

Company McGinness Oil Company Lease & Well No. Lohmann "B" #5
Elevation ----- Formation Cherokee Sand Effective Pay -- Ft. Ticket No. 11128
Date 2/23/81 Sec. 3 Twp. 35S Range 12W County Barber State Kansas
Test Approved by Doug McGinness II Western Representative Dan Delaney
Formation Test No. 1 Interval Tested from 4746 ft. to 4760 ft. Total Depth 4760 ft.
Packer Depth 4746 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4741 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4751 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 4754 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Slawson Drilling Rig #5 Drill Collar Length 435 I. D. 2.2 in.
Mud Type premix-driscopac Viscosity 56 Weight Pipe Length 120 I. D. 2.7 in.
Weight 9.3 Water Loss 10.2 cc. Drill Pipe Length 4270 I. D. 3.8 in.
Chlorides 10,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
Jars: Make - Serial Number - Anchor Length 14 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out No 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 in.

Blow: Weak blow throughout test.

Recovered 5 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 6:05 ~~A.M.~~ P.M. Time Started Off Bottom 8:35 ~~A.M.~~ P.M. Maximum Temperature 117°
Initial Hydrostatic Pressure (A) 2369 P.S.I.
Initial Flow Period Minutes 30 (B) 50 P.S.I. to (C) 43 P.S.I.
Initial Closed In Period Minutes 30 (D) 49 P.S.I.
Final Flow Period Minutes 30 (E) 41 P.S.I. to (F) 39 P.S.I.
Final Closed In Period Minutes 57 (G) 44 P.S.I.
Final Hydrostatic Pressure (H) 2369 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 2/23/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11128
 Location 4751 Ft. Clock No. ---- Elevation ---- Well Temperature 117 °F

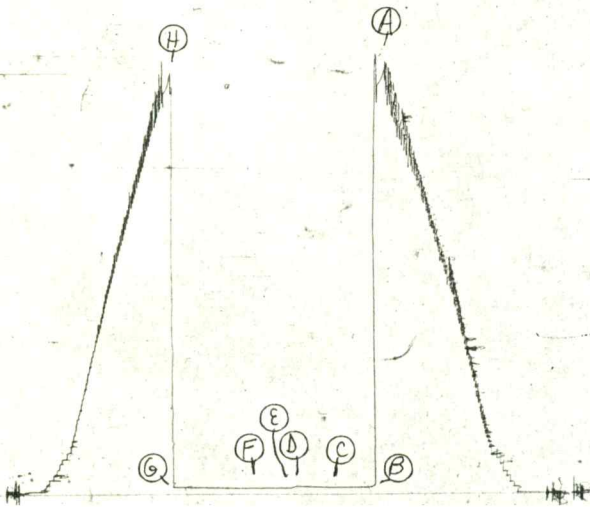
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2369 P.S.I.	Open Tool	6:05P	M
B First Initial Flow Pressure	50 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	43 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	49 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	41 P.S.I.	Final Closed-in Pressure	60 Mins.	57 Mins.
F Second Final Flow Pressure	39 P.S.I.			
G Final Closed-in Pressure	44 P.S.I.			
H Final Hydrostatic Mud	2369 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>6</u> Inc.		Breakdown: <u>19</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>50</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>39</u>
P 2 <u>5</u>	<u>43</u>	<u>3</u>	<u>43</u>	<u>5</u>	<u>39</u>	<u>3</u>	<u>39</u>
P 3 <u>10</u>	<u>43</u>	<u>6</u>	<u>43</u>	<u>10</u>	<u>39</u>	<u>6</u>	<u>39</u>
P 4 <u>15</u>	<u>43</u>	<u>9</u>	<u>43</u>	<u>15</u>	<u>39</u>	<u>9</u>	<u>39</u>
P 5 <u>20</u>	<u>43</u>	<u>12</u>	<u>45</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>39</u>
P 6 <u>25</u>	<u>43</u>	<u>15</u>	<u>46</u>	<u>25</u>	<u>39</u>	<u>15</u>	<u>39</u>
P 7 <u>30</u>	<u>43</u>	<u>18</u>	<u>47</u>	<u>30</u>	<u>39</u>	<u>18</u>	<u>39</u>
P 8		<u>21</u>	<u>47</u>			<u>21</u>	<u>39</u>
P 9		<u>24</u>	<u>48</u>			<u>24</u>	<u>40</u>
P10		<u>27</u>	<u>48</u>			<u>27</u>	<u>40</u>
P11		<u>30</u>	<u>49</u>			<u>30</u>	<u>41</u>
P12						<u>33</u>	<u>41</u>
P13						<u>36</u>	<u>42</u>
P14						<u>39</u>	<u>43</u>
P15						<u>42</u>	<u>43</u>
P16						<u>45</u>	<u>44</u>
P17						<u>48</u>	<u>44</u>
P18						<u>51</u>	<u>44</u>
P19						<u>54</u>	<u>44</u>
P20						<u>57</u>	<u>44</u>

