

Company Beren Corporation Lease & Well No. Sterling #2
Elevation 1463 Kelly Bushing Formation Cherokee Effective Pay -- Ft. Ticket No. 6159
Date 6-27-80 Sec. 5 Twp. 35 S Range 12 W County Barber State Kansas
Test Approved by Steve Dixon Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4765 ft. to 4790 ft. Total Depth 4790 ft.
Packer Depth 4760 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Packer Depth 4765 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
Depth of Selective Zone Set --

Top Recorder Depth (Inside) 4780 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4783 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
Drilling Contractor Beredco Drilling Rig #1 Drill Collar Length 248 I. D. 2 1/4 in.
Mud Type Premix-driscac Viscosity 89 Weight Pipe Length -- I. D. -- in.
Weight 9.4 Water Loss 10.2 cc. Drill Pipe Length 4496 I. D. 3.8 in.
Chlorides -- P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number -- Anchor Length 25 ft. Size 5 1/2 OD in.
Did Well Flow? YES Reversed Out NO Surface Choke Size 7 7/8 in. Bottom Choke Size 4 1/2 FH in.
Main Hole Size -- in. Tool Joint Size -- in.

Blow: Strong blow throughout flow periods gas to surface in 40 minutes on preflow-- See attached
sheet for gas measurements.

Recovered 90 ft. of Gas Cut Mud
Recovered -- ft. of
Recovered -- ft. of
Recovered -- ft. of
Recovered -- ft. of
Remarks: Tight Hole

Time Set Packer(s) 9:20 ~~7:20~~ P.M. Time Started Off Bottom 2:50 ~~P.M.~~ A.M. Maximum Temperature 130°
Initial Hydrostatic Pressure (A) 2429 P.S.I.
Initial Flow Period Minutes 60 (B) 66 P.S.I. to (C) 68 P.S.I.
Initial Closed In Period Minutes 60 (D) 144 P.S.I.
Final Flow Period Minutes 90 (E) 77 P.S.I. to (F) 70 P.S.I.
Final Closed In Period Minutes 120 (G) 152 P.S.I.
Final Hydrostatic Pressure (H) 2417 P.S.I.

GAS FLOW REPORT

Date 6/27/80 Ticket 6159 Company Beren Corporation
 Well Name and No. Sterling #2 Dst No. 1 Interval Tested 4765'-4790'
 County Barber State Kansas Sec. 5 Twp. 35S Rg. 12W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
Gas to surface in forty minutes. PRE FLOW						
	50 min.	10" of water		1/2" orifice		19,900 CFPD
	60 min.	12" of water		1/2" orifice		21,900 CFPD

SECOND FLOW						
	10 min.	13" of water		1/2" orifice		22,800 CFPD
	20 min.	17" of water		1/2" orifice		25,800 CFPD
	30 min.	17" of water		1/2" orifice		25,800 CFPD
	40 min.	18" of water		1/2" orifice		26,600 CFPD
	50 min.					
	60 min.	STABALIZED THROUGHOUT REST OF OPENING.				
	70 min.					
	80 min.					
	90 min.					

GAS BOTTLE

Serial No. _____ Date Bottle Filled _____ Date to be Invoiced 6/27/80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1 1/2% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Beren Corporation
Steve Dixon
 Authorized by _____

WESTERN TESTING CO., INC.

