



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No. 8403

P. O. BOX 1599 PHONE (316) 262-5861

Elevation _____ Formation Lansing Eff. Pay _____ Ft.

WICHITA, KANSAS 67201

District 12 Date 2-25-85 Customer Order No. _____

COMPANY NAME Robinson Oil Co ADDRESS 300 W Douglas

ADDRESS 737 R. H. Garvey Bld. Wichita KS 67202

LEASE AND WELL NO. Olivier C-2 COUNTY Harper STATE KS Sec. 5 Twp. 31S Rge. 5W

Mail Invoice To Same Co. Name OLIVIER No. Copies Requested Reg

Mail Charts To Same #2-C Address _____ No. Copies Requested Reg

Formation Test No. 1 Interval Tested From 3498 ft. to 3525 ft. Total Depth 3525 ft.

Packer Depth 3498 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 3498 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3515 ft. Recorder Number 13221 Cap. 4450

Bottom Recorder Depth (Outside) 3518 ft. Recorder Number 13551 Cap. 4150

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

Drilling Contractor Sweetman #1 Drill Collar Length 270 I. D. 2.2 in.

Mud Type Chem Viscosity 46 Weight Pipe Length _____ I. D. _____ in.

Weight 9.6 Water Loss 6.0 cc. Drill Pipe Length 3208 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 27 ft. Size 5 1/2 OD in.

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

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

Blow: Strong GTS 20 min - See GGS Flow Report

Recovered 30 ft. of Oil Cut Mud

Recovered 60 ft. of Very Heavy Oil + GGS Cut Mud

Recovered 960 ft. of Gassy Oil

Recovered 120 ft. of Water Chlorides 114,000 ppm

Recovered _____ ft. of _____

Chlorides _____ P.P.M. Sample Jars used 2 Remarks: _____

Time On Location 7:00 A.M. Time Pick Up Tool 7:30 A.M. Time Off Location 4:00 A.M.

Time Set Packer(s) 8:45 P.M. Time Started Off Bottom 12:45 P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure _____ (A) 1893 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 191 P.S.I. to (C) 247 P.S.I.

Initial Shut In Period _____ Minutes 60 (D) 949 P.S.I.

Final Flow Period _____ Minutes 60 (E) 349 P.S.I. to (F) 461 P.S.I.

Final Closed In Period _____ Minutes 90 (G) 915 P.S.I.

Final Hydrostatic Pressure _____ (H) 1893 P.S.I.

COMPANY RECEIVED

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 John A. Smith Signature of Customer or his authorized representative

Western Representative W. Piotrowski 1625

FIELD INVOICE

Open Hole Test \$ 550
Misrun \$ _____
Straddle Test \$ _____
Jars \$ _____
Selective Zone \$ _____
Safety Joint \$ _____
Standby \$ _____
Evaluation \$ _____
Extra Packer \$ _____
Circ. Sub. \$ _____
Mileage \$ _____
Fluid Sampler \$ _____
Extra Charts \$ _____

N^o 5851

GAS FLOW REPORT

Date 2-25-85 Ticket 8403 Company Robinson O. I. Co
 Well Name and No. Oliver C-2 Dst No. 1 Interval Tested 3498-3525
 County Harper State KS Sec. 5 Twp. 3/s Rg. SW

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
Inches of Water					
PRE FLOW					
20	7	1/2			16,700 cfpd
30	16	1/2			25,100

Inches of Water					
SECOND FLOW					
10	6	1/2			15,400 cfpd
20	9				18,800
30	9				18,800
40	5				14,100
50	5				14,100
60	6				15,400

GAS BOTTLE

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

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

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

COMPANY'S NAME _____

Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 2-25-85 Test Ticket No. 8403
 Recorder No. 13221 Capacity _____ Location _____
 Clock No. _____ Elevation _____ Well Temperature _____

