

Company McGinness Oil Company Lease & Well No. Ohlson "B" #1
Elevation ----- Formation Mississippian Effective Pay --- Ft. Ticket No. 8555
Date 10/31/80 Sec. 9 Twp. 35S Range 12W County Barber State Kansas
Test Approved by Doug McGinness Western Representative Stuart Stover

Formation Test No. 1 Interval Tested from 4804 ft. to 4853 ft. Total Depth 4853 ft.
Packer Depth 4799 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4804 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4809 ft. Recorder Number 11018 Cap. 4425
Bottom Recorder Depth (Outside) 4812 ft. Recorder Number 11019 Cap. 4500
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Slawson Drilling Rig #5 Drill Collar Length 437 I. D. 2 1/4 in.
Mud Type premix-drillpac 50 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 8.4 cc. Drill Pipe Length 4346 I. D. 4.0 in.
Chlorides 15,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.
Jars: Make - Serial Number - Anchor Length 49 ft. Size 4 1/2 in.
Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1 1/2 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Good blow ; off bottom of bucket throughout test.

Recovered 90 ft. of mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks:

Time Set Packer(s) 11:15 A.M. Time Started Off Bottom 3:45 P.M. Maximum Temperature 119°
Initial Hydrostatic Pressure 2410 (A) P.S.I.
Initial Flow Period 30 Minutes (B) 75 P.S.I. to (C) 54 P.S.I.
Initial Closed In Period 30 Minutes (D) 73 P.S.I.
Final Flow Period 125 Minutes (E) 62 P.S.I. to (F) 58 P.S.I.
Final Closed In Period 108 Minutes (G) 407 P.S.I.
Final Hydrostatic Pressure 2404 (H) P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 10/31/80 Recorder No. 11018 Capacity 4425 Test Ticket No. 8555
 Clock No. --- Elevation --- Location 4809 Ft. 119
 Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2410 P.S.I.	Open Tool	11:15P M	
B First Initial Flow Pressure	75 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	54 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	73 P.S.I.	Second Flow Pressure	120 Mins.	125 Mins.
E Second Initial Flow Pressure	62 P.S.I.	Final Closed-in Pressure	90 Mins.	108 Mins.
F Second Final Flow Pressure	58 P.S.I.			
G Final Closed-in Pressure	407 P.S.I.			
H Final Hydrostatic Mud	2404 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>25</u> Inc.		Breakdown: <u>36</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>75</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>62</u>	<u>0</u>	<u>58</u>
P 2 <u>5</u>	<u>66</u>	<u>3</u>	<u>56</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>64</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>58</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>77</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>60</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>88</u>
P 5 <u>20</u>	<u>53</u>	<u>12</u>	<u>64</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>104</u>
P 6 <u>25</u>	<u>53</u>	<u>15</u>	<u>68</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>117</u>
P 7 <u>30</u>	<u>54</u>	<u>18</u>	<u>69</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>133</u>
P 8 _____		<u>21</u>	<u>70</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>140</u>
P 9 _____		<u>24</u>	<u>71</u>	<u>40</u>	<u>57</u>	<u>24</u>	<u>151</u>
P10 _____		<u>27</u>	<u>72</u>	<u>45</u>	<u>57</u>	<u>27</u>	<u>162</u>
P11 _____		<u>30</u>	<u>73</u>	<u>50</u>	<u>57</u>	<u>30</u>	<u>173</u>
P12 _____				<u>55</u>	<u>57</u>	<u>33</u>	<u>184</u>
P13 _____				<u>60</u>	<u>58</u>	<u>36</u>	<u>195</u>
P14 _____				<u>65</u>	<u>58</u>	<u>39</u>	<u>204</u>
P15 _____				<u>70</u>	<u>58</u>	<u>42</u>	<u>213</u>
P16 _____				<u>75</u>	<u>58</u>	<u>45</u>	<u>222</u>
P17 _____				<u>80</u>	<u>58</u>	<u>48</u>	<u>233</u>
P18 _____				<u>85</u>	<u>58</u>	<u>51</u>	<u>242</u>
P19 _____				<u>90</u>	<u>58</u>	<u>54</u>	<u>253</u>
P20 _____						<u>57</u>	<u>260</u>
						<u>60</u>	<u>271</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 10/31/80 Recorder No. 11018 Capacity 4425 Test Ticket No. 8555
 Location 4809 Ft. 119
 Clock No. --- Elevation --- Well Temperature --- °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2410 P.S.I.	Open Tool	11:15P M	
B First Initial Flow Pressure	75 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	54 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	73 P.S.I.	Second Flow Pressure	120 Mins.	125 Mins.
E Second Initial Flow Pressure	62 P.S.I.	Final Closed-in Pressure	90 Mins.	108 Mins.
F Second Final Flow Pressure	58 P.S.I.			
G Final Closed-in Pressure	407 P.S.I.			
H Final Hydrostatic Mud	2404 P.S.I.			