Pressure Data

Date 6-27-80 Test Ticket No. 6159
 Recorder No. 2607 Capacity 4150 Location 4780 Ft.
 Clock No. -- Elevation 1463 Kelly Bushing Well Temperature 130 °F
 Point Pressure Time Given Time Computed
 A Initial Hydrostatic Mud 2429 P.S.I. Open Tool 9:20 P M
 B First Initial Flow Pressure 66 P.S.I. First Flow Pressure 60 Mins. 60 Mins.
 C First Final Flow Pressure 68 P.S.I. Initial Closed-in Pressure 60 Mins. 60 Mins.
 D Initial Closed-in Pressure 144 P.S.I. Second Flow Pressure 90 Mins. 90 Mins.
 E Second Initial Flow Pressure 77 P.S.I. Final Closed-in Pressure 120 Mins. 120 Mins.
 F Second Final Flow Pressure 70 P.S.I.
 G Final Closed-in Pressure 152 P.S.I.
 H Final Hydrostatic Mud 2417 P.S.I.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>40</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>66</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>77</u>	<u>0</u>	<u>70</u>
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>113</u>	<u>5</u>	<u>74</u>	<u>3</u>	<u>104</u>
P 3 <u>10</u>	<u>61</u>	<u>6</u>	<u>123</u>	<u>10</u>	<u>72</u>	<u>6</u>	<u>114</u>
P 4 <u>15</u>	<u>61</u>	<u>9</u>	<u>128</u>	<u>15</u>	<u>72</u>	<u>9</u>	<u>121</u>
P 5 <u>20</u>	<u>62</u>	<u>12</u>	<u>130</u>	<u>20</u>	<u>72</u>	<u>12</u>	<u>123</u>
P 6 <u>25</u>	<u>63</u>	<u>15</u>	<u>132</u>	<u>25</u>	<u>72</u>	<u>15</u>	<u>125</u>
P 7 <u>30</u>	<u>65</u>	<u>18</u>	<u>133</u>	<u>30</u>	<u>72</u>	<u>18</u>	<u>126</u>
P 8 <u>35</u>	<u>65</u>	<u>21</u>	<u>134</u>	<u>35</u>	<u>72</u>	<u>21</u>	<u>127</u>
P 9 <u>40</u>	<u>67</u>	<u>24</u>	<u>135</u>	<u>40</u>	<u>72</u>	<u>24</u>	<u>128</u>
P10 <u>45</u>	<u>67</u>	<u>27</u>	<u>136</u>	<u>45</u>	<u>72</u>	<u>27</u>	<u>129</u>
P11 <u>50</u>	<u>67</u>	<u>30</u>	<u>137</u>	<u>50</u>	<u>72</u>	<u>30</u>	<u>129</u>
P12 <u>55</u>	<u>68</u>	<u>33</u>	<u>138</u>	<u>55</u>	<u>72</u>	<u>33</u>	<u>130</u>
P13 <u>60</u>	<u>68</u>	<u>36</u>	<u>139</u>	<u>60</u>	<u>72</u>	<u>36</u>	<u>131</u>
P14		<u>39</u>	<u>140</u>	<u>65</u>	<u>70</u>	<u>39</u>	<u>131</u>
P15		<u>42</u>	<u>141</u>	<u>70</u>	<u>70</u>	<u>42</u>	<u>132</u>
P16		<u>45</u>	<u>142</u>	<u>75</u>	<u>70</u>	<u>45</u>	<u>133</u>
P17		<u>48</u>	<u>142</u>	<u>80</u>	<u>70</u>	<u>48</u>	<u>133</u>
P18		<u>51</u>	<u>143</u>	<u>85</u>	<u>70</u>	<u>51</u>	<u>134</u>
P19		<u>54</u>	<u>143</u>	<u>90</u>	<u>70</u>	<u>54</u>	<u>135</u>
P20		<u>57</u>	<u>144</u>			<u>57</u>	<u>136</u>
		<u>60</u>	<u>144</u>			<u>60</u>	<u>137</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 6-27-80

Test Ticket No. 6159

Recorder No. 2607 Capacity 4150 Location 4780 Ft.