TKT # 11128

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Company McGinness Oil Company Lease & Well No. Lohmann "B" #5
Elevation ---- Formation Mississippi Effective Pay - Ft. Ticket No. 11129
Date 2/24/81 Sec. 3 Twp. 35S Range 12W County Barber State Kansas
Test Approved by Douglas H. McGinness II Western Representative Dan Delaney

Formation Test No. 2 Interval Tested from 4760 ft. to 4790 ft. Total Depth 4790 ft.
Packer Depth 4760 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4755 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4772 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 4775 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #5 Drill Collar Length 435 D. 2.2 in.

Mud Type premix-drillpac 47 Weight Pipe Length 120 I. D. 2.7 in.

Weight 9.3 Water Loss 10.8 cc. Drill Pipe Length 418 1/4 D. 3.8 in.

Chlorides 10,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.

Jars: Make - Serial Number - Anchor Length 30 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO 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: Weak blow building to strong on initial flow period. Strong blow throughout final flow period.

Recovered 65 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:45 A.M. Time Started Off Bottom 2:15 P.M. Maximum Temperature 118°

Initial Hydrostatic Pressure 2369 (A) P.S.I.

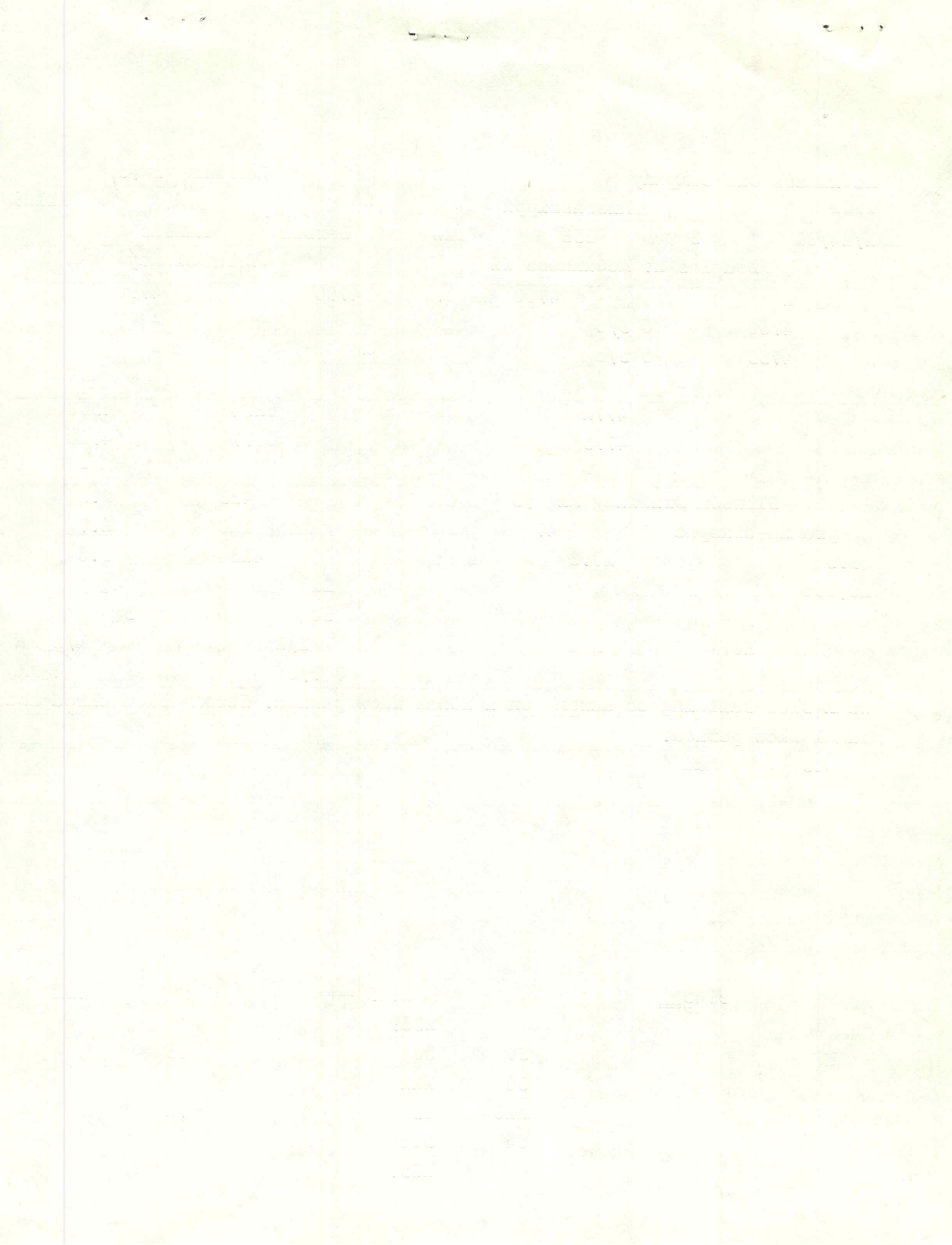
Initial Flow Period 30 Minutes (B) 80 P.S.I. to (C) 68 P.S.I.

