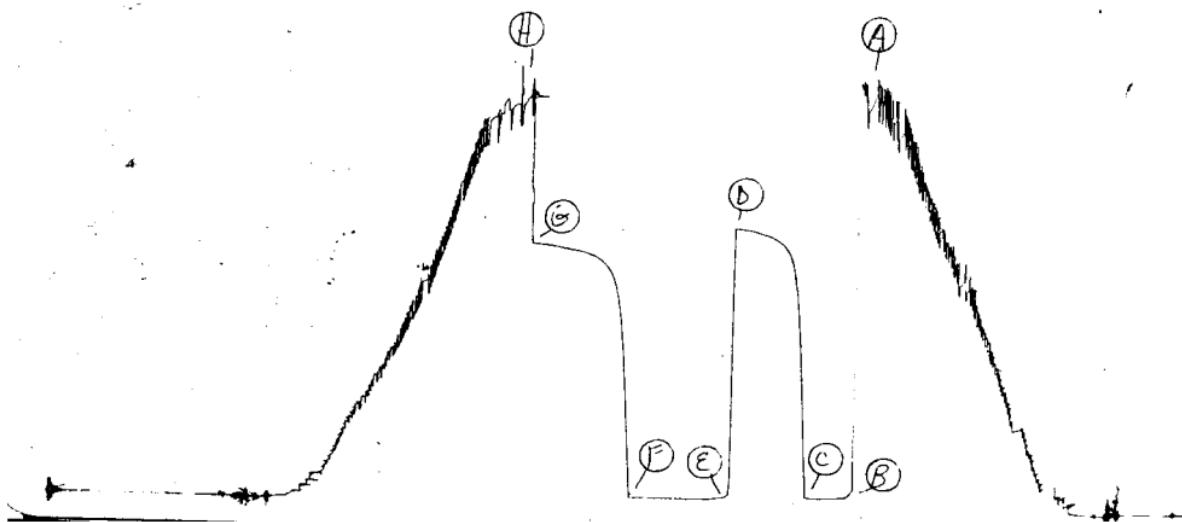
Point	Minutes	Press.
	0	<u>44</u>
	3	<u>672</u>
	6	<u>1068</u>
	9	<u>1246</u>
	12	<u>1351</u>
	15	<u>1395</u>
	18	<u>1427</u>
	21	<u>1449</u>
	24	<u>1465</u>
	27	<u>1473</u>
	30	<u>1484</u>
	33	<u>1492</u>
	36	<u>1497</u>
	39	<u>1503</u>
	42	<u>1505</u>
	45	<u>1511</u>
	48	<u>1519</u>
	51	<u>1522</u>
	54	<u>1524</u>
	57	<u>1527</u>
	60	<u>1530</u>

5623

DST 41

TKT # 9089

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Company	Robinson Oil Company			Lease & Well No.	Landwehr "B" #1		
Elevation	-----	Formation	Cherokee	Effective Pay	---	Ft.	Ticket No.
Date	1/13/81	Sec. 6	Twp 33S	Range 10W	County Barber	State Kansas	9089
Test Approved by	Ray Goodin			Western Representative	Jeff Piotrowski -Mark Auzat		
Formation Test No.	1	Interval Tested from	4490	ft. to	4555	ft. Total Depth	4555 ft.
Packer Depth	4485	ft. Size	6 3/4 in.	Packer Depth	-	ft. Size	- in.
Packer Depth	4490	ft. Size	6 3/4 in.	Packer Depth	-	ft. Size	- in.
Depth of Selective Zone Set	-			Recorder Number	5673	Cap.	5400
Top Recorder Depth (Inside)	4493 ft.			Recorder Number	1565	Cap.	4900
Bottom Recorder Depth (Outside)	4552 ft.			Recorder Number	-	Cap.	-
Below Straddle Recorder Depth	-			Recorder Number	-	Cap.	-
Drilling Contractor	Sweetman Drilg. Rig #1			Drill Collar Length	240	I. D.	2.2 in.
Mud Type	starch	Viscosity	48	Weight Pipe Length	-	I. D.	- in.
Weight	9.3	Water Loss	7 cc.	Drill Pipe Length	4230	I. D.	3.8 in.
Chlorides	N/C	P.P.M.		Test Tool Length	20 ft.	Tool Size	5 1/2 OD in.
Jars: Make	-	Serial Number	-	Anchor Length	D.C. 31-34 ft.	Size	5 1/2 OD in.
Did Well Flow?	No	Reversed Out	No	Surface Choke Size	3/4 in.	Bottom Choke Size	3/4 in.
Blow:	Strong. Gas to surface eight minutes. See attached sheet for gas measurements.						

