

Company F. G. Holl Lease & Well No. Ora Lambert #1-30  
1940 Kelly Bushing Lansing Effective Pay ----- Ft. Ticket No. 6686  
 Elevation 7/12/80 Formation 29S Range 13W County Pratt State Kansas  
 Date 7/12/80 Sec. 30 Twp. 29S Range 13W County Pratt State Kansas  
 Test Approved by Carl Todd Western Representative Dave Sloan

Formation Test No. 1 Interval Tested from 4007 ft. to 4050 ft. Total Depth 4050 ft.  
 Packer Depth 4002 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4007 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4015 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 4018 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Drilling Rig #11 Drill Collar Length - I. D. - in.  
 Mud Type impermax Viscosity 35 Weight Pipe Length - I. D. - in.  
 Weight 9.3 Water Loss 9.4 cc. Drill Pipe Length 3987 I. D. 3.8 in.  
 Chlorides 38,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length 43 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 through both flow periods. Gas to surface five minutes in to final shut-in period.

Recovered 50 ft. of gas cut mud  
 Recovered 180 ft. of heavy gas and water cut oil (45% gas;10% water;47% oil;3% mud)  
 Recovered 40 ft. of gas and water cut oil (30% gas;10% water;57% oil;3% mud)  
 Recovered 20 ft. of water Chlorides 108,000 ppm  
 Recovered ft. of ft.  
 Remarks: Slid tool fifteen feet to bottom after tool opened.

Time Set Packer(s) 6:55 A.M. Time Started Off Bottom 8:55 A.M. Maximum Temperature 117°  
P.M. P.M.  
 Initial Hydrostatic Pressure ..... (A) 2017 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 117 P.S.I. to (C) 85 P.S.I.  
 Initial Closed In Period ..... Minutes 33 (D) 1071 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 119 P.S.I. to (F) 115 P.S.I.  
 Final Closed In Period ..... Minutes 33 (G) 943 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2004 P.S.I.

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

Date 7-12-80 Test Ticket No. 6686  
 Recorder No. 2604 Capacity 4150 Location 4015 Ft.  
 Clock No. -- Elevation 1940 Kelly Bushing Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2017</u> P.S.I.	Open Tool	<u>6:55</u> P. M.	
B First Initial Flow Pressure	<u>117</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>85</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
D Initial Closed-in Pressure	<u>1071</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>119</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>115</u> P.S.I.			
G Final Closed-in Pressure	<u>943</u> P.S.I.			
H Final Hydrostatic Mud	<u>2004</u> P.S.I.			

**PRESSURE BREAKDOWN**

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

**Initial Shut-In**  
 Breakdown: 11 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

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

**Final Shut-In**  
 Breakdown: 11 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>117</u>	<u>0</u> <u>85</u>	<u>0</u> <u>119</u>	<u>0</u> <u>115</u>			
P 2	<u>5</u> <u>87</u>	<u>3</u> <u>119</u>	<u>5</u> <u>113</u>	<u>3</u> <u>149</u>			
P 3	<u>10</u> <u>79</u>	<u>6</u> <u>177</u>	<u>10</u> <u>113</u>	<u>6</u> <u>203</u>			
P 4	<u>15</u> <u>79</u>	<u>9</u> <u>350</u>	<u>15</u> <u>113</u>	<u>9</u> <u>269</u>			
P 5	<u>20</u> <u>81</u>	<u>12</u> <u>464</u>	<u>20</u> <u>113</u>	<u>12</u> <u>354</u>			
P 6	<u>25</u> <u>83</u>	<u>15</u> <u>607</u>	<u>25</u> <u>114</u>	<u>15</u> <u>440</u>			
P 7	<u>30</u> <u>85</u>	<u>18</u> <u>755</u>	<u>30</u> <u>115</u>	<u>18</u> <u>542</u>			
P 8		<u>21</u> <u>878</u>		<u>21</u> <u>663</u>			
P 9		<u>24</u> <u>882</u>		<u>24</u> <u>776</u>			
P10		<u>27</u> <u>971</u>		<u>27</u> <u>855</u>			
P11		<u>30</u> <u>1027</u>		<u>30</u> <u>914</u>			
P12		<u>33</u> <u>1071</u>		<u>33</u> <u>943</u>			
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2609

