



WESTERN TESTING CO., INC.

P.O. BOX 1599 - WICHITA, KANSAS 67201

WELL REPORT NO.

15835

UNIT NO

DISTRICT

DATE

3/16/82

Robinson Oil Company
Suite 737, R. H. Garvey Bldg.
300 West Douglas
Wichita, Kansas 67202

FOR CUSTOMER'S USE ONLY

REGISTER NO	VOUCHER NO
TERMS APPROVED	PRICE APPROVED
CALCULATIONS CHECKED	
ADJUSTMENTS	
ACCOUNTING DISTRIBUTION	
AUDITED	FINAL APPROVAL

YOUR ORDER NO.	OWNER	CONTRACTOR
WELL NO.	FARM	COUNTY
#1	Schrock "B"	Harper County, Ks.
		SECTION TWP RANGE
		8 31S 5W

One drill stem test from 3165' to 3240'
Telecopy Charge

(Test #1) \$ 625.00
50.00

\$ 675.00

POSTED

3-24-82
11 more copies prepared - No chg.

DISCOUNT	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20TH OF THE FOLLOWING MONTH	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE	INVOICE NUMBER
6.75			15835

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET

No

15835

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1330 RB

Formation

STAINAKER

Eff. Pay Ft.

District

PRATT

Date

3-16-82

Customer Order No.

COMPANY NAME

Robinson Oil Co

ADDRESS

737 R. H. Garvey Bldg

Wichita

67202-2992

LEASE AND WELL NO.

#5 Schrock RB-1

COUNTY

Harper

STATE

Kansas

Sec.

8

Twp.

31S

Rge.

5W

Mail Invoice To

Co. Name

Same

Address

No. Copies Requested

15

Mail Charts To

Same

Address

No. Copies Requested

15

Formation Test No.

1

Interval Tested From

3165

ft. to

3240

ft. Total Depth

3240

ft.

Packer Depth

3160

ft.

Size

6 3/4

in.

Packer Depth

—

ft.

Size

—

in.

Packer Depth

3165

ft.

Size

6 3/4

in.

Packer Depth

—

ft.

Size

—

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

3168

ft.

Recorder Number

2606

Cap.

4150

Bottom Recorder Depth (Outside)

3171

ft.

Recorder Number

4332

Cap.

4200

Below Straddle Recorder Depth

—

ft.

Recorder Number

—

Cap.

—

Drilling Contractor

Sweetman Drilling

Drill Collar Length

283

I. D.

2 1/4

in.

Mud Type

Chem

Viscosity

44

Weight Pipe Length

—

I. D.

—

in.

Weight

9.3

Water Loss

38

cc.

Drill Pipe Length

2892

I. D.

3.8

in.

Chlorides

—

P.P.M.

Test Tool Length

20

ft.

Tool Size

5/200

in.

Jars: Make

NO

Serial Number

—

Anchor Length

30 + 45-25

Size

6 1/4 + 5/200

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:

Strong blow on initial flow period

Strong blow decreasing on final flow

Recovered

372

ft. of

oil & gas cut mud

Recovered

744

ft. of

slightly watery oil & gas cut mud

Recovered

496

ft. of

Heavy oil & gas cut mud

15% GAS, 25% OIL, 40% WTR, 20% MUD

Recovered

372

ft. of

mud & gas cut watery oil

Recovered

620

ft. of

slightly oil & gas cut muddy water

Remarks:

TOOK SLID 2 FT. AFTER OPENING.

SHUT-IN TOOL PLUGGED W/ CUTTINGS

Chlorides 122,000 P.P.M.

Time On Location

1:30

A.M.

Time Pick Up Tool

4:00

A.M.

Time Off Location

12:30

A.M.

Time Set Packer(s)

5:05

P.M.

Time Started Off Bottom

7:35

P.M.

Maximum Temperature

125°F

Initial Hydrostatic Pressure

(A)

1611

P.S.I.

Initial Flow Period

Minutes

30

(B)

624

P.S.I. to (C)

779

P.S.I.

Initial Closed In Period

Minutes

45

(D)

1173

P.S.I.

Final Flow Period

Minutes

30

(E)

966

P.S.I. to (F)

1018

P.S.I.

Final Closed In Period

Minutes

45

(G)

1122

P.S.I.

Final Hydrostatic Pressure

(H)

1506

P.S.I.

COMPANY TERMS

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

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

Test Approved By

Signature of Customer or his authorized representative

Western Representative

Rod Shurt

Thank you

FIELD INVOICE

Open Hole Test

\$ 625.00

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Core Sub.

\$

Mileage

\$ No Charge

Fluid Sampler

\$ per liner

Extra Charts

\$

Insurance

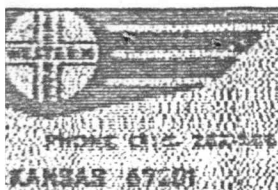
\$

Telecopier

\$ 50.00

TOTAL

\$ 675.00



FORMATION TESTING

TICKET

NO 15835

Project 1530 23

Station 1530 23

Date 7/31

KANSAS 67201

Location 1530 23

Reference 1530 23

Address 1530 23

County 1530 23

City 1530 23

State 1530 23

Zip 1530 23

Notes 1530 23

Remarks 1530 23

Remarks 1530 23

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WESTERN TESTING CO., INC.

Pressure Data

Date 3-16 Test Ticket No. 15835
 Recorder No. 2606 Capacity 4150 Location 3168
 Clock No. --- Elevation 1330 KB Well Temperature 125

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1605</u> P.S.I.	<u>5:05 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>636 *</u> P.S.I.	<u>30</u> Mins.	<u>25</u> Mins.
C First Final Flow Pressure	<u>796</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1168</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>971</u> P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>1006</u> P.S.I.	* Pressures questionable due to plugging action.	
G Final Closed-in Pressure	<u>1125</u> P.S.I.		
H Final Hydrostatic Mud	<u>1500</u> P.S.I.		