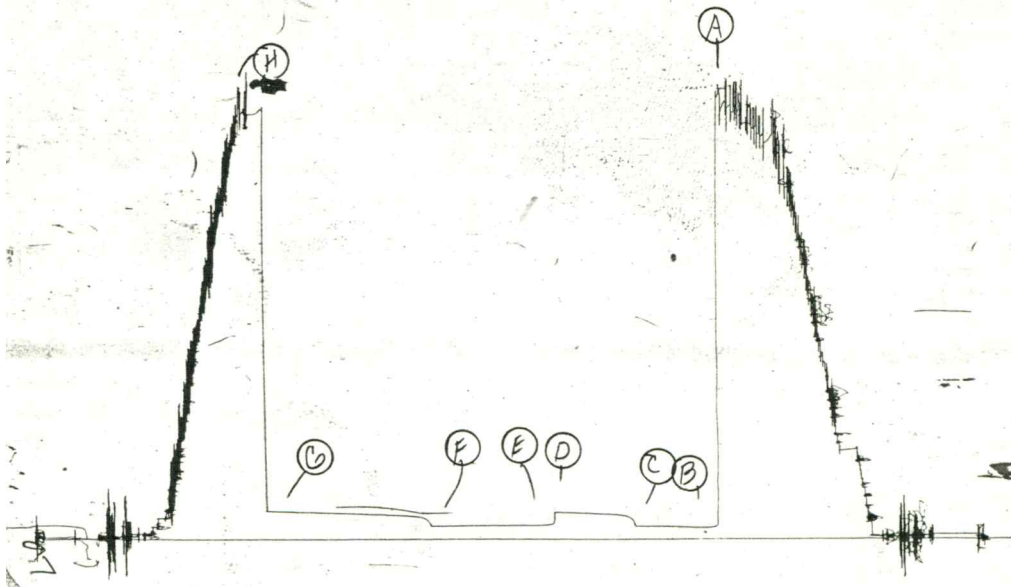
Clock No. -- Elevation 1463 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2429</u> P.S.I.	Open Tool	<u>9:20</u> P M	
B First Initial Flow Pressure	<u>66</u> P.S.I.	First Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
C First Final Flow Pressure	<u>68</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>144</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>77</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>120</u> Mins.
F Second Final Flow Pressure	<u>70</u> P.S.I.			
G Final Closed-in Pressure	<u>152</u> P.S.I.			
H Final Hydrostatic Mud	<u>2417</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>12</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>40</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>63</u>	<u>138</u>
P 2						<u>66</u>	<u>139</u>
P 3						<u>69</u>	<u>140</u>
P 4						<u>72</u>	<u>141</u>
P 5						<u>75</u>	<u>142</u>
P 6						<u>78</u>	<u>142</u>
P 7						<u>81</u>	<u>143</u>
P 8						<u>84</u>	<u>143</u>
P 9						<u>87</u>	<u>144</u>
P10						<u>90</u>	<u>144</u>
P11						<u>93</u>	<u>145</u>
P12						<u>96</u>	<u>146</u>
P13						<u>99</u>	<u>147</u>
P14						<u>102</u>	<u>148</u>
P15						<u>105</u>	<u>148</u>
P16						<u>108</u>	<u>149</u>
P17						<u>111</u>	<u>150</u>
P18						<u>114</u>	<u>151</u>
P19						<u>117</u>	<u>152</u>
P20						<u>120</u>	<u>152</u>

KT# 6159
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Company Beren Corporation Lease & Well No. Sterling Drilling #2
 Elevation 1463 Kelly Bushing Formation Mississippi Effective Pay -- Ft. Ticket No. 6160
 Date 6-28-80 Sec. 5 Twp. 35S Range 12W County Barber State Kansas
 Test Approved by Steve Dixon Western Representative Jim Wondra
 Formation Test No. 2 Interval Tested from 4807 ft. to 4830 ft. Total Depth 4830 ft.
 Packer Depth 4802 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Packer Depth 4807 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 4820 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4823 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
 Drilling Contractor Beredco Drilling Rig #1 Drill Collar Length 248 I. D. 2 1/4 in.
 Mud Type Premix-Drispac Viscosity 47 Weight Pipe Length -- I. D. -- in.
 Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 4538 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 23 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 flow periods

Recovered 190 ft. of Drilling Mud

Recovered 60 ft. of Heavy Oil cut Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tight Hole - Slid tool 10' to bottom