Initial Closed In Period 30 Minutes (D) 112 P.S.I.

Final Flow Period 120 Minutes (E) 85 P.S.I. to (F) 72 P.S.I.

Final Closed In Period 84 Minutes (G) 568 P.S.I.

Final Hydrostatic Pressure 2357 (H) P.S.I.



WESTERN TESTING CO., INC.

Pressure Data

Date 2/24/81

Recorder No. 6234

Capacity 4500

Test Ticket No. 11129

Location 4772 Ft.

Clock No. - Elevation -

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2369 P.S.I.	Open Tool	9:45A	M
B First Initial Flow Pressure	80 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	68 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	112 P.S.I.	Second Flow Pressure	120 Mins.	120 Mins.
E Second Initial Flow Pressure	85 P.S.I.	Final Closed-in Pressure	90 Mins.	84 Mins.
F Second Final Flow Pressure	72 P.S.I.			
G Final Closed-in Pressure	568 P.S.I.			
H Final Hydrostatic Mud	2357 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>24</u> Inc.		Breakdown: <u>28</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>80</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>85</u>	<u>0</u>	<u>72</u>
P 2 <u>5</u>	<u>71</u>	<u>3</u>	<u>69</u>	<u>5</u>	<u>75</u>	<u>3</u>	<u>80</u>
P 3 <u>10</u>	<u>68</u>	<u>6</u>	<u>76</u>	<u>10</u>	<u>75</u>	<u>6</u>	<u>99</u>
P 4 <u>15</u>	<u>68</u>	<u>9</u>	<u>83</u>	<u>15</u>	<u>75</u>	<u>9</u>	<u>122</u>
P 5 <u>20</u>	<u>68</u>	<u>12</u>	<u>87</u>	<u>20</u>	<u>75</u>	<u>12</u>	<u>140</u>
P 6 <u>25</u>	<u>68</u>	<u>15</u>	<u>92</u>	<u>25</u>	<u>75</u>	<u>15</u>	<u>161</u>
P 7 <u>30</u>	<u>68</u>	<u>18</u>	<u>98</u>	<u>30</u>	<u>75</u>	<u>18</u>	<u>178</u>
P 8		<u>21</u>	<u>100</u>	<u>35</u>	<u>75</u>	<u>21</u>	<u>193</u>
P 9		<u>24</u>	<u>103</u>	<u>40</u>	<u>75</u>	<u>24</u>	<u>213</u>
P10		<u>27</u>	<u>108</u>	<u>45</u>	<u>75</u>	<u>27</u>	<u>229</u>
P11		<u>30</u>	<u>112</u>	<u>50</u>	<u>75</u>	<u>30</u>	<u>248</u>
P12				<u>55</u>	<u>75</u>	<u>33</u>	<u>266</u>
P13				<u>60</u>	<u>73</u>	<u>36</u>	<u>283</u>
P14				<u>65</u>	<u>72</u>	<u>39</u>	<u>303</u>
P15				<u>70</u>	<u>72</u>	<u>42</u>	<u>321</u>
P16				<u>75</u>	<u>72</u>	<u>45</u>	<u>342</u>
P17				<u>80</u>	<u>72</u>	<u>48</u>	<u>358</u>
P18				<u>85</u>	<u>72</u>	<u>51</u>	<u>376</u>
P19				<u>90</u>	<u>72</u>	<u>54</u>	<u>392</u>
P20				<u>95</u>	<u>72</u>	<u>57</u>	<u>411</u>
				<u>100</u>	<u>72</u>	<u>60</u>	<u>429</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 2/24/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11129 Location 4772 Ft.
Clock No. - Elevation - Well Temperature 118 °F