Recovered 70 ft. of gas cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set	Packer(s)	3:45 A.M.	Time Started	Off Bottom	7:00 A.M.	2311 P.S.I.	Maximum Temperature	125°
Initial Hydrostatic Pressure				(A)				
Initial Flow Period			Minutes 30	(B)	96	P.S.I. to (C)	63	P.S.I.
Initial Closed In Period			Minutes 45	(D)	1638	P.S.I.		
Final Flow Period			Minutes 60	(E)	66	P.S.I. to (F)	44	P.S.I.
Final Closed In Period			Minutes 60	(G)	1530	P.S.I.		
Final Hydrostatic Pressure				(H)	2311	P.S.I.		

## GAS FLOW REPORT

Date 1/13/81 Ticket 9089 Company Robinson Oil Company  
 Well Name and No. Landwehr "B" #1 Dst No. 1 Interval Tested 4490'-4555'  
 County Barber State Kansas Sec. 6 Twp. 33S Rg. 10W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
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## PRE FLOW

## SECOND FLOW

## **GAS BOTTLE**

Serial No. -- Date Bottle Filled --- Date to be Invoiced 1/13/81

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.

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COMPANY'S NAME

## Robinson Oil Company

Ray Goodin

Authorized by —

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date	1/13/81	Test Ticket No.	9089
Recorder No.	5673	Capacity	5400
Clock No.	--	Elevation	---
Well Temperature	125	Location	4493 Ft.
<b>Point</b>		<b>Time Given</b>	<b>Time Computed</b>
A Initial Hydrostatic Mud	2311	P.S.I.	Open Tool
B First Initial Flow Pressure	96	P.S.I.	First Flow Pressure
C First Final Flow Pressure	63	P.S.I.	Initial Closed-in Pressure
D Initial Closed-in Pressure	1638	P.S.I.	Second Flow Pressure
E Second Initial Flow Pressure	66	P.S.I.	Final Closed-in Pressure
F Second Final Flow Pressure	44	P.S.I.	
G Final Closed-in Pressure	1530	P.S.I.	
H Final Hydrostatic Mud	2311	P.S.I.	

**PRESSURE BREAKDOWN**

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown:	6 Inc.	Breakdown:	15 Inc.	Breakdown:	12 Inc.	Breakdown:	20 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	Press.	Point	Minutes	Point	Press.	Point	Press.
Mins.		Minutes		Minutes		Minutes	
P 1	0	96	0	63	0	66	44
P 2	5	71	3	883	5	55	672
P 3	10	66	6	1257	10	49	1068
P 4	15	63	9	1441	15	46	1246
P 5	20	63	12	1508	20	46	1351
P 6	25	63	15	1543	25	44	1395
P 7	30	63	18	1568	30	44	1427
P 8			21	1584	35	44	1449
P 9			24	1597	40	44	1465
P10			27	1605	45	44	1473
P11			30	1614	50	44	1584
P12			33	1622	55	44	1492
P13			36	1630	60	44	1497
P14			39	1635			1503
P15			42	1637			1505
P16			45	1638			1511
P17							1519
P18							1522
P19							1524
P20							1527
							1530



WESTERN TESTING CO., INC.  
FORMATION TESTING

TICKET NO. 9090 OK

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

Elevation \_\_\_\_\_ Formation \_\_\_\_\_ Eff. Pay \_\_\_\_\_ Ft.

District Pratt Date 1-13-81 Customer Order No. \_\_\_\_\_

COMPANY NAME Robinson Oil Company Date 737  
ADDRESS R. H. Garvey Bld. 300 W. Douglas Wichita KS

LEASE AND WELL NO. Landwehr B-1 COUNTY Berber STATE KS SEC. 6 Twp. 33 Range 10W

Mail Invoice To Same No. Copies Requested Reg

Co. Name Same Address \_\_\_\_\_ No. Copies Requested Reg

Mail Charts To Same Address \_\_\_\_\_ No. Copies Requested Reg

Formation Test No. 2 Interval Tested from 4565 ft. to 4580 ft. Total Depth 4580 ft.