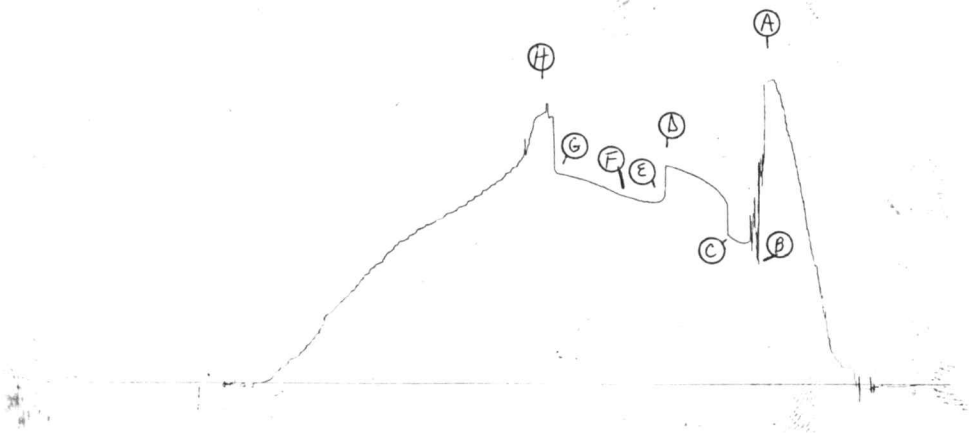
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>636 *</u>	0	<u>796</u>	0	<u>971</u>	0	<u>1006</u>
P 2 5	<u>910 *</u>	3	<u>998</u>	5	<u>971</u>	3	<u>1013</u>
P 3 10	<u>754</u>	6	<u>1027</u>	10	<u>971</u>	6	<u>1022</u>
P 4 15	<u>760</u>	9	<u>1050</u>	15	<u>975</u>	9	<u>1034</u>
P 5 20	<u>782</u>	12	<u>1065</u>	20	<u>984</u>	12	<u>1042</u>
P 6 25	<u>796</u>	15	<u>1081</u>	25	<u>995</u>	15	<u>1055</u>
P 7 30		18	<u>1094</u>	30	<u>1006</u>	18	<u>1061</u>
P 8 35		21	<u>1108</u>	35		21	<u>1069</u>
P 9 40		24	<u>1118</u>	40		24	<u>1078</u>
P 10 45		27	<u>1126</u>	45		27	<u>1087</u>
P 11 50		30	<u>1136</u>	50		30	<u>1095</u>
P 12 55		33	<u>1145</u>	55		33	<u>1099</u>
P 13 60		36	<u>1152</u>	60		36	<u>1106</u>
P 14		39	<u>1158</u>	65		39	<u>1111</u>
P 15		42	<u>1164</u>	70		42	<u>1116</u>
P 16		45	<u>1168</u>	75		45	<u>1121</u>
P 17		48		80		48	<u>1125</u>
P 18		51		85		51	
P 19		54		90		54	
P 20		57				57	
		60				60	

L606 VST#1

TKT #15835

I



Company Robinson Oil Company Lease & Well No. Schrock "B" #1
 Elevation 1330 Kelly Bushing Stalnaker Effective Pay - Ft. Ticket No. 15835
 Date 3/11/82 Sec. 8 Twp. 31S Range 5W County Harper State Kansas
 Test Approved by Robert E. McCann Western Representative Rod Tritt
 Formation Test No. 1 Interval Tested from 3165 ft. to 3240 ft. Total Depth 3240 ft.
 Packer Depth 3160 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3165 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3168 ft. Recorder Number 2606 Cap. 4150
 Bottom Recorder Depth (Outside) 3171 ft. Recorder Number 4332 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Sweetman Drilling Drill Collar Length 280 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 44 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 38 cc. Drill Pipe Length 2892 I. D. 3.8 in.
 Chlorides P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 75 ft. Size 6 + 5 1/2 OD 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 FH in.

Blow: Strong blow on initial flow period. Strong blow decreasing on final flow period.

Recovered 372 ft. of oil and gas cut mud
 Recovered 744 ft. of slightly watery oil and gas cut mud
 Recovered 496 ft. of heavy oil and gas cut mud 15% gas; 25% oil; 40% water; 20% mud
 Recovered 322 ft. of mud and gas cut watery oil
 Recovered 626 ft. of slightly oil and gas cut muddy water

Remarks: Chlorides 122,000 ppm

Tool slid two feet after opening. Shut-in tool plugged with cuttings.

Time Set Packer(s) 5:05 A.M. Time Started Off Bottom 7:35 A.M. Maximum Temperature 125°
 Initial Hydrostatic Pressure (A) 1605 P.S.I.
 Initial Flow Period Minutes 25 (B) 636 * P.S.I. to (C) 796 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1168 P.S.I.
 Final Flow Period Minutes 30 (E) 971 P.S.I. to (F) 1006 P.S.I.
 Final Closed In Period Minutes 48 (G) 1125 P.S.I.
 Final Hydrostatic Pressure (H) 1500 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 3/16/82 Test Ticket No. 15835
Recorder No. 2606 Capacity 4150 Location 3168 Ft.
Clock No. - Elevation 1330 Kelly Bushing Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1605	P.S.I.	5:05P	M
B First Initial Flow Pressure	636 *	P.S.I.	30	25 Mins.
C First Final Flow Pressure	796	P.S.I.	45	45 Mins.
D Initial Closed-in Pressure	1168	P.S.I.	30	30 Mins.
E Second Initial Flow Pressure	971	P.S.I.	45	48 Mins.
F Second Final Flow Pressure	1006	P.S.I.		
G Final Closed-in Pressure	1125	P.S.I.		
H Final Hydrostatic Mud	1500	P.S.I.		