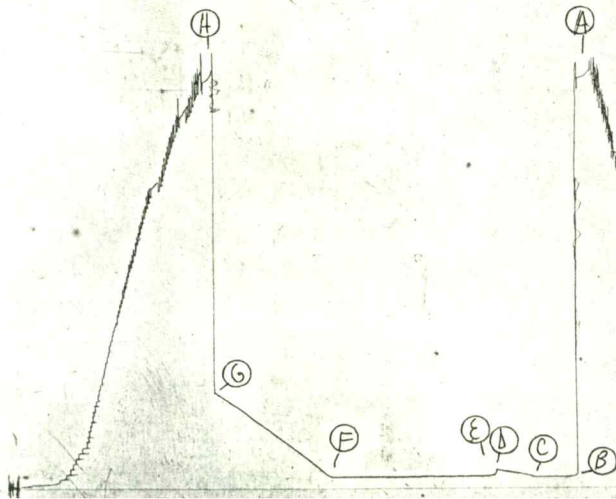
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2369</u> P.S.I.	Open Tool	<u>9:45A</u> M	
B First Initial Flow Pressure	<u>80</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>68</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>112</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>85</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>84</u> Mins.
F Second Final Flow Pressure	<u>72</u> P.S.I.			
G Final Closed-in Pressure	<u>568</u> P.S.I.			
H Final Hydrostatic Mud	<u>2357</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>10</u> Inc.		Breakdown: <u>24</u> Inc.		Breakdown: <u>28</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				105	72	63	447
P 2				110	72	66	470
P 3				115	72	69	484
P 4				120	72	72	500
P 5						75	518
P 6						78	534
P 7						81	550
P 8						84	568
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 11129

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Company McGinness Oil Company Lease & Well No. Lohmann "B" #5
Elevation ---- Formation Mississippi Effective Pay - Ft. Ticket No. 11130
Date 2/25/81 Sec. 3 Twp. 35S Range 12W County Barber State Kansas
Test Approved by Doug McGinness Western Representative Dan Delaney

Formation Test No. 3 Interval Tested from 4790 ft. to 4820 ft. Total Depth 4820 ft.
Packer Depth 4790 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4785 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4802 ft. Recorder Number 6234 Cap. 4500
Bottom Recorder Depth (Outside) 4805 ft. Recorder Number 6077 Cap. 4700
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Slawson Drilling Rig #5 Drill Collar Length 435 I. D. 2.2 in.
Mud Type premix-driscac Viscosity 56 Weight Pipe Length 120 I. D. 2.7 in.
Weight 9.3 Water Loss 11.6 cc. Drill Pipe Length 4214 I. D. 3.8 in.
Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.
Jars: Make - Serial Number - Anchor Length 30 ft. Size 5.5 in.
Did Well Flow? No Reversed Out No 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: Initial flow period weak blow building to a good blow. Final flow period good blow building to a strong blow.

