

Company Griggs Oil, Inc. Lease & Well No. Einzel 'C' #1
 Elevation 1938 Ground Level Formation Mississippi Effective Pay ---- Ft. Ticket No. 6833
 Date 8/18/80 Sec. 24 Twp. 33S Range 18W County Comanche State Kansas
 Test Approved by D. F. Moore Western Representative Jeff Piotrowski
 Formation Test No. 1 Interval Tested from 5080 ft. to 5175 ft. Total Depth 5175 ft.
 Packer Depth 5075 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 5080 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 5083 ft. Recorder Number 5673 Cap. 5400
 Bottom Recorder Depth (Outside) 5086 ft. Recorder Number 1565 Cap. 4900
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Venture Drilling Rig #3 Drill Collar Length 180 I. D. 2.2 in.
 Mud Type starch Viscosity 48 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 14.2 cc. Drill Pipe Length 4871 I. D. 3.2 in.
 Chlorides 15,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 405 Anchor Length DC 62-33 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 both flow periods.

Recovered 65 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 8:14 ~~A.M.~~ P.M. Time Started Off Bottom 11:44 ~~A.M.~~ P.M. Maximum Temperature 129°
 Initial Hydrostatic Pressure (A) 2475 P.S.I.
 Initial Flow Period Minutes 30 (B) 59 P.S.I. to (C) 57 P.S.I.
 Initial Closed In Period Minutes 57 (D) 213 P.S.I.
 Final Flow Period Minutes 60 (E) 68 P.S.I. to (F) 68 P.S.I.
 Final Closed In Period Minutes 60 (G) 158 P.S.I.
 Final Hydrostatic Pressure (H) 2465 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 8-18-80 Test Ticket No. 6833
 Recorder No. 5673 Capacity 5400 Location 5083 Ft.
 Clock No. ----- Elevation 1938 Ground Level Well Temperature 129 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2475</u> P.S.I.	Open Tool	8:14 P M	
B First Initial Flow Pressure	<u>59</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>57</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>213</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>68</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>68</u> P.S.I.			
G Final Closed-in Pressure	<u>158</u> P.S.I.			
H Final Hydrostatic Mud	<u>2465</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>19</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>59</u>	<u>0</u>	<u>57</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>68</u>
P 2 <u>5</u>	<u>52</u>	<u>3</u>	<u>71</u>	<u>5</u>	<u>65</u>	<u>3</u>	<u>71</u>
P 3 <u>10</u>	<u>53</u>	<u>6</u>	<u>82</u>	<u>10</u>	<u>65</u>	<u>6</u>	<u>77</u>
P 4 <u>15</u>	<u>54</u>	<u>9</u>	<u>93</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>79</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>101</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>85</u>
P 6 <u>25</u>	<u>56</u>	<u>15</u>	<u>105</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>90</u>
P 7 <u>30</u>	<u>57</u>	<u>18</u>	<u>112</u>	<u>30</u>	<u>68</u>	<u>18</u>	<u>95</u>
P 8 _____		<u>21</u>	<u>123</u>	<u>35</u>	<u>68</u>	<u>21</u>	<u>99</u>
P 9 _____		<u>24</u>	<u>131</u>	<u>40</u>	<u>68</u>	<u>24</u>	<u>104</u>
P10 _____		<u>27</u>	<u>139</u>	<u>45</u>	<u>68</u>	<u>27</u>	<u>108</u>
P11 _____		<u>30</u>	<u>145</u>	<u>50</u>	<u>68</u>	<u>30</u>	<u>112</u>
P12 _____		<u>33</u>	<u>156</u>	<u>55</u>	<u>68</u>	<u>33</u>	<u>116</u>
P13 _____		<u>36</u>	<u>161</u>	<u>60</u>	<u>68</u>	<u>36</u>	<u>120</u>
P14 _____		<u>39</u>	<u>169</u>			<u>39</u>	<u>124</u>
P15 _____		<u>42</u>	<u>178</u>			<u>42</u>	<u>128</u>
P16 _____		<u>45</u>	<u>186</u>			<u>45</u>	<u>132</u>
P17 _____		<u>48</u>	<u>192</u>			<u>48</u>	<u>137</u>
P18 _____		<u>51</u>	<u>199</u>			<u>51</u>	<u>143</u>
P19 _____		<u>54</u>	<u>206</u>			<u>54</u>	<u>148</u>
P20 _____		<u>57</u>	<u>213</u>			<u>57</u>	<u>153</u>
						<u>60</u>	<u>158</u>

5673
DST #1

SKT #6833
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