Packer Depth 4560 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Packer Depth 4565 ft. Size 6 1/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

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

Top Recorder Depth (Inside) 4568 ft. Recorder Number 5673 Cap. 5400

Bottom Recorder Depth (Outside) 4577 ft. Recorder Number 1565 Cap. 4900

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

Drilling Contractor Sweetman Drill Collar Length 240 I. D. 2 1/2 in.

Mud Type Starch Viscosity 48 Weight Pipe Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.

Weight 9.3 Water Loss 10 cc. Drill Pipe Length 4505 I. D. 3.8 in.

Chlorides N/C P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.

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

Did Well Flow? NO Reversed Out NO Surface Choke Size 3 1/4 in. Bottom Choke Size 3 1/4 in.

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

Blow: Strong Gass flow 3 min - See Gass flow Report attached

sheet for gass measurements

Recovered 30 ft. of ~~Gas~~ Cut Mud

Recovered 60 ft. of Muddy Water

Recovered 600 ft. of Water

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

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

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

100% 1980

RECEIVED

Time On Location 4:30 A.M. Time Pick Up Tool 5:00 A.M. Time Off Location 12:30 A.M.

Time Set Packer(s) 6:30 A.M. Time Started Off Bottom 10:00 A.M. Maximum Temperature 126

Initial Hydrostatic Pressure ..... (A) 2380 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 95 P.S.I. to (C) 163 P.S.I.

Initial Closed In Period ..... Minutes 45 (D) 874 P.S.I.

Final Flow Period ..... Minutes 60 (E) 163 P.S.I. to (F) 300 P.S.I.

Final Closed In Period ..... Minutes 75 (G) 874 P.S.I.

Final Hydrostatic Pressure ..... (H) 2380 P.S.I.

COMPANY TERMS

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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 Ray Goodin  
Signature of Customer or his authorized representative

Western Representative Jeff Protowick

Thank you

FIELD INVOICE

Open Hole Test \$ 700.00  
Misrun \$ \_\_\_\_\_  
Straddle Test \$ \_\_\_\_\_  
Jars \$ \_\_\_\_\_  
Selective Zone \$ \_\_\_\_\_  
Safety Joint \$ \_\_\_\_\_  
Standby \$ \_\_\_\_\_  
Evaluation \$ \_\_\_\_\_  
Extra Packer \$ \_\_\_\_\_  
Circ. Sub. \$ \_\_\_\_\_  
Mileage 50 \$ 239.50  
Fluid Sampler \$ \_\_\_\_\_  
Extra Charts \$ \_\_\_\_\_  
Insurance \$ \_\_\_\_\_  
TOTAL \$ 737.50



**Nº 2283**

# GAS FLOW REPORT

Date 1-13-80 Ticket 9090 Company Robinson Oil Company  
Well Name and No. Landwehr B-1 Dst No. 2 Interval Tested 4565-80  
County Barber State KS Sec. 4 Twp. 33s Rg. 10w

## **SECOND FLOW**

10	7.0	$\frac{3}{4}$ "		
20	6.0	"	OK 211,000	cfd
30	6.0	"	OK 194,000	"
40	6.0	"	"	"
50	6.0	"	"	"
60	6.0	"	"	"

## **GAS BOTTLE**

Serial No.        Date Bottle Filled        Date to be Invoiced        1-13-81

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.

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COMPANY'S NAME

Authorized by:

AMERICAN  
Pabonico Oil Company  
Perry Isadore

## WESTERN TESTING CO., INC.

## Pressure Data

Date 1-13Recorder No. 5673Clock No. Elevation Capacity 5400Test Ticket No. 9090Location 4568 Ft.Well Temperature 126 °F

Point	Pressure	P.S.I.	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2395</u>		Open Tool	<u>6:30 P.M.</u>
B First Initial Flow Pressure	<u>112</u>		First Flow Pressure	<u>30 Mins. 30 Mins.</u>
C First Final Flow Pressure	<u>167</u>		Initial Closed-in Pressure	<u>45 Mins. 45 Mins.</u>
D Initial Closed-in Pressure	<u>888</u>		Second Flow Pressure	<u>60 Mins. 60 Mins.</u>
E Second Initial Flow Pressure	<u>180</u>		Final Closed-in Pressure	<u>75 Mins. 78 Mins.</u>
F Second Final Flow Pressure	<u>309</u>			
G Final Closed-in Pressure	<u>872</u>			
H Final Hydrostatic Mud	<u>2395</u>			

