

Company Robinson Oil Co. Lease & Well No. Daley "A" #1
Elevation 1304 Kelly Bush. Formation Stalnaker Sd. Effective Pay - Ft. Ticket No. 7896
Date 7-16-81 Sec. 33 Twp. 29S Range 2W County Sedgwick State Kansas
Test Approved by Ray Goodin Western Representative Allen Edgington
Formation Test No. 1 Interval Tested from 2694 ft. to 2703 ft. Total Depth 2703 ft.
Packer Depth 2689 ft. Size 6 3/4 in. Packer Depth 2694 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 2682 ft. Recorder Number 5666 Cap. 3950
Bottom Recorder Depth (Outside) 2699 ft. Recorder Number 3354 Cap. 4200
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor RRA Drill Collar Length 432 I. D. 2 1/4 in.
Mud Type Chemical Viscosity 50 Weight Pipe Length - I. D. - in.
Weight 9.3 Water Loss 14.4 cc. Drill Pipe Length 2255 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 26 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 9 ft. Size 4 1/2 in.
Did Well Flow? Yes (Gas) 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 XH in.

Blow: Strong blow throughout test. Gas to surface in 1.5 minutes. See attached sheet for gas measurements.

Recovered 60 ft. of muddy salt water

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:30 ~~A.M.~~ P.M. Time Started Off Bottom 9:14:5 ~~A.M.~~ P.M. Maximum Temperature 102
Initial Hydrostatic Pressure (A) 1305 P.S.I.
Initial Flow Period Minutes 30 (B) 171 P.S.I. to (C) 484 P.S.I.
Initial Closed In Period Minutes 30 (D) 1120 P.S.I.
Final Flow Period Minutes 30 (E) 490 P.S.I. to (F) 497 P.S.I.
Final Closed In Period Minutes 45 (G) 1119 P.S.I.
Final Hydrostatic Pressure (H) 1305 P.S.I.

GAS FLOW REPORT

Date 7-16-81 Ticket 7896 Company Robinson Oil Co.
 Well Name and No. Daley "A" #1 Dst No. 1 Interval Tested 2694' - 2703'
 County Sedgwick State Kansas Sec. 33 Twp. 29S Rg. 2W

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

5 min.	8 PSIG	2" orifice				2,060,000 C.F.P.D.
10 min.	10 PSIG	2" orifice				2,310,000 C.F.P.D.
15 min.	11 PSIG	2" orifice				2,420,000 C.F.P.D.
20 min.	12 PSIG	2" orifice				2,530,000 C.F.P.D.
25 min.	12 PSIG	2" orifice				2,530,000 C.F.P.D.
30 min.	13 PSIG	2" orifice				2,630,000 C.F.P.D.

SECOND FLOW

5 min.	16 PSIG	2" orifice				2,930,000 C.F.P.D.
10 min.	18 PSIG	2" orifice				3,120,000 C.F.P.D.
15 min.	18 PSIG	2" orifice				3,120,000 C.F.P.D.
20 min.	18 PSIG	2" orifice				3,120,000 C.F.P.D.
25 min.	17 PSIG	2" orifice				3,020,000 C.F.P.D.

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 Robinson Oil Co.
 Authorized by Ray Goodin

WESTERN TESTING CO., INC.

Pressure Data

Date 7-16-81

Test Ticket No. 7896

Recorder No. 5666 Capacity 3950 Location 2682 Ft.