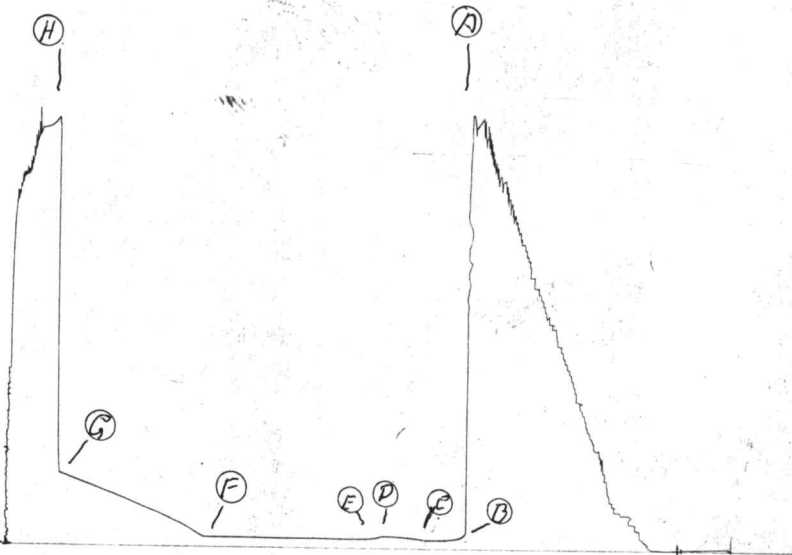
PRESSURE BREAKDOWN

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>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Second Flow Pressure Breakdown: <u>25</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Final Shut-In Breakdown: <u>36</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1				95	58	63	280
P 2				100	58	66	291
P 3				105	58	69	300
P 4				110	58	72	306
P 5				115	58	75	315
P 6				120	58	78	324
P 7				125	58	81	329
P 8						84	340
P 9						87	348
P10						90	357
P11						93	364
P12						96	373
P13						99	382
P14						102	391
P15						105	400
P16						108	407
P17							
P18							
P19							
P20							

11018-8555

JK #8555

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McGinness Oil Company

Ohlson "B" #1

Company ----- Lease & Well No. -----
 Elevation ----- Formation Mississippi Effective Pay ----- Ft. Ticket No. 8556
 Date 11/1/80 Sec. 9 Twp 35S Range 12W County Barber State Kansas
 Test Approved by Douglas McGinness II Western Representative Stuart Stover

Formation Test No. 2 Interval Tested from 4854 ft. to 4876 ft. Total Depth 4876 ft.

Packer Depth 4849 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4854 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4859 ft. Recorder Number 11018 Cap. 4425

Bottom Recorder Depth (Outside) 4862 ft. Recorder Number 11019 Cap. 4500

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #5 Drill Collar Length 437 I. D. 2 1/4 in.

Mud Type premix-driscap viscosity 48 Weight Pipe Length - I. D. - in.

Weight 9.4 Water Loss 9.6 cc. Drill Pipe Length 4396 I. D. 4.0 in.

Chlorides 17,000 P.P.M. Test Tool Length 21 ft. Tool Size 3 1/2 in.

Jars: Make - Serial Number - Anchor Length 22 ft. Size 4 1/2 in.

Did Well Flow? - Reversed Out - Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Good blow; off bottom of bucket. Gas to surface in fifteen minutes on final shut-in.

Recovered 135 ft. of gassy oil

Recovered 60 ft. of gassy muddy oil

Recovered 120 ft. of heavy oil and gas cut mud

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:00 ~~A.M.~~ P.M. Time Started Off Bottom 7:30 ~~A.M.~~ P.M. Maximum Temperature 119°

Initial Hydrostatic Pressure (A) 2442 P.S.I.

Initial Flow Period Minutes 30 (B) 106 P.S.I. to (C) 94 P.S.I.

Initial Closed In Period Minutes 33 (D) 785 P.S.I.

Final Flow Period Minutes 125 (E) 137 P.S.I. to (F) 171 P.S.I.