## PRESSURE BREAKDOWN

## First Flow Pressure

Breakdown: 6 Inc.  
of 5 mins. and a  
final inc. of 0 Min.Initial Shut-In  
Breakdown: 15 Inc.  
of 3 mins. and a  
final inc. of 0 Min.Second Flow Pressure  
Breakdown: 12 Inc.  
of 5 mins. and a  
final inc. of 0 Min.Final Shut-In  
Breakdown: 26 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

Point	Mins.	Press.
P 1	0	<u>112</u>
P 2	5	<u>109</u>
P 3	10	<u>111</u>
P 4	15	<u>120</u>
P 5	20	<u>139</u>
P 6	25	<u>153</u>
P 7	30	<u>167</u>
P 8	35	
P 9	40	
P10	45	
P11	50	
P12	55	
P13	60	
P14		
P15		
P16		
P17		
P18		
P19		
P20		

Point	Minutes	Press.
	0	<u>167</u>
	3	<u>844</u>
	6	<u>858</u>
	9	<u>863</u>
	12	<u>874</u>
	15	<u>877</u>
	18	<u>880</u>
	21	<u>882</u>
	24	<u>883</u>
	27	<u>884</u>
	30	<u>885</u>
	33	<u>885</u>
	36	<u>886</u>
	39	<u>886</u>
	42	<u>887</u>
	45	<u>888</u>
	48	
	51	
	54	
	57	
	60	

Point	Minutes	Press.
	0	<u>180</u>
	5	<u>180</u>
	10	<u>194</u>
	15	<u>204</u>
	20	<u>219</u>
	25	<u>230</u>
	30	<u>246</u>
	35	<u>254</u>
	40	<u>268</u>
	45	<u>279</u>
	50	<u>287</u>
	55	<u>301</u>
	60	<u>309</u>
	65	
	70	
	75	
	80	
	85	
	90	

Point	Minutes	Press.
	0	<u>309</u>
	3	<u>825</u>
	6	<u>836</u>
	9	<u>844</u>
	12	<u>850</u>
	15	<u>852</u>
	18	<u>854</u>
	21	<u>856</u>
	24	<u>858</u>
	27	<u>861</u>
	30	<u>863</u>
	33	<u>864</u>
	36	<u>865</u>
	39	<u>866</u>
	42	<u>867</u>
	45	<u>868</u>
	48	<u>869</u>
	51	<u>869</u>
	54	<u>870</u>
	57	<u>871</u>
	60	<u>872</u>

## WESTERN TESTING CO., INC.

## Pressure Data

Date \_\_\_\_\_

Test Ticket No. 9090

Recorder No. \_\_\_\_\_

Capacity \_\_\_\_\_

Location \_\_\_\_\_

Ft.