Clock No. - Elevation 1304 Kelly Bushing Well Temperature 102 °F

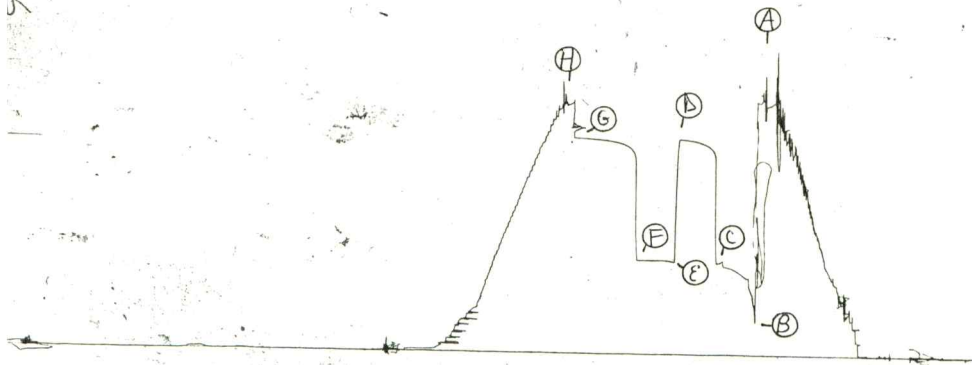
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1305</u>	P.S.I.	<u>11:30P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>171</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>484</u>	P.S.I.	<u>30</u>	<u>30</u>
D Initial Closed-in Pressure	<u>1120</u>	P.S.I.	<u>30</u>	<u>30</u>
E Second Initial Flow Pressure	<u>490</u>	P.S.I.	<u>45</u>	<u>45</u>
F Second Final Flow Pressure	<u>497</u>	P.S.I.		
G Final Closed-in Pressure	<u>1119</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1305</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>10</u> Inc.		Breakdown: <u>6</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 <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>171</u>	<u>0</u>	<u>484</u>	<u>0</u>	<u>490</u>	<u>0</u>	<u>497</u>
P 2 <u>5</u>	<u>355</u>	<u>3</u>	<u>1066</u>	<u>5</u>	<u>496</u>	<u>3</u>	<u>1052</u>
P 3 <u>10</u>	<u>420</u>	<u>6</u>	<u>1086</u>	<u>10</u>	<u>496</u>	<u>6</u>	<u>1076</u>
P 4 <u>15</u>	<u>445</u>	<u>9</u>	<u>1096</u>	<u>15</u>	<u>497</u>	<u>9</u>	<u>1088</u>
P 5 <u>20</u>	<u>461</u>	<u>12</u>	<u>1104</u>	<u>20</u>	<u>497</u>	<u>12</u>	<u>1096</u>
P 6 <u>25</u>	<u>471</u>	<u>15</u>	<u>1110</u>	<u>25</u>	<u>497</u>	<u>15</u>	<u>1102</u>
P 7 <u>30</u>	<u>484</u>	<u>18</u>	<u>1112</u>	<u>30</u>	<u>497</u>	<u>18</u>	<u>1106</u>
P 8		<u>21</u>	<u>1114</u>			<u>21</u>	<u>1108</u>
P 9		<u>24</u>	<u>1116</u>			<u>24</u>	<u>1110</u>
P10		<u>27</u>	<u>1118</u>			<u>27</u>	<u>1112</u>
P11		<u>30</u>	<u>1120</u>			<u>30</u>	<u>1114</u>
P12						<u>33</u>	<u>1115</u>
P13						<u>36</u>	<u>1116</u>
P14						<u>39</u>	<u>1117</u>
P15						<u>42</u>	<u>1118</u>
P16						<u>45</u>	<u>1119</u>
P17							
P18							
P19							
P20							

TKT # 7896
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Company Robinson Oil Co. Lease & Well No. Daley "A" #1
Elevation 1304 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 7897
Date 7-18-81 Sec. 33 Twp. 29S Range 2W County Sedgwick State Kansas
Test Approved by Ray Goodin Western Representative Allen Edgington
Formation Test No. 2 Interval Tested from 3020 ft. to 3060 ft. Total Depth 3060 ft.
Packer Depth 3015 ft. Size 6 3/4 in. Packer Depth 3020 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) A.P. 3003 ft. Recorder Number 3354 Cap. 4200
Bottom Recorder Depth (Outside) A.P. 3007 ft. Recorder Number 5666 Cap. 3950
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor RRA #1 Drill Collar Length 432 I. D. 2.25 in.
Mud Type Chemcial Viscosity 47 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 1.4 cc. Drill Pipe Length 2563 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 30 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 40 ft. Size 4 1/2 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 XH in.

Blow: Weak blow throughout test.