Recovered 115 ft. of slightly oil specked mud
Recovered 10 ft. of heavily oil cut mud
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 2:55 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 7:25 ~~P.M.~~ ^{A.M.} Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 2391 P.S.I.
Initial Flow Period Minutes 30 (B) 67 P.S.I. to (C) 56 P.S.I.
Initial Closed In Period Minutes 30 (D) 132 P.S.I.
Final Flow Period Minutes 120 (E) 72 P.S.I. to (F) 86 P.S.I.
Final Closed In Period Minutes 90 (G) 272 P.S.I.
Final Hydrostatic Pressure (H) 2357 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 2/25/81 Recorder No. 6234 Capacity 4500 Test Ticket No. 11130
 Clock No. -- Elevation -- Location 4802 Ft. Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2391</u> P.S.I.	Open Tool	<u>2:55A</u> M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>56</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>132</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>72</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>86</u> P.S.I.			
G Final Closed-in Pressure	<u>272</u> P.S.I.			
H Final Hydrostatic Mud	<u>2357</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>10</u> Inc.		Breakdown: <u>24</u> Inc.		Breakdown: <u>30</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>67</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>86</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>61</u>	<u>5</u>	<u>69</u>	<u>3</u>	<u>89</u>
P 3 <u>10</u>	<u>55</u>	<u>6</u>	<u>67</u>	<u>10</u>	<u>68</u>	<u>6</u>	<u>92</u>
P 4 <u>15</u>	<u>55</u>	<u>9</u>	<u>76</u>	<u>15</u>	<u>68</u>	<u>9</u>	<u>99</u>
P 5 <u>20</u>	<u>55</u>	<u>12</u>	<u>83</u>	<u>20</u>	<u>69</u>	<u>12</u>	<u>106</u>
P 6 <u>25</u>	<u>56</u>	<u>15</u>	<u>92</u>	<u>25</u>	<u>70</u>	<u>15</u>	<u>110</u>
P 7 <u>30</u>	<u>56</u>	<u>18</u>	<u>101</u>	<u>30</u>	<u>71</u>	<u>18</u>	<u>117</u>
P 8		<u>21</u>	<u>112</u>	<u>35</u>	<u>73</u>	<u>21</u>	<u>124</u>
P 9		<u>24</u>	<u>122</u>	<u>40</u>	<u>75</u>	<u>24</u>	<u>128</u>
P10		<u>27</u>	<u>128</u>	<u>45</u>	<u>76</u>	<u>27</u>	<u>135</u>
P11		<u>30</u>	<u>132</u>	<u>50</u>	<u>77</u>	<u>30</u>	<u>141</u>
P12				<u>55</u>	<u>77</u>	<u>33</u>	<u>149</u>
P13				<u>60</u>	<u>78</u>	<u>36</u>	<u>155</u>
P14				<u>65</u>	<u>79</u>	<u>39</u>	<u>163</u>
P15				<u>70</u>	<u>79</u>	<u>42</u>	<u>169</u>
P16				<u>75</u>	<u>80</u>	<u>45</u>	<u>177</u>
P17				<u>80</u>	<u>81</u>	<u>48</u>	<u>181</u>
P18				<u>85</u>	<u>81</u>	<u>51</u>	<u>188</u>
P19				<u>90</u>	<u>82</u>	<u>54</u>	<u>195</u>
P20				<u>95</u>	<u>83</u>	<u>57</u>	<u>202</u>
				<u>100</u>	<u>83</u>	<u>60</u>	<u>209</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 2/25/81 Test Ticket No. 11130
 Recorder No. 6234 Capacity 4500 Location 4802 Ft.
 Clock No. -- Elevation -- Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2391</u> P.S.I.	Open Tool	<u>2:55A</u> M	
B First Initial Flow Pressure	<u>67</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>56</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>132</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>72</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>90</u> Mins.
F Second Final Flow Pressure	<u>86</u> P.S.I.			
G Final Closed-in Pressure	<u>272</u> P.S.I.			
H Final Hydrostatic Mud	<u>2357</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>10</u> Inc.		Breakdown: <u>24</u> Inc.		Breakdown: <u>30</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>105</u>	<u>84</u>	<u>63</u>	<u>216</u>
P 2				<u>110</u>	<u>85</u>	<u>66</u>	<u>222</u>
P 3				<u>115</u>	<u>85</u>	<u>69</u>	<u>229</u>
P 4				<u>120</u>	<u>86</u>	<u>72</u>	<u>236</u>
P 5						<u>75</u>	<u>243</u>
P 6						<u>78</u>	<u>250</u>
P 7						<u>81</u>	<u>257</u>
P 8						<u>84</u>	<u>264</u>
P 9						<u>87</u>	<u>270</u>
P10						<u>90</u>	<u>272</u>
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

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