* PRESSURES QUESTIONABLE DUE TO PLUGGING ACTION

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	636 *	0	796	0	971	0	1006
P 2 <u>5</u>	910 *	3	998	5	971	3	1013
P 3 <u>10</u>	754	6	1027	10	971	6	1022
P 4 <u>15</u>	760	9	1050	15	975	9	1034
P 5 <u>20</u>	782	12	1065	20	984	12	1042
P 6 <u>25</u>	796	15	1081	25	995	15	1055
P 7		18	1094	30	1006	18	1061
P 8		21	1108			21	1069
P 9		24	1118			24	1078
P10		27	1126			27	1087
P11		30	1136			30	1095
P12		33	1145			33	1099
P13		36	1152			36	1106
P14		39	1158			39	1111
P15		42	1164			42	1116
P16		45	1168			45	1121
P17						48	1125
P18							
P19							
P20							



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15836

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

Elevation 1330 RB Formation Kansas City Eff. Pay Ft.

District PRAH Date 3-17-82 Customer Order No.

COMPANY NAME Robinson Oil Company

ADDRESS 200 West Angles Suite 229 Wichita Ks 67202

LEASE AND WELL NO. Schroeder "B" #1 COUNTY Harper STATE Kansas Sec. 8 Twp. 31S Rge. 5W

Mail Invoice To Same Co. Name Address No. Copies Requested Reg-15

Mail Charts To Same Address No. Copies Requested Reg-15

Formation Test No. 2 Interval Tested From 3614 ft. to 3652 ft. Total Depth 3652 ft.

Packer Depth 3609 ft. Size 63/4 in. Packer Depth ft. Size in.

Packer Depth 3614 ft. Size 63/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3617 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3620 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Sweetman Drill Collar Length 280 I. D. 2 1/4 in.

Mud Type Chem. Viscosity 43 Weight Pipe Length I. D. in.

Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length I. D. 3.8 in.

Chlorides 30,000 P.P.M. Test Tool Length 20 ft. Tool Size 5200 in.

Jars: Make NO Serial Number Anchor Length 38 ft. Size 5200 in.

Did Well Flow? NO Reversed Out 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: Strong blow on both initial & final flows

gas to surface 35 min into final flow

Recovered 126 ft. of slightly oil & gas cut mud

Recovered 62 ft. of Heavy oil & gas cut mud

Recovered 248 ft. of frothy oil

Recovered ft. of

Recovered 62 ft. of Water chlorides 122,000 P.P.M.

Remarks:

Time On Location 9:30 A.M. Time Pick Up Tool 11:30 A.M.

Time Set Packer(s) 12:30 A.M. Time Started Off Bottom 3:45 A.M.

Maximum Temperature 127°F

Initial Hydrostatic Pressure (A) 1873 P.S.I.

Initial Flow Period Minutes 30 (B) 83 P.S.I. to (C) 83 P.S.I.

Initial Closed In Period Minutes 45 (D) 1454 P.S.I.

Final Flow Period Minutes 60 (E) 135 P.S.I. to (F) 156 P.S.I.

Final Closed In Period Minutes 60 (G) 1454 P.S.I.

Final Hydrostatic Pressure (H) 1821 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 Robert E. McCann

Signature of Customer or his authorized representative

Western Representative Rod Lutt Thank you

FIELD INVOICE

Open Hole Test \$625.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Milage \$52.50
Fluid Sampler \$
Extra Charts \$
Insurance \$
Telecopier \$
TOTAL \$677.50

WICHITA, KANSAS 67201

GAS FLOW REPORT

Date 5-19-82 Ticket 15836 Company Robinson Oil Co
Well Name and No. Schrock B-1 Dst No. 2 Interval Tested 3614-3652
County Harper State Kansas Sec. 8 Twp. 31S Rg. 5W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
--------------------------	---	--------------------	------------------------------	------------------------------------	---------------------

PRE FLOW

[illegible]

SECOND FLOW

[illegible]

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 _____

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17 Test Ticket No. 15836
 Recorder No. 2606 Capacity 4150 Location 3617 Ft.
 Clock No. --- Elevation 1330 KB Well Temperature 127 °F

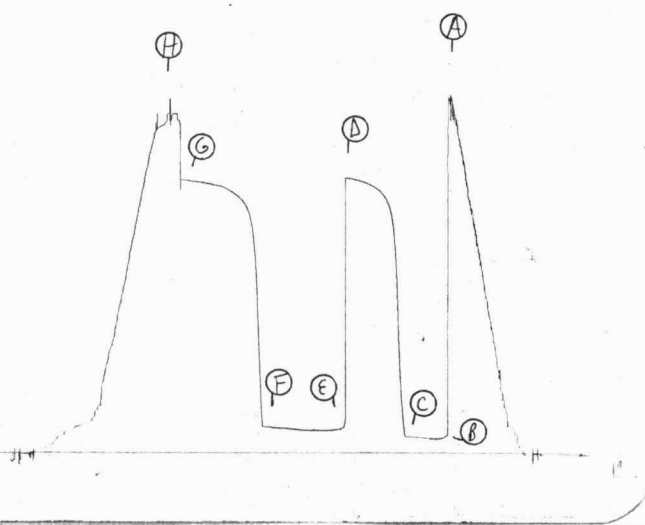
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1898</u> P.S.I.	<u>12:30 A</u> M	
B First Initial Flow Pressure	<u>78</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>86</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1468</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>123</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>141</u> P.S.I.		
G Final Closed-in Pressure	<u>1459</u> P.S.I.		
H Final Hydrostatic Mud	<u>1816</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>78</u>	0	<u>86</u>	0	<u>123</u>	0	<u>141</u>
P 2 5	<u>78</u>	3	<u>196</u>	5	<u>5</u>	3	<u>877</u>
P 3 10	<u>78</u>	6	<u>597</u>	10	<u>5</u>	6	<u>1182</u>
P 4 15	<u>81</u>	9	<u>1089</u>	15	<u>123</u>	9	<u>1290</u>
P 5 20	<u>83</u>	12	<u>1275</u>	20	<u>124</u>	12	<u>1333</u>
P 6 25	<u>85</u>	15	<u>1342</u>	25	<u>124</u>	15	<u>1360</u>
P 7 30	<u>86</u>	18	<u>1381</u>	30	<u>124</u>	18	<u>1379</u>
P 8 35		21	<u>1405</u>	35	<u>127</u>	21	<u>1395</u>
P 9 40		24	<u>1421</u>	40	<u>131</u>	24	<u>1406</u>
P10 45		27	<u>1431</u>	45	<u>134</u>	27	<u>1418</u>
P11 50		30	<u>1441</u>	50	<u>137</u>	30	<u>1426</u>
P12 55		33	<u>1449</u>	55	<u>139</u>	33	<u>1429</u>
P13 60		36	<u>1457</u>	60	<u>141</u>	36	<u>1437</u>
P14		39	<u>1463</u>	65		39	<u>1441</u>
P15		42	<u>1468</u>	70		42	<u>1444</u>
P16		45	<u>1468</u>	75		45	<u>1448</u>
P17		48		80		48	<u>1451</u>
P18		51		85		51	<u>1453</u>
P19		54		90		54	<u>1455</u>
P20		57				57	<u>1457</u>
		60				60	<u>1459</u>