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1925</u> P.S.I.			
B First Initial Flow Pressure	<u>179</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	
C First Final Flow Pressure	<u>229</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	
D Initial Closed-in Pressure	<u>953</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	
E Second Initial Flow Pressure	<u>334</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	
F Second Final Flow Pressure	<u>455</u> P.S.I.			
G Final Closed-in Pressure	<u>909</u> P.S.I.			
H Final Hydrostatic Mud	<u>1905</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
of	mins. and a	of	mins. and a	of	mins. and a	of	mins. and a
final inc. of	0 Min.	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	<u>179</u>	0	<u>229</u>	0	<u>334</u>	0	<u>455</u>
P 2 5	<u>179</u>	3	<u>571</u>	5	<u>334</u>	3	<u>632</u>
P 3 10	<u>184</u>	6	<u>692</u>	10	<u>330</u>	6	<u>688</u>
P 4 15	<u>195</u>	9	<u>752</u>	15	<u>347</u>	9	<u>723</u>
P 5 20	<u>210</u>	12	<u>792</u>	20	<u>360</u>	12	<u>745</u>
P 6 25	<u>229</u>	15	<u>819</u>	25	<u>373</u>	15	<u>757</u>
P 7 30		18	<u>833</u>	30	<u>380</u>	18	<u>767</u>
P 8 35		21	<u>852</u>	35	<u>399</u>	21	<u>777</u>
P 9 40		24	<u>861</u>	40	<u>413</u>	24	<u>787</u>
P10 45		27	<u>872</u>	45	<u>428</u>	27	<u>796</u>
P11 50		30	<u>882</u>	50	<u>440</u>	30	<u>807</u>
P12 55		33	<u>887</u>	55	<u>455</u>	33	<u>814</u>
P13 60		36	<u>894</u>	60		36	<u>821</u>
P14 65		39	<u>903</u>	65		39	<u>829</u>
P15 70		42	<u>911</u>	70		42	<u>837</u>
P16 75		45	<u>919</u>	75		45	<u>844</u>
P17 80		48	<u>926</u>	80		48	<u>851</u>
P18 85		51	<u>933</u>	85		51	<u>857</u>
P19 90		54	<u>938</u>	90		54	<u>862</u>
P20 95		57	<u>943</u>	95		57	<u>867</u>
100		60	<u>948</u>	100		60	<u>872</u>
			<u>63, 953</u>				<u>877</u>

WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 8403

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

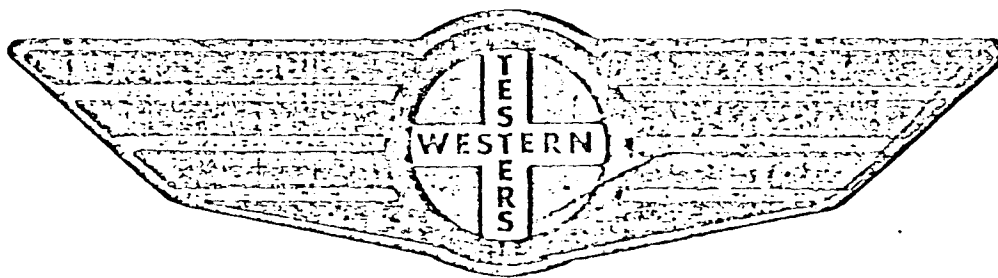
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</u> Min.		final 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>105</u>		<u>63</u>		<u>105</u>		<u>63</u>	<u>876</u>
P 2 <u>110</u>		<u>66</u>		<u>110</u>		<u>66</u>	<u>880</u>
P 3 <u>115</u>		<u>69</u>		<u>115</u>		<u>69</u>	<u>884</u>
P 4 <u>120</u>		<u>72</u>		<u>120</u>		<u>72</u>	<u>888</u>
P 5 <u>125</u>		<u>75</u>		<u>125</u>		<u>75</u>	<u>892</u>
P 6 <u>130</u>		<u>78</u>		<u>130</u>		<u>78</u>	<u>895</u>
P 7 <u>135</u>		<u>81</u>		<u>135</u>		<u>81</u>	<u>898</u>
P 8 <u>140</u>		<u>84</u>		<u>140</u>		<u>84</u>	<u>901</u>
P 9 <u>145</u>		<u>87</u>		<u>145</u>		<u>87</u>	<u>904</u>
P10 <u>150</u>		<u>90</u>		<u>150</u>		<u>90</u>	<u>907</u>
P11 <u>155</u>		<u>93</u>		<u>155</u>		<u>93</u>	<u>909</u>
P12 <u>160</u>		<u>96</u>		<u>160</u>		<u>96</u>	
P13 <u>165</u>		<u>99</u>		<u>165</u>		<u>99</u>	
P14 <u>170</u>		<u>102</u>		<u>170</u>		<u>102</u>	
P15 <u>175</u>		<u>105</u>		<u>175</u>		<u>105</u>	
P16 <u>180</u>		<u>108</u>		<u>180</u>		<u>108</u>	
P17 <u>185</u>		<u>111</u>		<u>185</u>		<u>111</u>	
P18 <u>190</u>		<u>114</u>		<u>190</u>		<u>114</u>	
P19 <u>195</u>		<u>117</u>		<u>195</u>		<u>117</u>	
P20 <u>200</u>		<u>120</u>		<u>200</u>		<u>120</u>	