Clock No. \_\_\_\_\_

Elevation \_\_\_\_\_

Well Temperature \_\_\_\_\_

°F

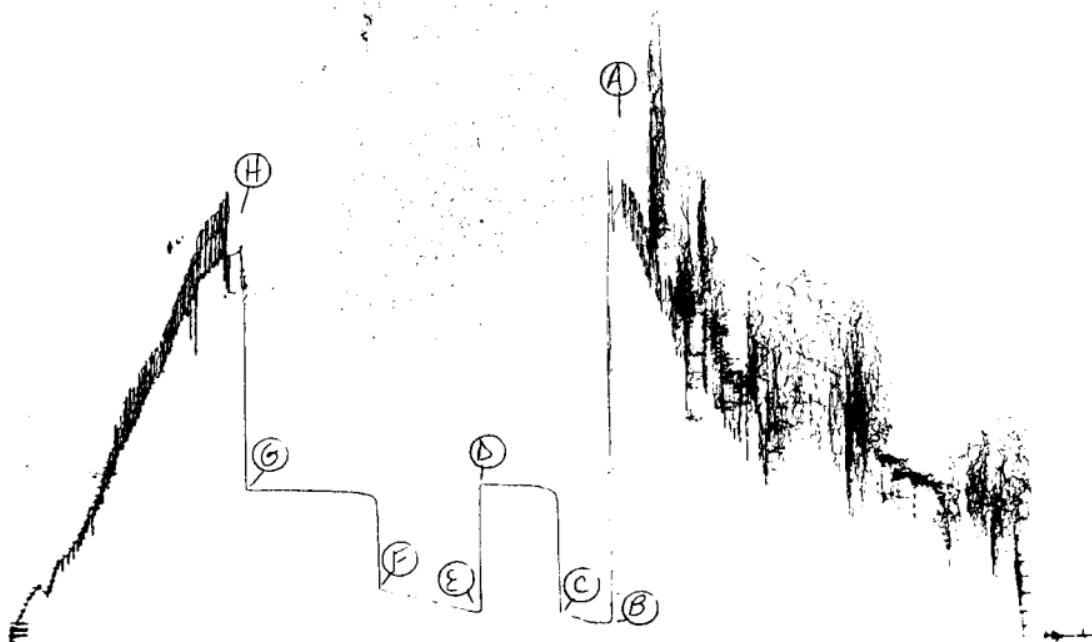
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud.	P.S.I.	Open Tool		M.
B First Initial Flow Pressure	P.S.I.	First Flow Pressure		Mins. Mins.
C First Final Flow Pressure	P.S.I.	Initial Closed-in Pressure		Mins. Mins.
D Initial Closed-in Pressure	P.S.I.	Second Flow Pressure		Mins. Mins.
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	
Point	Mins.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
P 1		of 5	mins. and a	of 3	mins. and a	of 5	mins. and a
P 2		final inc. of 0	Min.	final inc. of 0	Min.	final inc. of 0	Min.
P 3							
P 4							
P 5							
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

5673  
DST 42

TKT # 9090  
I



Company	Robinson Oil Company		Lease & Well No.	Landwehr "B" #1	
Elevation	-----		Formation	Mississippi	
Date	1/14/81	Sec. 6	Twp 33S	Range 10W	County Barber State Kansas
Test Approved by	Ray Goodin		Western Representative	Jeff Piotrowski	
Formation Test No.	2	Interval Tested from	4565	ft. to	4580 ft. Total Depth 4580 ft.
Packer Depth	4560	ft. Size	6 3/4 in.	Packer Depth	- ft. Size - in.
Packer Depth	4565	ft. Size	6 3/4 in.	Packer Depth	- ft. Size - in.
Depth of Selective Zone Set	-				
Top Recorder Depth (Inside)	4568 ft.		Recorder Number	5673	Cap. 5400
Bottom Recorder Depth (Outside)	4577 ft.		Recorder Number	1565	Cap. 4500
Below Straddle Recorder Depth	- ft.		Recorder Number	-	Cap. -
Drilling Contractor	Sweetman Drilling		Drill Collar Length	240	I. D. 2.2 in.
Mud Type	starch	Viscosity	48	Weight Pipe Length	- I. D. - in.
Weight	9.3	Water Loss	10 cc.	Drill Pipe Length	4505 I. D. 3.8 in.
Chlorides	N/C	P.P.M.	Test Tool Length	20 ft.	Tool Size 5 1/2 OD in.
Jars: Make	-	Serial Number	Anchor Length	15 ft.	Size 5 1/2 OD in.
Did Well Flow?	No	Reversed Out No	Surface Choke Size	3/4 in.	Bottom Choke Size 3/4 in.
Blow:	Strong. Gas to surface in three minutes. See attached sheet for gas measurements.				

Recovered 30 ft. of gas cut mud  
 Recovered 60 ft. of muddy water  
 Recovered 600 ft. of water Chlorides 111,000 ppm  
 Recovered ft. of  
 Recovered ft. of  
 Remarks:

Time Set Packer(s)	6:30	A.M.	Time Started Off Bottom	10:00	A.M.	Maximum Temperature	126°
Initial Hydrostatic Pressure	.....	(A)	2395	.....	P.S.I.		
Initial Flow Period	.....	Minutes	30	(B)	112	P.S.I. to (C)	167 P.S.I.
Initial Closed In Period	.....	Minutes	45	(D)	888	.....	
Final Flow Period	.....	Minutes	60	(E)	180	P.S.I. to (F)	309 P.S.I.
Final Closed In Period	.....	Minutes	78	(G)	872	.....	
Final Hydrostatic Pressure	.....	(H)	2395	.....	P.S.I.		