TKT # 15836

I



Company Robinson Oil Company Lease & Well No. Schrock "B" #1
 Elevation 1330 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 15836
 Date 3/17/82 Sec. 8 Twp. 31S Range 5W County Harper State Kansas
 Test Approved by Robert E. McCann Western Representative Rod Tritt
 Formation Test No. 2 Interval Tested from 3614 ft. to 3652 ft. Total Depth 3652 ft.
 Packer Depth 3609 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3614 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3617 ft. Recorder Number 2606 Cap. 4150
 Bottom Recorder Depth (Outside) 3620 ft. Recorder Number 4332 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Sweetman Drlg. Drill Collar Length 280 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 8.0 cc. Drill Pipe Length 3314 I. D. 3.8 in.
 Chlorides 30,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make No Serial Number - Anchor Length 38 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.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Strong blow throughout test. Gas to surface thirty five minutes into final flow period.
See attached sheet for gas measurements.

Recovered 126 ft. of slightly oil and gas cut mud
 Recovered 62 ft. of heavy oil and gas cut mud
 Recovered 248 ft. of froggy oil
 Recovered 62 ft. of water Chlorides 122,000 ppm
 Recovered ft. of
 Remarks:

Time Set Packer(s) 12:30 A.M. Time Started Off Bottom 3:45 A.M. Maximum Temperature 127°
 Initial Hydrostatic Pressure (A) 1898 P.S.I.
 Initial Flow Period Minutes 30 (B) 78 P.S.I. to (C) 86 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1468 P.S.I.
 Final Flow Period Minutes 60 (E) 123 P.S.I. to (F) 141 P.S.I.
 Final Closed In Period Minutes 60 (G) 1459 P.S.I.
 Final Hydrostatic Pressure (H) 1816 P.S.I.

GAS FLOW REPORT

Date 3/17/82 Ticket 15836 Company Robinson Oil Company
 Well Name and No. Schrock "B" #1 Dst No. 2 Interval Tested 3614'-3652'
 County Harper State Kansas Sec. 8 Twp. 31S Rg. 5W

Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	Size of Orifice	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	Description of Flow
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PRE FLOW

SECOND FLOW

35 min.					Gas to surface
40 min.	6.0 "	of water	1/4"	orifice	4,120 CFPD
45 min.	6.5 "	of water	1/4"	orifice	4,300 CFPD
50 min.	7.0 "	of water	1/4"	orifice	4,450 CFPD
55 min.	7.0 "	of water	1/4"	orifice	4,450 CFPD
60 min.	6.5 "	of water	1/4"	orifice	4,300 CFPD

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced 3/17/82

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 Robert E. McCann

WESTERN TESTING CO., INC.

Pressure Data

Date 3/17/82 Test Ticket No. 15836
 Recorder No. 2606 Capacity 4150 Location 3617 Ft.
 Clock No. - Elevation 1330 Kelly Bushing Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1898</u> P.S.I.	Open Tool	<u>12:30A</u>	<u>M</u>
B First Initial Flow Pressure	<u>78</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>86</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1468</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>123</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>141</u> P.S.I.			
G Final Closed-in Pressure	<u>1459</u> P.S.I.			
H Final Hydrostatic Mud	<u>1816</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>78</u>	<u>0</u>	<u>86</u>	<u>0</u>	<u>123</u>	<u>0</u>	<u>141</u>
P 2 <u>5</u>	<u>78</u>	<u>3</u>	<u>196</u>	<u>5</u>	<u>123</u>	<u>3</u>	<u>877</u>
P 3 <u>10</u>	<u>78</u>	<u>6</u>	<u>597</u>	<u>10</u>	<u>123</u>	<u>6</u>	<u>1182</u>
P 4 <u>15</u>	<u>81</u>	<u>9</u>	<u>1089</u>	<u>15</u>	<u>123</u>	<u>9</u>	<u>1290</u>
P 5 <u>20</u>	<u>83</u>	<u>12</u>	<u>1275</u>	<u>20</u>	<u>124</u>	<u>12</u>	<u>1333</u>
P 6 <u>25</u>	<u>85</u>	<u>15</u>	<u>1342</u>	<u>25</u>	<u>124</u>	<u>15</u>	<u>1360</u>
P 7 <u>30</u>	<u>86</u>	<u>18</u>	<u>1381</u>	<u>30</u>	<u>124</u>	<u>18</u>	<u>1379</u>
P 8		<u>21</u>	<u>1405</u>	<u>35</u>	<u>127</u>	<u>21</u>	<u>1395</u>
P 9		<u>24</u>	<u>1421</u>	<u>40</u>	<u>131</u>	<u>24</u>	<u>1406</u>
P10		<u>27</u>	<u>1431</u>	<u>45</u>	<u>134</u>	<u>27</u>	<u>1418</u>
P11		<u>30</u>	<u>1441</u>	<u>50</u>	<u>137</u>	<u>30</u>	<u>1426</u>
P12		<u>33</u>	<u>1449</u>	<u>55</u>	<u>139</u>	<u>33</u>	<u>1429</u>
P13		<u>36</u>	<u>1457</u>	<u>60</u>	<u>141</u>	<u>36</u>	<u>1437</u>
P14		<u>39</u>	<u>1463</u>			<u>39</u>	<u>1441</u>
P15		<u>42</u>	<u>1468</u>			<u>42</u>	<u>1444</u>
P16		<u>45</u>	<u>1468</u>			<u>45</u>	<u>1448</u>
P17						<u>48</u>	<u>1451</u>
P18						<u>51</u>	<u>1453</u>
P19						<u>54</u>	<u>1455</u>
P20						<u>57</u>	<u>1457</u>
						<u>60</u>	<u>1459</u>



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET

No 15837

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

Elevation 1330 KB Formation Nertha Eff. Pay _____ Ft.