Time Set Packer(s) 2:20 ~~AM~~ P.M. Time Started Off Bottom 7:35 ~~AM~~ P.M. Maximum Temperature 130⁰
 Initial Hydrostatic Pressure 2405 P.S.I. (A)
 Initial Flow Period 45 Minutes (B) 169 P.S.I. to (C) 157 P.S.I.
 Initial Closed In Period 60 Minutes (D) 890 P.S.I.
 Final Flow Period 90 Minutes (E) 114 P.S.I. to (F) 135 P.S.I.
 Final Closed In Period 120 Minutes (G) 1205 P.S.I.
 Final Hydrostatic Pressure 2360 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 6-28-80 Test Ticket No. 6160
 Recorder No. 2607 Capacity 4150 Location 4820 Ft.
 Clock No. -- Elevation 1463 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2405	P.S.I.	2:20 P.M.	
B First Initial Flow Pressure	169	P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	157	P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	890	P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	114	P.S.I.	120 Mins.	120 Mins.
F Second Final Flow Pressure	135	P.S.I.		
G Final Closed-in Pressure	1205	P.S.I.		
H Final Hydrostatic Mud	2360	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>40</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 0	169	0	157	0	114	0	135
P 2 5	166	3	169	5	121	3	171
P 3 10	161	6	206	10	125	6	210
P 4 15	159	9	246	15	129	9	254
P 5 20	157	12	293	20	131	12	299
P 6 25	157	15	335	25	133	15	337
P 7 30	157	18	372	30	135	18	388
P 8 35	157	21	414	35	135	21	439
P 9 40	157	24	458	40	135	24	471
P10 45	157	27	494	45	135	27	505
P11		30	534	50	135	30	538
P12		33	575	55	135	33	558
P13		36	614	60	135	36	594
P14		39	650	65	135	39	619
P15		42	695	70	135	42	652
P16		45	736	75	135	45	677
P17		48	771	80	135	48	709
P18		51	802	85	135	51	739
P19		54	841	90	135	54	770
P20		57	875			57	795
		60	890			60	820

WESTERN TESTING CO., INC.

Pressure Data

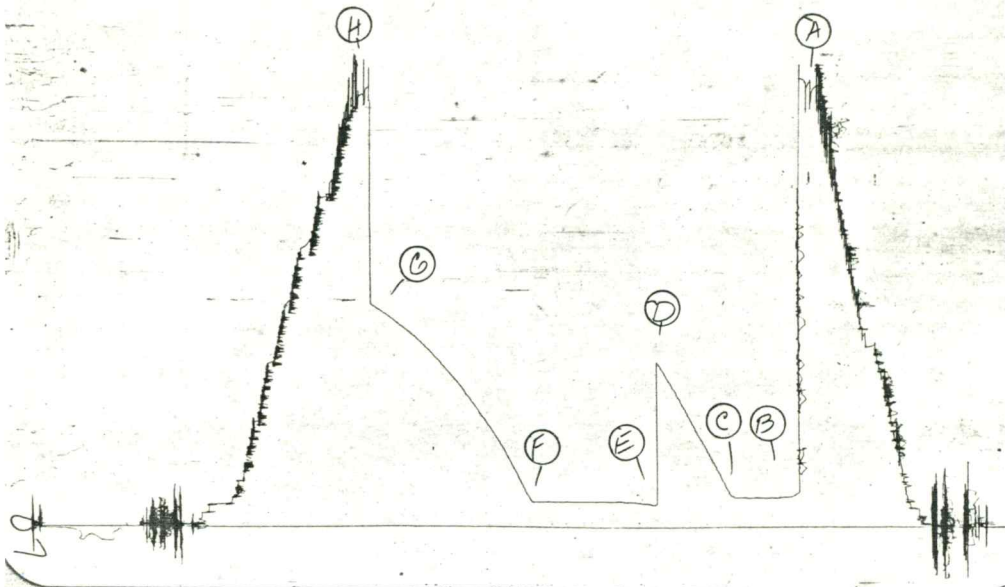
Date 6-28-80 Test Ticket No. 6160
 Recorder No. 2607 Capacity 4150 Location 4820 Ft.
 Clock No. -- Elevation 1463 Kelly Bushing Well Temperature 130 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2405 P.S.I.	Open Tool	2:20 P M	
B First Initial Flow Pressure	169 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C First Final Flow Pressure	157 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	890 P.S.I.	Second Flow Pressure	90 Mins.	90 Mins.
E Second Initial Flow Pressure	114 P.S.I.	Final Closed-in Pressure	120 Mins.	120 Mins.
F Second Final Flow Pressure	135 P.S.I.			
G Final Closed-in Pressure	1205 P.S.I.			
H Final Hydrostatic Mud	2360 P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>40</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						63	847
P 2						66	874
P 3						69	900
P 4						72	918
P 5						75	947
P 6						78	969
P 7						81	991
P 8						84	1011
P 9						87	1033
P10						90	1046
P11						93	1070
P12						96	1084
P13						99	1099
P14						102	1124
P15						105	1140
P16						108	1153
P17						111	1168
P18						114	1182
P19						117	1196
P20						120	1205