11
7/22

FORMATION

TEST

REPORT



Home Office:

Wichita, Kansas 67201

P.O. Box 1599

Phone (316) 262-5861

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

DATE: 2/25/85
CUSTOMER: ROBINSON OIL COMPANY
WELL: #2 TEST: 1
ELEVATION (KB): 0 FORMATION: LANSING
SECTION: 5 TOWNSHIP: 31S
RANGE: 5W COUNTY: HARPER STATE: KANSAS
GAUGE SN #13221 RANGE: 4450 CLOCK: 12

TICKET #8403
LEASE: OLIVIER 'C'
GEOLOGIST: SMITH

INTERVAL TEST FROM: 3498 FT TO: 3525 FT TOTAL DEPTH: 3525 FT
DEPTH OF SELECTIVE ZONE: FT
PACKER DEPTH: 3493 FT SIZE: 6 3/4 IN PACKER DEPTH: 3498 FT SIZE: 6 3/4 IN
PACKER DEPTH: FT SIZE: IN PACKER DEPTH: FT SIZE: IN

DRILLING CONTRACTOR: SWEETMAN
MUD TYPE: CHEM VISCOSITY: 46
WEIGHT: 9.6 WATER LOSS (CC): 6.0
CHLORIDES (P.P.M.): N/C

JARS - MAKE: SERIAL NUMBER:
DID WELL FLOW? NO REVERSED OUT? YES
DRILL COLLAR LENGTH: 270 FT I.D.: 2.25 IN
WEIGHT PIPE LENGTH: FT I.D.: IN
DRILL PIPE LENGTH: 3208 FT I.D.: 3.8 IN
TEST TOOL LENGTH: 20 FT TOOL SIZE: 5 1/2 O.D. IN
ANCHOR LENGTH: 27 FT SIZE: 5 1/2 O.D. IN
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: STRONG GAS TO SURFACE IN 20 MINUTES.
SEE GAS FLOW REPORT.

RECOVERED: 30	FT	OF: OIL CUT MUD.
RECOVERED: 60	FT	OF: VERY HEAVY OIL & GAS CUT MUD.
RECOVERED: 960	FT	OF: GASSY OIL.
RECOVERED: 120	FT	OF: WATER; CHLORIDES 114000 P.P.M.
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:
RECOVERED:	FT	OF:

REMARKS:

TIME SET PACKER(S): 8:45 A.M.	TIME STARTED OFF BOTTOM: 12:45 P.M.
WELL TEMPERATURE: 112 °F	
INITIAL HYDROSTATIC PRESSURE:	(A) 1925 PSI
INITIAL FLOW PERIOD MIN: 25	(B) 179 PSI TO (C) 229 PSI
INITIAL CLOSED IN PERIOD MIN: 63	(D) 953 PSI
FINAL FLOW PERIOD MIN: 55	(E) 334 PSI TO (F) 455 PSI
FINAL CLOSED IN PERIOD MIN: 93	(G) 909 PSI
FINAL HYDROSTATIC PRESSURE	(H) 1905 PSI

WESTERN TESTING CO. INC.
PRESSURE DATA

DATE: 2/25/85		TICKET #8403
CUSTOMER: ROBINSON OIL COMPANY		LEASE: OLIVIER 'C'
WELL: #2	TEST: 1	GEOLOGIST: SMITH
ELEVATION (KB): 0	FORMATION: LANSING	
SECTION: 5	TOWNSHIP: 31S	
RANGE: 5W	COUNTY: HARPER	STATE: KANSAS
GAUGE SN #13221	RANGE: 4450	CLOCK: 12

(A) INITIAL HYDROSTATIC PRESSURE:	1925	PSI
(B) FIRST INITIAL FLOW PRESSURE:	179	PSI
(C) FIRST FINAL FLOW PRESSURE:	229	PSI
(D) INITIAL CLOSED-IN PRESSURE:	953	PSI
(E) SECOND INITIAL FLOW PRESSURE:	334	PSI
(F) SECOND FINAL FLOW PRESSURE:	455	PSI
(G) FINAL CLOSED-IN PRESSURE:	909	PSI
(H) FINAL HYDROSTATIC PRESSURE:	1905	PSI
WELL TEMPERATURE:	112	'F
OPEN TOOL: 8:45 A.M.		