District PRATT Date 3-18-82 Customer Order No. _____

COMPANY NAME Robinson Oil Co - R H Garvey Bldg

ADDRESS 300 W. Douglas St / 737 W. Wichita, 67202-2992

LEASE AND WELL NO. #1 Schock B COUNTY HARPER STATE KANSAS Sec. 8 Twp. 31S Rge. 5W

Mail Invoice To Same Co. Name _____ Address _____ No. Copies Requested Rq-15

Mail Charts To Same Address _____ No. Copies Requested Rq-15

Formation Test No. 3 Interval Tested From 3648 ft. to 3669 ft. Total Depth 3669 ft.

Packer Depth 3643 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3648 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3652 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 3655 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor Sweetman Drill Collar Length 280 I. D. 2 1/4 in.

Mud Type Chem. Viscosity 42 Weight Pipe Length _____ I. D. _____ in.

Weight 8.9 Water Loss 10 cc. Drill Pipe Length 3348 I. D. 3.8 in.

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

Jars: Make NO Serial Number _____ Anchor Length 21 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.

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

Blow: light blow building to good 25 min on initial flow
light building to good 40 min on final flow period

Recovered 20 ft. of mud

Recovered 124 ft. of muddy water

Recovered _____ ft. of _____

Recovered 248 ft. of water chlorides 123,000 P.P.M.

Recovered _____ ft. of _____

Remarks: _____

Time On Location 9:00 A.M. Time Pick Up Tool 3:30 P.M. Time Off Location 10:00 P.M.

Time Set Packer(s) 4:25 P.M. Time Started Off Bottom 7:40 P.M. Maximum Temperature 128° F

Initial Hydrostatic Pressure _____ (A) 1821 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 72 P.S.I. to (C) 83 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 1506 P.S.I.

Final Flow Period _____ Minutes 60 (E) 135 P.S.I. to (F) 166 P.S.I.

Final Closed In Period _____ Minutes 60 (G) 1506 P.S.I.

Final Hydrostatic Pressure _____ (H) 1768 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 Robert E. McCann
Signature of Customer or his authorized representative

Western Representative Pool Luit Thank you

FIELD INVOICE

Open Hole Test \$ 625.00
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____
Insurance \$ _____
Telecopier \$ _____
TOTAL \$ 625.00

WESTERN TESTING CO., INC.

Pressure Data

Date 3-18

Recorder No. 2606

Capacity 4150

Test Ticket No. 15837

Location 3652 Ft.

Clock No. ---

Elevation 1330 KB

Well Temperature 128 °F

Point	Pressure	P.S.I.
A Initial Hydrostatic Mud	<u>1821</u>	
B First Initial Flow Pressure	<u>66</u>	
C First Final Flow Pressure	<u>78</u>	
D Initial Closed-in Pressure	<u>1529</u>	
E Second Initial Flow Pressure	<u>136</u>	
F Second Final Flow Pressure	<u>185</u>	
G Final Closed-in Pressure	<u>1526</u>	
H Final Hydrostatic Mud	<u>1781</u>	

	Time Given	Time Computed
Open Tool	<u>4:25 P</u>	<u>M</u>
First Flow Pressure	<u>30</u> Mins.	<u>20</u> Mins.
Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 4 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>66</u>
P 2 5	<u>66</u>
P 3 10	<u>66</u>
P 4 15	<u>71</u>
P 5 20	<u>78</u>
P 6 25	
P 7 30	
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>78</u>
3	<u>1363</u>
6	<u>1456</u>
9	<u>1481</u>
12	<u>1498</u>
15	<u>1505</u>
18	<u>1509</u>
21	<u>1513</u>
24	<u>1517</u>
27	<u>1521</u>
30	<u>1525</u>
33	<u>1526</u>
36	<u>1527</u>
39	<u>1528</u>
42	<u>1529</u>
45	<u>1529</u>
48	
51	
54	
57	
60	

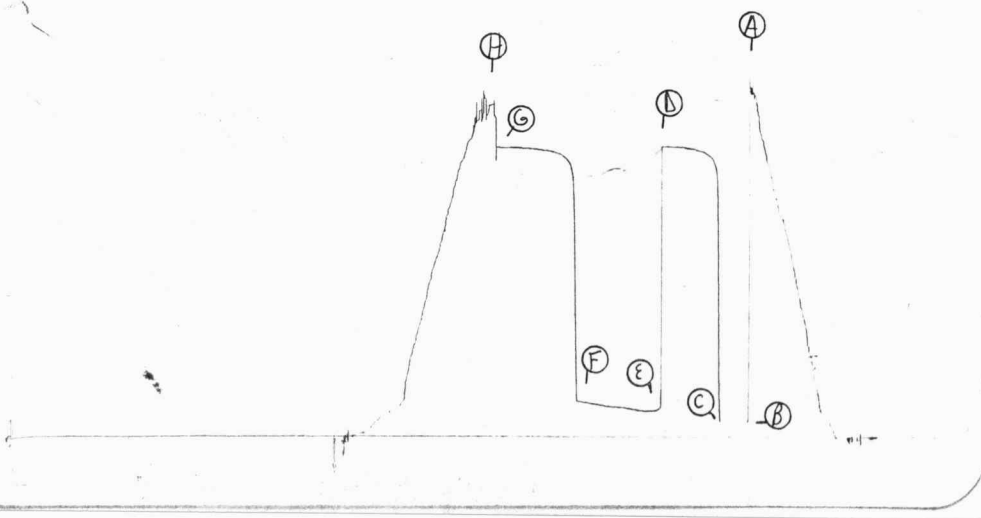
Point Minutes	Press.
0	<u>136</u>
5	<u>136</u>
10	<u>136</u>
15	<u>139</u>
20	<u>146</u>
25	<u>151</u>
30	<u>156</u>
35	<u>157</u>
40	<u>161</u>
45	<u>168</u>
50	<u>174</u>
55	<u>180</u>
60	<u>185</u>
65	
70	
75	
80	
85	
90	