TX# 6160



Company Beren Corporation Lease & Well No. Sterling #2
Elevation 1463 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 6161
Date 6-29-80 Sec. 5 Twp. 35S Range 12W County Barber State Kansas
Test Approved by Steve Dixon Western Representative Jim Wondra

Formation Test No. #3 Interval Tested from 4831 ft. to 4860 ft. Total Depth 4860 ft.
Packer Depth 4826 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4831 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4850 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 4853 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Beredco Drlg Rig #1 Drill Collar Length 248 I. D. 2 1/4 in.
Mud Type Premix-Drispac Viscosity 48 Weight Pipe Length - I. D. - in.
Weight 9.2 Water Loss 7.2 cc. Drill Pipe Length 4562 I. D. 3.8 in.
Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 29 ft. Size 5 1/2 OD in.
Did Well Flow? Yes 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 flow periods.

Recovered 150 ft. of Muddy Oil
Recovered 190 ft. of Gassy Oil (Gravity 17)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Remarks: Tight Hole

Time Set Packer(s) 9.45 A.M. Time Started Off Bottom 4:00 P.M. Maximum Temperature 131
Initial Hydrostatic Pressure 2496 P.S.I.
Initial Flow Period 45 Minutes (B) 104 P.S.I. to (C) 108 P.S.I.
Initial Closed In Period 96 Minutes (D) 1742 P.S.I.
Final Flow Period 90 Minutes (E) 137 P.S.I. to (F) 167 P.S.I.
Final Closed In Period 150 Minutes (G) 1721 P.S.I.
Final Hydrostatic Pressure 2465 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 6-29-80 Recorder No. 2607 Capacity 4150 Test Ticket No. 6161
 Clock No. ---- Elevation 1463 Kelly Bushing Location 4850 Ft. Well Temperature 131 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2496</u> P.S.I.	<u>9:45</u> A. M.	
B First Initial Flow Pressure	<u>104</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>108</u> P.S.I.	<u>90</u> Mins.	<u>96</u> Mins.
D Initial Closed-in Pressure	<u>1742</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>137</u> P.S.I.	<u>150</u> Mins.	<u>150</u> Mins.
F Second Final Flow Pressure	<u>167</u> P.S.I.		
G Final Closed-in Pressure	<u>1721</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	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>104</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>137</u>	<u>0</u>	<u>167</u>
P 2 <u>5</u>	<u>93</u>	<u>3</u>	<u>322</u>	<u>5</u>	<u>129</u>	<u>3</u>	<u>341</u>
P 3 <u>10</u>	<u>94</u>	<u>6</u>	<u>496</u>	<u>10</u>	<u>132</u>	<u>6</u>	<u>494</u>
P 4 <u>15</u>	<u>95</u>	<u>9</u>	<u>677</u>	<u>15</u>	<u>137</u>	<u>9</u>	<u>654</u>