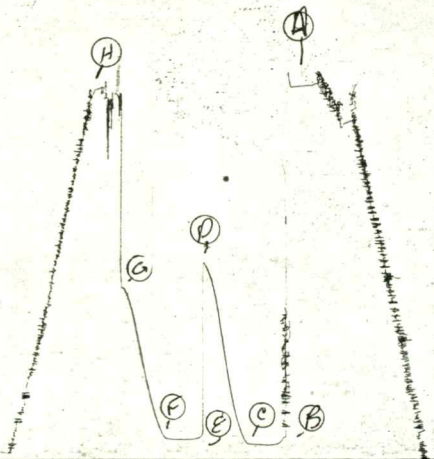
JKT # 6686

F. G. Holl

Lambert 1-3

DST 1

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Company F. G. Holl Lease & Well No. Ora Lambert #1-30  
 Elevation 1940 Kelly Bushing Simpson Formation Simpson Effective Pay ----- Ft. Ticket No. 6689  
 Date 7/16/80 Sec. 30 Twp. 29S Range 13W County Pratt State Kansas  
 Test Approved by Carl Todd Western Representative Dave Sloan

Formation Test No. 2 Interval Tested from 4693 ft. to 4700 ft. Total Depth 4700 ft.  
 Packer Depth 4688 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4693 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4680 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 4695 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor H-30 Drilling Rig #11 Drill Collar Length 240 I. D. 2.2 in.  
 Mud Type impermix Viscosity 47 Weight Pipe Length - I. D. - in.  
 Weight 9.5 Water Loss 16.0 cc. Drill Pipe Length 4427 I. D. 3.8 in.  
 Chlorides 38,000 P.P.M. Test Tool Length 26 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length 7 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 through initial flow period and final flow period.

Recovered 240 ft. of mud cut waer chlorides 47,000 ppm  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 4:15 A.M. P.M. Time Started Off Bottom 6:45 A.M. P.M. Maximum Temperature 126°  
 Initial Hydrostatic Pressure (A) 2481 P.S.I.  
 Initial Flow Period Minutes 30 (B) 48 P.S.I. to (C) 70 P.S.I.  
 Initial Closed In Period Minutes 30 (D) 711 P.S.I.  
 Final Flow Period Minutes 60 (E) 100 P.S.I. to (F) 132 P.S.I.  
 Final Closed In Period Minutes 30 (G) 667 P.S.I.  
 Final Hydrostatic Pressure (H) 2383 P.S.I.

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

Date 7/16/80 Test Ticket No. 6689  
 Recorder No. 2604 Capacity 4150 Location 4680 Ft.  
 Clock No. ----- Elevation 1940 Kelly Bushing Well Temperature 126 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2481</u> P.S.I.	Open Tool	<u>4:15A</u>	<u>M</u>
B First Initial Flow Pressure	<u>48</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>70</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>711</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>100</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>132</u> P.S.I.			
G Final Closed-in Pressure	<u>667</u> P.S.I.			
H Final Hydrostatic Mud	<u>2383</u> P.S.I.			

**PRESSURE BREAKDOWN**

<b>First Flow Pressure</b> Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	<b>Initial Shut-In</b> Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	<b>Second Flow Pressure</b> Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	<b>Final Shut-In</b> Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>48</u>	<u>0</u>	<u>70</u>	<u>0</u>	<u>100</u>	<u>0</u>	<u>132</u>
P 2 <u>5</u>	<u>42</u>	<u>3</u>	<u>370</u>	<u>5</u>	<u>95</u>	<u>3</u>	<u>325</u>
P 3 <u>10</u>	<u>46</u>	<u>6</u>	<u>483</u>	<u>10</u>	<u>95</u>	<u>6</u>	<u>451</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>537</u>	<u>15</u>	<u>98</u>	<u>9</u>	<u>506</u>
P 5 <u>20</u>	<u>57</u>	<u>12</u>	<u>575</u>	<u>20</u>	<u>102</u>	<u>12</u>	<u>544</u>
P 6 <u>25</u>	<u>64</u>	<u>15</u>	<u>615</u>	<u>25</u>	<u>106</u>	<u>15</u>	<u>575</u>
P 7 <u>30</u>	<u>70</u>	<u>18</u>	<u>644</u>	<u>30</u>	<u>113</u>	<u>18</u>	<u>602</u>
P 8 _____		<u>21</u>	<u>665</u>	<u>35</u>	<u>115</u>	<u>21</u>	<u>619</u>
P 9 _____		<u>24</u>	<u>684</u>	<u>40</u>	<u>121</u>	<u>24</u>	<u>638</u>
P10 _____		<u>27</u>	<u>700</u>	<u>45</u>	<u>125</u>	<u>27</u>	<u>653</u>
P11 _____		<u>30</u>	<u>711</u>	<u>50</u>	<u>130</u>	<u>30</u>	<u>667</u>
P12 _____				<u>55</u>	<u>132</u>		
P13 _____				<u>60</u>	<u>132</u>		
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

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DKT # 6689

F. G. Hall  
Lambert 1-30  
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