Point Minutes	Press.
0	<u>185</u>
3	<u>1228</u>
6	<u>1436</u>
9	<u>1465</u>
12	<u>1482</u>
15	<u>1493</u>
18	<u>1500</u>
21	<u>1504</u>
24	<u>1508</u>
27	<u>1512</u>
30	<u>1516</u>
33	<u>1518</u>
36	<u>1520</u>
39	<u>1522</u>
42	<u>1523</u>
45	<u>1524</u>
48	<u>1525</u>
51	<u>1522</u>
54	<u>1521</u>
57	<u>1524</u>
60	<u>1526</u>

2606 DST#3

TKT #15837

I



Company Robinson Oil Company Lease & Well No. Schrock "B" #1
Elevation 1330 Kelly Bushing Formation Hertha Effective Pay - Ft. Ticket No. 15837
Date 3/ 18/82 Sec. 8 Twp. 31S Range 5W County Harper State Kansas
Test Approved by Robert E. McCann Western Representative Rod Tritt
Formation Test No. 3 Interval Tested from 3648 ft. to 3669 ft. Total Depth 3669 ft.
Packer Depth 3643 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3648 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3652 ft. Recorder Number 2606 Cap. 4150
Bottom Recorder Depth (Outside) 3655 ft. Recorder Number 4332 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Sweetman Drlg. Drill Collar Length 280 I. D. 2 1/4 in.
Mud Type chemical Viscosity 42 Weight Pipe Length - I. D. - in.
Weight 8.9 Water Loss 10 cc. Drill Pipe Length 3348 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 No Serial Number - Anchor Length 21 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.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Light blow building to good twenty-five minutes on initial flow period. Light building to good forty minutes on final flow period.

Recovered 20 ft. of mud
Recovered 124 ft. of muddy water
Recovered 248 ft. of water Chlorides 123,000 ppm
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 4:25 ~~A.M.~~ P.M. Time Started Off Bottom 7:40 ~~A.M.~~ P.M. Maximum Temperature 128°
Initial Hydrostatic Pressure 1821 P.S.I.
Initial Flow Period 20 Minutes (B) 66 P.S.I. to (C) 78 P.S.I.
Initial Closed In Period 45 Minutes (D) 1529 P.S.I.
Final Flow Period 60 Minutes (E) 136 P.S.I. to (F) 185 P.S.I.
Final Closed In Period 60 Minutes (G) 1526 P.S.I.
Final Hydrostatic Pressure 1781 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3/18/82 Recorder No. 2606 Capacity 4150 Test Ticket No. 15837
 Clock No. -- Elevation 1330 Kelly Bushing Location 3652 Ft. 128
 Well Temperature 128 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	1821 P.S.I.	4:25P	M
B First Initial Flow Pressure	66 P.S.I.	30 Mins.	20 Mins.
C First Final Flow Pressure	78 P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1529 P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	136 P.S.I.	60 Mins.	60 Mins.
F Second Final Flow Pressure	185 P.S.I.		
G Final Closed-in Pressure	1526 P.S.I.		
H Final Hydrostatic Mud	1781 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>66</u>	<u>0</u>	<u>78</u>	<u>0</u>	<u>136</u>	<u>0</u>	<u>185</u>
P 2 <u>5</u>	<u>66</u>	<u>3</u>	<u>1363</u>	<u>5</u>	<u>136</u>	<u>3</u>	<u>1228</u>
P 3 <u>10</u>	<u>66</u>	<u>6</u>	<u>1456</u>	<u>10</u>	<u>136</u>	<u>6</u>	<u>1436</u>
P 4 <u>15</u>	<u>71</u>	<u>9</u>	<u>1481</u>	<u>15</u>	<u>139</u>	<u>9</u>	<u>1465</u>
P 5 <u>20</u>	<u>78</u>	<u>12</u>	<u>1498</u>	<u>20</u>	<u>146</u>	<u>12</u>	<u>1482</u>
P 6		<u>15</u>	<u>1505</u>	<u>25</u>	<u>151</u>	<u>15</u>	<u>1493</u>
P 7		<u>18</u>	<u>1509</u>	<u>30</u>	<u>156</u>	<u>18</u>	<u>1500</u>
P 8		<u>21</u>	<u>1513</u>	<u>35</u>	<u>157</u>	<u>21</u>	<u>1504</u>
P 9		<u>24</u>	<u>1517</u>	<u>40</u>	<u>161</u>	<u>24</u>	<u>1508</u>
P10		<u>27</u>	<u>1521</u>	<u>45</u>	<u>168</u>	<u>27</u>	<u>1512</u>
P11		<u>30</u>	<u>1525</u>	<u>50</u>	<u>174</u>	<u>30</u>	<u>1516</u>
P12		<u>33</u>	<u>1526</u>	<u>55</u>	<u>180</u>	<u>33</u>	<u>1518</u>
P13		<u>36</u>	<u>1527</u>	<u>60</u>	<u>185</u>	<u>36</u>	<u>1520</u>
P14		<u>39</u>	<u>1528</u>			<u>39</u>	<u>1522</u>
P15		<u>42</u>	<u>1529</u>			<u>42</u>	<u>1523</u>
P16		<u>45</u>	<u>1529</u>			<u>45</u>	<u>1524</u>
P17						<u>48</u>	<u>1525</u>
P18						<u>51</u>	<u>1522</u>
P19						<u>54</u>	<u>1521</u>
P20						<u>57</u>	<u>1524</u>
						<u>60</u>	<u>1526</u>



WESTERN TESTING CO., INC.