	TIME - GIVEN	TIME - ACTUAL
FIRST FLOW PRESSURE:	30 MIN	25 MIN
INITIAL CLOSED-IN PRESSURE:	60 MIN	63 MIN
SECOND FLOW PRESSURE:	60 MIN	55 MIN
FINAL CLOSED-IN PRESSURE:	90 MIN	93 MIN

PRESSURE BREAKDOWN								
PT	FIRST FLOW		INITIAL SHUT-IN		SECOND FLOW		FINAL SHUT-IN	
	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE	MIN	PRESSURE
1	0	179	0	229	0	334	0	455
2	5	179	3	571	5	334	3	632
3	10	184	6	692	10	336	6	688
4	15	195	9	752	15	347	9	723
5	20	210	12	792	20	360	12	745
6	25	229	15	819	25	373	15	757
7			18	833	30	386	18	767
8			21	852	35	399	21	777
9			24	861	40	413	24	787
10			27	872	45	428	27	797
11			30	882	50	440	30	707
12			33	887	55	455	33	714
13			36	894			36	721
14			39	903			39	728
15			42	911			42	835
16			45	919			45	842
17			48	926			48	849
18			51	933			51	856
19			54	938			54	862
20			57	943			57	867
21			60	948			60	872
22			63	953			63	876
23							66	880
24							69	884
25							72	888
26							75	892
27							78	895
28							81	898
29							84	901
30							87	904

WESTERN TESTING CO. INC.
GAS FLOW REPORT

DATE: 2/25/85
CUSTOMER: ROBINSON OIL COMPANY
WELL: #2
ELEVATION (KB): 0
SECTION: 5
RANGE: 5W
GAUGE SN #13221

TEST: 1
FORMATION: LANSING
TOWNSHIP: 31S
COUNTY: HARPER
RANGE: 4450

TICKET #8403
LEASE: OLIVIER 'C'
GEOLOGIST: SMITH
STATE: KANSAS
CLOCK: 12

TIME GAUGE (MIN)	TESTER TYPE	ORIFICE SIZE	PRESSURE (PSI)	FLOW DESCRIPTION
---------------------	-------------	-----------------	-------------------	------------------

PRE FLOW

20	MERLA	1/2	7" WTR	16700 CFPD
30		"	16" WTR	25100 " "

SECOND FLOW

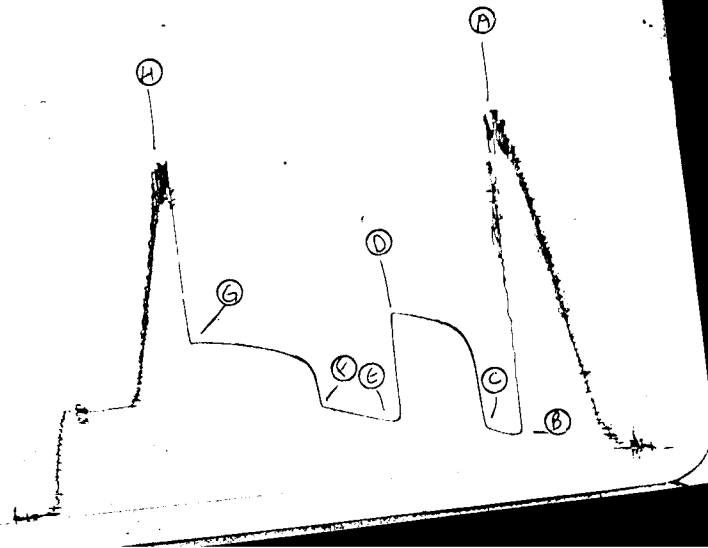
10	MERLA	1/2	6" WTR	15400 CFPD
20		"	9" WTR	18800 " "
30		"	9" WTR	18800 " "
40		"	5" WTR	14100 " "
50		"	5" WTR	14100 " "
60		"	6" WTR	15400 " "

GAS BOTTLE SN #:
DATE BOTTLE FILLED:
DATE TO BE INVOICED:

13221
DST#1

ICC# 8403

I



1355/
D57 #1

tick# 8403

0