Recovered 350 ft. of muddy salt water Chlorides: 91,000 PPM
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 6:00 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 108°F
Initial Hydrostatic Pressure (A) 1426 P.S.I.
Initial Flow Period Minutes 30 (B) 21 P.S.I. to (C) 78 P.S.I.
Initial Closed In Period Minutes 45 (D) 854 P.S.I.
Final Flow Period Minutes 60 (E) 103 P.S.I. to (F) 179 P.S.I.
Final Closed In Period Minutes 60 (G) 783 P.S.I.
Final Hydrostatic Pressure (H) 1426 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7/18/81
 Recorder No. 3354 Capacity 4200 Test Ticket No. 7897
 Clock No. - Elevation 1304 Kelly Bushing Location 3003 Ft.
 Well Temperature 108 °F

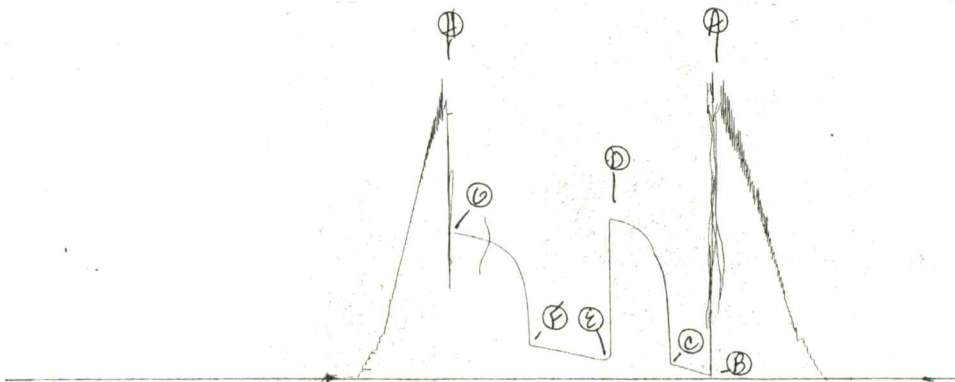
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1426</u>	P.S.I.	<u>6:00A</u>	<u>M</u>
B First Initial Flow Pressure	<u>21</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>78</u>	P.S.I.	<u>45</u>	<u>45</u>
D Initial Closed-in Pressure	<u>854</u>	P.S.I.	<u>60</u>	<u>60</u>
E Second Initial Flow Pressure	<u>103</u>	P.S.I.	<u>60</u>	<u>60</u>
F Second Final Flow Pressure	<u>179</u>	P.S.I.		
G Final Closed-in Pressure	<u>783</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1426</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>21</u>	<u>0</u>	<u>78</u>	<u>0</u>	<u>103</u>	<u>0</u>	<u>179</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>466</u>	<u>5</u>	<u>103</u>	<u>3</u>	<u>475</u>
P 3 <u>10</u>	<u>38</u>	<u>6</u>	<u>582</u>	<u>10</u>	<u>108</u>	<u>6</u>	<u>559</u>
P 4 <u>15</u>	<u>49</u>	<u>9</u>	<u>633</u>	<u>15</u>	<u>114</u>	<u>9</u>	<u>614</u>
P 5 <u>20</u>	<u>59</u>	<u>12</u>	<u>679</u>	<u>20</u>	<u>122</u>	<u>12</u>	<u>646</u>
P 6 <u>25</u>	<u>70</u>	<u>15</u>	<u>732</u>	<u>25</u>	<u>131</u>	<u>15</u>	<u>671</u>
P 7 <u>30</u>	<u>78</u>	<u>18</u>	<u>764</u>	<u>30</u>	<u>139</u>	<u>18</u>	<u>690</u>
P 8		<u>21</u>	<u>787</u>	<u>35</u>	<u>148</u>	<u>21</u>	<u>705</u>
P 9		<u>24</u>	<u>804</u>	<u>40</u>	<u>154</u>	<u>24</u>	<u>715</u>
P10		<u>27</u>	<u>816</u>	<u>45</u>	<u>162</u>	<u>27</u>	<u>728</u>
P11		<u>30</u>	<u>827</u>	<u>50</u>	<u>169</u>	<u>30</u>	<u>738</u>
P12		<u>33</u>	<u>835</u>	<u>55</u>	<u>175</u>	<u>33</u>	<u>746</u>
P13		<u>36</u>	<u>842</u>	<u>60</u>	<u>179</u>	<u>36</u>	<u>751</u>
P14		<u>39</u>	<u>848</u>			<u>39</u>	<u>757</u>
P15		<u>42</u>	<u>852</u>			<u>42</u>	<u>764</u>
P16		<u>45</u>	<u>854</u>			<u>45</u>	<u>768</u>
P17						<u>48</u>	<u>772</u>
P18						<u>51</u>	<u>776</u>
P19						<u>54</u>	<u>781</u>
P20						<u>57</u>	<u>781</u>
						<u>60</u>	<u>783</u>

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