P O BOX 1599 — WICHITA, KANSAS 67201

DATE 3/21/82

Robinson Oil Company
R. H. Garvey Building
300 West Douglas, Suite 737
Wichita, Kansas 67202

WELL REPORT NO 15838

UNIT NO

DISTRICT

FOR CUSTOMER'S USE ONLY

REGISTER NO

VOUCHER NO

TERMS APPROVED

PRICE APPROVED

CALCULATIONS CHECKED

ADJUSTMENTS

ACCOUNTING DISTRIBUTION

AUDITED

FINAL APPROVAL

YOUR ORDER NO

OWNER

CONTRACTOR

WELL NO

FARM

COUNTY

SECTION

TWP

RANGE

#1

Schrock "B"

Harper County, Ks.

8

31S

5W

One drill stem test from 4556' to 4571'

(Test #4)

\$ 700.00

POSTED

10 more copies Prepared 3-24-82 No chg.

DISCOUNT

7.00

1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID
BY THE 20TH OF THE FOLLOWING MONTH.

PLEASE INCLUDE OUR INVOICE NUMBER
WITH YOUR REMITTANCE

INVOICE NUMBER

15838

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 15838

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

Elevation 133 RB Formation Simpson Sand Pay Ft.

District PRATT Date 3-21-82 Customer Order No.

COMPANY NAME Robinson Oil Co R H Garvey Bldg

ADDRESS 300 West Douglas Street 737 Wichita, Kansas 67202-2992

LEASE AND WELL NO. Schrock B-1 COUNTY HARPER STATE Kans Sec. 8 Twp 31S Rge. 54E

Mail Invoice To Same No. Copies Requested 15

Co. Name Address

Mail Charts To Same No. Copies Requested 15

Formation Test No. 4 Interval Tested From 4556 ft. to 4571 ft. Total Depth 4571 ft.

Packer Depth 4551 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4556 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4560 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4563 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Sweetman Drilling Drill Collar Length 283 I. D. 2 1/4 in.

Mud Type Chem Viscosity 55 Weight Pipe Length I. D. in.

Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4253 I. D. 3.8 in.

Chlorides NC P.P.M. Test Tool Length 20 ft. Tool Size 5/200 in.

Jars: Make NO Serial Number Anchor Length 15 ft. Size 5/200 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 depleting to very weak blow on initial flow period

Very weak blow - flushed tool - very weak blow died 20 min

into final flow period

Recovered ft. of

Recovered 63 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: flushed tool on final opening

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

Time Set Packer(s) 2:20 P.M. Time Started Off Bottom 4:50 P.M. Maximum Temperature 140° F

Initial Hydrostatic Pressure (A) 2292 P.S.I.

Initial Flow Period 30 Minutes (B) 83 P.S.I. to (C) 52 P.S.I.

Initial Closed In Period 45 Minutes (D) 624 P.S.I.

Final Flow Period 30 Minutes (E) 104 P.S.I. to (F) 73 P.S.I.

Final Closed In Period 45 Minutes (G) 124 P.S.I.

Final Hydrostatic Pressure (H) 2240 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 Robert E. McCarroll
Signature of Customer or his authorized representative

Western Representative Red List Thank you.

FIELD INVOICE

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

WESTERN TESTING CO., INC.

Pressure Data

Date 3-21 Recorder No. 2606 Capacity 4150 Test Ticket No. 15838
 Clock No. --- Elevation 1330 KB Location 4560 Ft. Well Temperature 140 °F

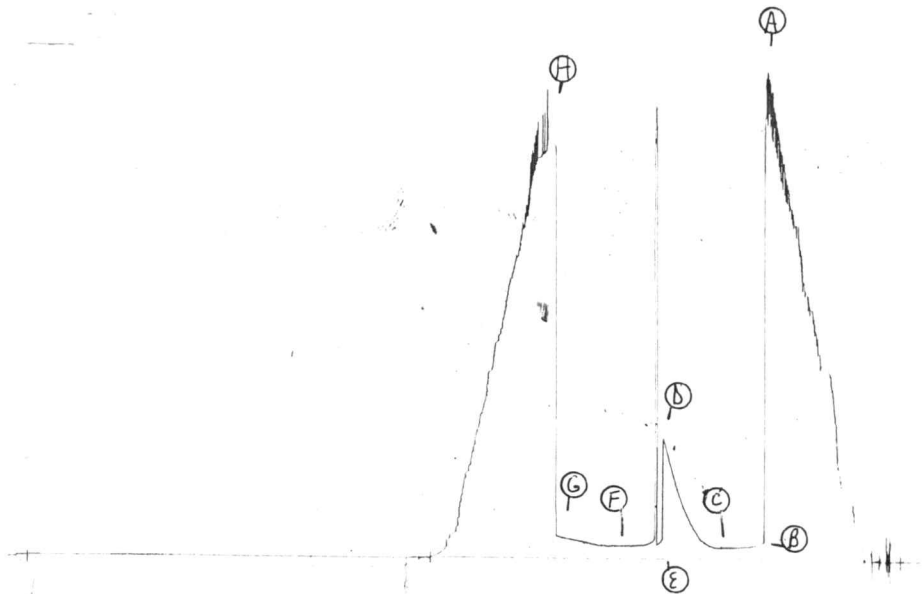
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2370</u>	P.S.I.	<u>2:20 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>83</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>71</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>653</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>87</u>	P.S.I.	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>76</u>	P.S.I.		
G Final Closed-in Pressure	<u>125</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2245</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>76</u>
P 2 <u>5</u>	<u>83</u>	<u>3</u>	<u>70</u>	<u>5</u>	<u>87</u>	<u>3</u>	<u>76</u>
P 3 <u>10</u>	<u>76</u>	<u>6</u>	<u>71</u>	<u>10</u>	<u>Flushed 91 Tool</u>	<u>6</u>	<u>77</u>
P 4 <u>15</u>	<u>75</u>	<u>9</u>	<u>78</u>	<u>15</u>	<u>80</u>	<u>9</u>	<u>76</u>
P 5 <u>20</u>	<u>72</u>	<u>12</u>	<u>88</u>	<u>20</u>	<u>78</u>	<u>12</u>	<u>78</u>
P 6 <u>25</u>	<u>72</u>	<u>15</u>	<u>103</u>	<u>25</u>	<u>77</u>	<u>15</u>	<u>78</u>
P 7 <u>30</u>	<u>71</u>	<u>18</u>	<u>125</u>	<u>30</u>	<u>76</u>	<u>18</u>	<u>80</u>
P 8 <u>35</u>		<u>21</u>	<u>158</u>	<u>35</u>		<u>21</u>	<u>86</u>
P 9 <u>40</u>		<u>24</u>	<u>193</u>	<u>40</u>		<u>24</u>	<u>91</u>
P10 <u>45</u>		<u>27</u>	<u>243</u>	<u>45</u>		<u>27</u>	<u>97</u>
P11 <u>50</u>		<u>30</u>	<u>291</u>	<u>50</u>		<u>30</u>	<u>101</u>
P12 <u>55</u>		<u>33</u>	<u>354</u>	<u>55</u>		<u>33</u>	<u>103</u>
P13 <u>60</u>		<u>36</u>	<u>427</u>	<u>60</u>		<u>36</u>	<u>107</u>
P14		<u>39</u>	<u>504</u>	<u>65</u>		<u>39</u>	<u>110</u>
P15		<u>42</u>	<u>585</u>	<u>70</u>		<u>42</u>	<u>115</u>
P16		<u>45</u>	<u>653</u>	<u>75</u>		<u>45</u>	<u>122</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	<u>125</u>
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