Final Closed In Period Minutes 96 (G) 1612 P.S.I.

Final Hydrostatic Pressure (H) 2442 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 11/8/80 Recorder No. 11018 Capacity 4425 Test Ticket No. 8556
 Clock No. --- Elevation - Location 4859 Ft. 119
 Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2442	P.S.I.	3:00P M	
B First Initial Flow Pressure	106	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	94	P.S.I.	30 Mins.	33 Mins.
D Initial Closed-in Pressure	785	P.S.I.	120 Mins.	125 Mins.
E Second Initial Flow Pressure	137	P.S.I.	90 Mins.	96 Mins.
F Second Final Flow Pressure	171	P.S.I.		
G Final Closed-in Pressure	1612	P.S.I.		
H Final Hydrostatic Mud	2442	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>25</u> Inc.		Breakdown: <u>32</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>106</u>	<u>0</u>	<u>94</u>	<u>0</u>	<u>137</u>	<u>0</u>	<u>171</u>
P 2 <u>5</u>	<u>88</u>	<u>3</u>	<u>108</u>	<u>5</u>	<u>128</u>	<u>3</u>	<u>184</u>
P 3 <u>10</u>	<u>86</u>	<u>6</u>	<u>117</u>	<u>10</u>	<u>124</u>	<u>6</u>	<u>197</u>
P 4 <u>15</u>	<u>86</u>	<u>9</u>	<u>151</u>	<u>15</u>	<u>122</u>	<u>9</u>	<u>220</u>
P 5 <u>20</u>	<u>88</u>	<u>12</u>	<u>220</u>	<u>20</u>	<u>122</u>	<u>12</u>	<u>251</u>
P 6 <u>25</u>	<u>91</u>	<u>15</u>	<u>284</u>	<u>25</u>	<u>122</u>	<u>15</u>	<u>293</u>
P 7 <u>30</u>	<u>94</u>	<u>18</u>	<u>364</u>	<u>30</u>	<u>122</u>	<u>18</u>	<u>353</u>
P 8		<u>21</u>	<u>455</u>	<u>35</u>	<u>124</u>	<u>21</u>	<u>417</u>
P 9		<u>24</u>	<u>524</u>	<u>40</u>	<u>126</u>	<u>24</u>	<u>480</u>
P10		<u>27</u>	<u>610</u>	<u>45</u>	<u>128</u>	<u>27</u>	<u>548</u>
P11		<u>30</u>	<u>707</u>	<u>50</u>	<u>131</u>	<u>30</u>	<u>648</u>
P12		<u>33</u>	<u>785</u>	<u>55</u>	<u>134</u>	<u>33</u>	<u>747</u>
P13				<u>60</u>	<u>137</u>	<u>36</u>	<u>834</u>
P14				<u>65</u>	<u>140</u>	<u>39</u>	<u>915</u>
P15				<u>70</u>	<u>143</u>	<u>42</u>	<u>991</u>
P16				<u>75</u>	<u>146</u>	<u>45</u>	<u>1066</u>
P17				<u>80</u>	<u>148</u>	<u>48</u>	<u>1132</u>
P18				<u>85</u>	<u>150</u>	<u>51</u>	<u>1193</u>
P19				<u>90</u>	<u>153</u>	<u>54</u>	<u>1235</u>
P20				<u>95</u>	<u>155</u>	<u>57</u>	<u>1286</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 11/8/80 Test Ticket No. 8556
 Recorder No. 11018 Capacity 4425 Location 4859 Ft.
 Clock No. --- Elevation - Well Temperature 119 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2442	P.S.I.	3:00P M	
B First Initial Flow Pressure	106	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	94	P.S.I.	30 Mins.	33 Mins.
D Initial Closed-in Pressure	785	P.S.I.	120 Mins.	125 Mins.
E Second Initial Flow Pressure	137	P.S.I.	90 Mins.	96 Mins.
F Second Final Flow Pressure	171	P.S.I.		
G Final Closed-in Pressure	1612	P.S.I.		
H Final Hydrostatic Mud	2442	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>25</u> Inc.		Breakdown: <u>32</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				100	157	63	1367
P 2				105	160	66	1407
P 3				110	162	69	1438
P 4				115	164	72	1469
P 5				120	166	75	1495
P 6				125	171	78	1519
P 7						81	1539
P 8						84	1559
P 9						87	1574
P10						90	1590
P11						93	1605
P12						96	1612
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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