P 5 <u>20</u>	<u>96</u>	<u>12</u>	<u>831</u>	<u>20</u>	<u>141</u>	<u>12</u>	<u>787</u>
P 6 <u>25</u>	<u>98</u>	<u>15</u>	<u>954</u>	<u>25</u>	<u>144</u>	<u>15</u>	<u>908</u>
P 7 <u>30</u>	<u>100</u>	<u>18</u>	<u>1087</u>	<u>30</u>	<u>146</u>	<u>18</u>	<u>1017</u>
P 8 <u>35</u>	<u>103</u>	<u>21</u>	<u>1192</u>	<u>35</u>	<u>148</u>	<u>21</u>	<u>1136</u>
P 9 <u>40</u>	<u>106</u>	<u>24</u>	<u>1291</u>	<u>40</u>	<u>151</u>	<u>24</u>	<u>1212</u>
P10 <u>45</u>	<u>108</u>	<u>27</u>	<u>1357</u>	<u>45</u>	<u>153</u>	<u>27</u>	<u>1280</u>
P11		<u>30</u>	<u>1423</u>	<u>50</u>	<u>153</u>	<u>30</u>	<u>1335</u>
P12		<u>33</u>	<u>1469</u>	<u>55</u>	<u>154</u>	<u>33</u>	<u>1382</u>
P13		<u>36</u>	<u>1513</u>	<u>60</u>	<u>154</u>	<u>36</u>	<u>1420</u>
P14		<u>39</u>	<u>1546</u>	<u>65</u>	<u>155</u>	<u>39</u>	<u>1454</u>
P15		<u>42</u>	<u>1571</u>	<u>70</u>	<u>157</u>	<u>42</u>	<u>1479</u>
P16		<u>45</u>	<u>1595</u>	<u>75</u>	<u>159</u>	<u>45</u>	<u>1505</u>
P17		<u>48</u>	<u>1613</u>	<u>80</u>	<u>162</u>	<u>48</u>	<u>1525</u>
P18		<u>51</u>	<u>1630</u>	<u>85</u>	<u>164</u>	<u>51</u>	<u>1546</u>
P19		<u>54</u>	<u>1645</u>	<u>90</u>	<u>167</u>	<u>54</u>	<u>1563</u>
P20		<u>57</u>	<u>1658</u>			<u>57</u>	<u>1574</u>
		<u>60</u>	<u>1668</u>			<u>60</u>	<u>1586</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 6-29-80 Test Ticket No. 6161
 Recorder No. 2607 Capacity 4150 Location 4850 Ft.
 Clock No. ---- Elevation 1463 Kelly Bushing Well Temperature 131 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2496 P.S.I.	9:45 A. M.	
B First Initial Flow Pressure	104 P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	108 P.S.I.	90 Mins.	96 Mins.
D Initial Closed-in Pressure	1742 P.S.I.	90 Mins.	90 Mins.
E Second Initial Flow Pressure	137 P.S.I.	150 Mins.	150 Mins.
F Second Final Flow Pressure	167 P.S.I.		
G Final Closed-in Pressure	1721 P.S.I.		
H Final Hydrostatic Mud	2465 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>32</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>50</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		63	1679	123	1703	63	1599
P 2		66	1688	126	1704	66	1607
P 3		69	1696	129	1707	69	1616
P 4		72	1702	132	1710	72	1625
P 5		75	1708	135	1712	75	1632
P 6		78	1713	138	1713	78	1639
P 7		81	1720	141	1716	81	1647
P 8		84	1725	144	1718	84	1653
P 9		87	1729	148	1720	87	1657
P10		90	1734	150	1721	90	1664
P11		93	1737			93	1667
P12		96	1742			96	1673
P13						99	1676
P14						102	1681
P15						105	1685
P16						108	1689
P17						111	1692
P18						114	1695
P19						117	1697
P20						120	1701

Net # 6161

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