

Company McGuinness Oil Company Lease & Well No. Weiss #1  
 Elevation 1550 Kelly Bushing Hunton Effective Pay - Ft. Ticket No. 3694  
 Date 6/10/80 16 Twp. 21S Range 1E County Marion State Kansas  
 Test Approved by Doug McGinness Western Representative Kenneth Kirkendall

Formation Test No. 1 Interval Tested from 3208 ft. to 3346 ft. Total Depth 3346 ft.  
 Packer Depth 3208 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3200 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3218 ft. Recorder Number 5666 Cap. 3950  
 Bottom Recorder Depth (Outside) 3224 ft. Recorder Number 10980 Cap. 4200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Melland Drilling Rig #1 Drill Collar Length 240 I. D. - in.  
 Mud Type chemical Viscosity 45 Weight Pipe Length - I. D. - in.  
 Weight 10.2 Water Loss 18.4 cc. Drill Pipe Length 2939 I. D. - in.  
 Chlorides 2,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 in.  
 Jars: Make WTC Serial Number 402 Anchor Length 138 ft. Size 5 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 3 1/2 IF in.

Blow: Weak blow building slowly, fair blow throughout second flow period.

Recovered 60 ft. of oil and gas cut mud (10% oil;90% mud)  
 Recovered 150 ft. of oil and gas cut mud (4% oil;96% mud)  
 Recovered 60 ft. of oil and gas cut mud (11% oil;89% mud)  
 Recovered 270 ft. of TOTAL RECOVERY

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

Time Set Packer(s) 11:05 <sup>A.M.</sup>/<sub>P.M.</sub> Time Started Off Bottom 1:35 <sup>A.M.</sup>/<sub>P.M.</sub> Maximum Temperature ?  
 Initial Hydrostatic Pressure ..... (A) 1719 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 63 P.S.I. to (C) 84 P.S.I.  
 Initial Closed In Period ..... Minutes 27 (D) 803 P.S.I.  
 Final Flow Period ..... Minutes 60 (E) 117 P.S.I. to (F) 154 P.S.I.  
 Final Closed In Period ..... Minutes 30 (G) 751 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1700 P.S.I.

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

Date 6/10/80 Recorder No. 5666 Capacity 3950 Test Ticket No. 3694  
 Location 3218 Ft.  
 Clock No. - Elevation 1550 Kelly Bushing Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1719</u> P.S.I.	Open Tool	<u>11:05P</u> M	
B First Initial Flow Pressure	<u>63</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>84</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>803</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>117</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>154</u> P.S.I.			
G Final Closed-in Pressure	<u>751</u> P.S.I.			
H Final Hydrostatic Mud	<u>1700</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Initial Shut-In Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>63</u>	<u>0</u>	<u>84</u>	<u>0</u>	<u>117</u>	<u>0</u>	<u>154</u>
P 2	<u>5</u>	<u>59</u>	<u>3</u>	<u>196</u>	<u>5</u>	<u>114</u>	<u>3</u>	<u>255</u>
P 3	<u>10</u>	<u>61</u>	<u>6</u>	<u>456</u>	<u>10</u>	<u>114</u>	<u>6</u>	<u>430</u>
P 4	<u>15</u>	<u>67</u>	<u>9</u>	<u>649</u>	<u>15</u>	<u>117</u>	<u>9</u>	<u>557</u>
P 5	<u>20</u>	<u>71</u>	<u>12</u>	<u>706</u>	<u>20</u>	<u>119</u>	<u>12</u>	<u>632</u>
P 6	<u>25</u>	<u>78</u>	<u>15</u>	<u>738</u>	<u>25</u>	<u>126</u>	<u>15</u>	<u>675</u>
P 7	<u>30</u>	<u>84</u>	<u>18</u>	<u>759</u>	<u>30</u>	<u>130</u>	<u>18</u>	<u>699</u>
P 8			<u>21</u>	<u>777</u>	<u>35</u>	<u>138</u>	<u>21</u>	<u>719</u>
P 9			<u>24</u>	<u>789</u>	<u>40</u>	<u>139</u>	<u>24</u>	<u>734</u>
P10			<u>27</u>	<u>803</u>	<u>45</u>	<u>142</u>	<u>27</u>	<u>748</u>
P11					<u>50</u>	<u>146</u>	<u>30</u>	<u>751</u>
P12					<u>55</u>	<u>150</u>		
P13					<u>60</u>	<u>154</u>		
P14								
P15								
P16								
P17								
P18								
P19								
P20								

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