## GAS FLOW REPORT

Date 1/13/81 Ticket 9090 Company Robinson Oil Company  
 Well Name and No. Landwehr "B" #1 Dst No. 2 Interval Tested 4565' - 4580'  
 County Barber State Kansas Sec. 6 Twp. 33S Rg. 10W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface in three minutes.						<b>PRE FLOW</b>
	10 min.	7.0 PSIG	3/4" orifice			211,000 CFPD
	20 min.	7.0 PSIG	3/4" orifice			211,000 CFPD
	30 min.	7.0 PSIG	3/4" orifice			211,000 CFPD

## **SECOND FLOW**

## **GAS BOTTLE**

Serial No. -- Date Bottle Filled --- Date to be Invoiced 1/13/81

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 1½% 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 Robinson Oil Company

Authorized by Ray Goodin

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 1/13/81

Recorder No.	5673	Capacity	5400	Location	4568	Ft.
Clock No.	-	Elevation	-	Well Temperature	126	°F
Point		Pressure		Time Given	Time Computed	
A Initial Hydrostatic Mud	2395	P.S.I.	Open Tool	6:30P	M	
B First Initial Flow Pressure	112	P.S.I.	First Flow Pressure	30	Mins.	30 Mins.
C First Final Flow Pressure	167	P.S.I.	Initial Closed-in Pressure	45	Mins.	45 Mins.
D Initial Closed-in Pressure	888	P.S.I.	Second Flow Pressure	60	Mins.	60 Mins.
E Second Initial Flow Pressure	180	P.S.I.	Final Closed-in Pressure	75	Mins.	78 Mins.
F Second Final Flow Pressure	309	P.S.I.				
G Final Closed-in Pressure	872	P.S.I.				
H Final Hydrostatic Mud	2395	P.S.I.				

## PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In		
Breakdown:	6	Inc.	Breakdown:	15	Inc.	Breakdown:	12	Inc.
of	5	mins. and a	of	3	mins. and a	of	5	mins. and a
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	112	0	167	0	180	309	
P 2	5	109	3	844	5	180	825	
P 3	10	111	6	858	10	194	836	
P 4	15	120	9	863	15	204	844	
P 5	20	139	12	874	20	219	850	
P 6	25	153	15	877	25	230	852	
P 7	30	167	18	880	30	246	854	
P 8			21	882	35	254	856	
P 9			24	883	40	268	858	
P10			27	884	45	279	861	
P11			30	885	50	287	863	
P12			33	885	55	301	864	
P13			36	886	60	309	865	
P14			39	886			866	
P15			42	887			867	
P16			45	888			868	
P17							869	
P18							869	
P19							870	
P20							871	

**WESTERN TESTING-CO., INC.**  
**Pressure Data**

Date	1/13/81	Test Ticket No.	9090
Recorder No.	5673	Capacity	5400
Clock No.	-	Elevation	-
		Well Temperature	126 °F
<b>Point</b>	<b>Pressure</b>	<b>Time Given</b>	<b>Time Computed</b>
A Initial Hydrostatic Mud	2395 P.S.I.	Open Tool	6:30P M
B First Initial Flow Pressure	112 P.S.I.	First Flow Pressure	30 Mins. 30 Mins.
C First Final Flow Pressure	167 P.S.I.	Initial Closed-in Pressure	45 Mins. 45 Mins.
D Initial Closed-in Pressure	888 P.S.I.	Second Flow Pressure	60 Mins. 60 Mins.
E Second Initial Flow Pressure	180 P.S.I.	Final Closed-in Pressure	75 Mins. 78 Mins.
F Second Final Flow Pressure	309 P.S.I.		
G Final Closed-in Pressure	872 P.S.I.		
H Final Hydrostatic Mud	2395 P.S.I.		

**PRESSURE BREAKDOWN**

<b>First Flow Pressure</b>		<b>Initial Shut-In</b>		<b>Second Flow Pressure</b>		<b>Final Shut-In</b>	
Breakdown:	6 Inc.	Breakdown:	15 Inc.	Breakdown:	12 Inc.	Breakdown:	26 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.
<b>Point</b>	<b>Press.</b>	<b>Point</b>	<b>Press.</b>	<b>Point</b>	<b>Press.</b>	<b>Point</b>	<b>Press.</b>
Mins.		Minutes		Minutes		Minutes	
P 1						63	872
P 2						66	872
P 3						69	872
P 4						72	872
P 5						75	872
P 6						78	872
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							