

Company McGinness Oil Company Lease & Well No. Schmidt #1
 Elevation ---- Formation Hunton Effective Pay - Ft. Ticket No. 4257
 Date 6/24/80 Sec. 16 Twp. 21S Range 1E County Marion State Kansas
 Test Approved by Douglas McGinness 11 Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 3208 ft. to 3360 ft. Total Depth 3360 ft.
 Packer Depth 3203 ft. Size 6 3/4 in. Packer Depth 3208 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) 3238 ft. Recorder Number 3474 Cap. 3000
 Bottom Recorder Depth (Outside) 3241 ft. Recorder Number 3659 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drilling Rig #5 Drill Collar Length 240 I. D. 2.7 in.
 Mud Type Gel Viscosity 42 Weight Pipe Length - I. D. - in.
 Weight 10.0 Water Loss 15.2 cc. Drill Pipe Length 2946 I. D. 4.2 in.
 Chlorides 2,200 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 152 ft. Size 5 1/2 OD in.
 Did Well Flow? - 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 IF in.

Blow: Very weak; increased to one half inch by end of first flow period. Very weak: increased to three fourth inch by end of second opening.

Recovered 180 ft. of slightly oil and gas cut mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 11:28 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 3:00 ~~P.M.~~ ^{A.M.} Maximum Temperature 113°
 Initial Hydrostatic Pressure (A) 1759 P.S.I.
 Initial Flow Period Minutes 30 (B) 62 P.S.I. to (C) 63 P.S.I.
 Initial Closed In Period Minutes 30 (D) 883 P.S.I.
 Final Flow Period Minutes 85 (E) 96 P.S.I. to (F) 126 P.S.I.
 Final Closed In Period Minutes 63 (G) 888 P.S.I.
 Final Hydrostatic Pressure (H) 1746 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 6-24-80 Test Ticket No. 4257
 Recorder No. 3474 Capacity 3000 Location 3238 Ft.
 Clock No. - Elevation - Well Temperature 113 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1759</u> P.S.I.	Open Tool	<u>11:28 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>62</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>63</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>883</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>96</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure	<u>126</u> P.S.I.			
G Final Closed-in Pressure	<u>888</u> P.S.I.			
H Final Hydrostatic Mud	<u>1746</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: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 17 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 21 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>62</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>126</u>
P 2	<u>51</u>	<u>3</u>	<u>245</u>	<u>5</u>	<u>89</u>	<u>3</u>	<u>147</u>
P 3	<u>49</u>	<u>6</u>	<u>484</u>	<u>10</u>	<u>89</u>	<u>6</u>	<u>192</u>
P 4	<u>52</u>	<u>9</u>	<u>663</u>	<u>15</u>	<u>91</u>	<u>9</u>	<u>253</u>
P 5	<u>56</u>	<u>12</u>	<u>771</u>	<u>20</u>	<u>96</u>	<u>12</u>	<u>354</u>
P 6	<u>60</u>	<u>15</u>	<u>817</u>	<u>25</u>	<u>102</u>	<u>15</u>	<u>512</u>
P 7	<u>63</u>	<u>18</u>	<u>842</u>	<u>30</u>	<u>105</u>	<u>18</u>	<u>636</u>
P 8		<u>21</u>	<u>858</u>	<u>35</u>	<u>108</u>	<u>21</u>	<u>724</u>
P 9		<u>24</u>	<u>868</u>	<u>40</u>	<u>110</u>	<u>24</u>	<u>777</u>
P10		<u>27</u>	<u>878</u>	<u>45</u>	<u>114</u>	<u>27</u>	<u>808</u>
P11		<u>30</u>	<u>883</u>	<u>50</u>	<u>114</u>	<u>30</u>	<u>830</u>
P12				<u>55</u>	<u>115</u>	<u>33</u>	<u>839</u>
P13				<u>60</u>	<u>116</u>	<u>36</u>	<u>850</u>
P14				<u>65</u>	<u>118</u>	<u>39</u>	<u>859</u>
P15				<u>70</u>	<u>120</u>	<u>42</u>	<u>865</u>
P16				<u>75</u>	<u>121</u>	<u>45</u>	<u>871</u>
P17				<u>80</u>	<u>123</u>	<u>48</u>	<u>875</u>
P18				<u>85</u>	<u>126</u>	<u>51</u>	<u>179</u>
P19						<u>54</u>	<u>882</u>
P20						<u>57</u>	<u>884</u>
						<u>60</u>	<u>888</u>
						<u>63</u>	<u>888</u>

Wt. # 4257

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