TKT # 15838

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Company Robinson Oil Company Lease & Well No. Schrock 'B' #1
Elevation 1330 Kelly Bushing Formation Simpson Sand Effective Pay - Ft. Ticket No. 15838
Date 3/21/82 Sec. 8 Twp. 31S Range 5W County Harper State Kansas
Test Approved by Robert E. McCann Western Representative Rod Tritt

Formation Test No. 4 Interval Tested from 4556 ft. to 4571 ft. Total Depth 4571 ft.

Packer Depth 4551 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4556 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4560 ft. Recorder Number 2606 Cap. 4150

Bottom Recorder Depth (Outside) 4563 ft. Recorder Number 4332 Cap. 4200

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Sweetman Drlg. Drill Collar Length 283 I. D. 2 1/4 in.

Mud Type chemical Viscosity 55 Weight Pipe Length - I. D. - in.

Weight 9.5 Water Loss 10.4 cc. Drill Pipe Length 4253 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 No 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.

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

Blow: Weak blow depleating to very weak blow on initial flow period. Very weak blow; flushed tool - very weak blow; died twenty minutes into final flow period.

Recovered 63 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Flushed tool on final opening.

Time Set Packer(s) 2:20 ~~A.M.~~ P.M. Time Started Off Bottom 4:50 ~~A.M.~~ P.M. Maximum Temperature 140°

Initial Hydrostatic Pressure 2370 P.S.I. (A)

Initial Flow Period 30 Minutes (B) 83 P.S.I. to (C) 71 P.S.I.

Initial Closed In Period 45 Minutes (D) 653 P.S.I.

Final Flow Period 30 Minutes (E) 87 P.S.I. to (F) 76 P.S.I.

Final Closed In Period 48 Minutes (G) 125 P.S.I.

Final Hydrostatic Pressure 2245 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 3/21/82 Test Ticket No. 15838

Recorder No. 2606 Capacity 4150 Location 4560 Ft.

Clock No. -- Elevation 1330 Kelly Bushing Well Temperature 140 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2370</u> P.S.I.	Open Tool	<u>3:20P</u>	<u>M</u>
B First Initial Flow Pressure	<u>83</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>71</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>653</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>87</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>48</u> Mins.
F Second Final Flow Pressure	<u>76</u> P.S.I.			
G Final Closed-in Pressure	<u>125</u> P.S.I.			
H Final Hydrostatic Mud	<u>2245</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>16</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point	Press.	Point	Press.	Point	Press.	Point	Press.
Mins.		Minutes		Minutes		Minutes	
P 1 <u>0</u>	<u>83</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>87</u>	<u>0</u>	<u>76</u>
P 2 <u>5</u>	<u>83</u>	<u>3</u>	<u>70</u>	<u>5</u>	<u>87</u>	<u>3</u>	<u>76</u>
P 3 <u>10</u>	<u>76</u>	<u>6</u>	<u>71</u>	<u>10</u>	<u>91</u>	<u>6</u>	<u>77</u>
P 4 <u>15</u>	<u>75</u>	<u>9</u>	<u>78</u>	<u>15</u>	<u>80</u>	<u>9</u>	<u>76</u>
P 5 <u>20</u>	<u>72</u>	<u>12</u>	<u>88</u>	<u>20</u>	<u>78</u>	<u>12</u>	<u>78</u>
P 6 <u>25</u>	<u>72</u>	<u>15</u>	<u>103</u>	<u>25</u>	<u>77</u>	<u>15</u>	<u>78</u>
P 7 <u>30</u>	<u>71</u>	<u>18</u>	<u>125</u>	<u>30</u>	<u>76</u>	<u>18</u>	<u>80</u>
P 8 _____		<u>21</u>	<u>158</u>			<u>21</u>	<u>86</u>
P 9 _____		<u>24</u>	<u>193</u>			<u>24</u>	<u>91</u>
P10 _____		<u>27</u>	<u>243</u>			<u>27</u>	<u>97</u>
P11 _____		<u>30</u>	<u>291</u>			<u>30</u>	<u>101</u>
P12 _____		<u>33</u>	<u>354</u>			<u>33</u>	<u>103</u>
P13 _____		<u>36</u>	<u>427</u>			<u>36</u>	<u>107</u>
P14 _____		<u>39</u>	<u>504</u>			<u>39</u>	<u>110</u>
P15 _____		<u>42</u>	<u>585</u>			<u>42</u>	<u>115</u>
P16 _____		<u>45</u>	<u>653</u>			<u>45</u>	<u>122</u>
P17 _____						<u>48</u>	<u>125</u>
P18 _____							
P19 _____							
P20 _____							