

Company Ram Petroleum Corporation Lease & Well No. #1 Richardson "A"
Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 11384
Date 5/24/81 Sec. 27 Twp. 34S Range 12W County Barber State Kansas
Test Approved by John W. Fleming Western Representative Darrell Claphan
Formation Test No. 1 Interval Tested from 4782 ft. to 4810 ft. Total Depth 4810 ft.
Packer Depth 4777 ft. Size 6 3/4 in. Packer Depth 4782 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) 4798 ft. Recorder Number 10980 Cap. 4200
Bottom Recorder Depth (Outside) 4802 ft. Recorder Number 6233 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Freeman Drilling Drill Collar Length 463 I. D. 2.2 in.
Mud Type Premix Monopac Viscosity 40 Weight Pipe Length - I. D. - in.
Weight 9.0 Water Loss 16.8 cc. Drill Pipe Length 4298 I. D. 3.8 in.
Chlorides 5000 P.P.M. Test Tool Length 21 ft. Tool Size 4.5 in.
Jars: Make - Serial Number - Anchor Length 28 ft. Size 5.5 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 4.5 in.

Blow: Initial flow period weak blow slowly building (1/8" to 1") Final flow period weak blow throughout (3/4")

Recovered 60 ft. of mud - a couple of oil specks on top (no more than three)
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 11:15 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 2:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 125
Initial Hydrostatic Pressure (A) 2252 P.S.I.
Initial Flow Period 30 Minutes (B) 58 P.S.I. to (C) 57 P.S.I.
Initial Closed In Period 30 Minutes (D) 153 P.S.I.
Final Flow Period 120 Minutes (E) 66 P.S.I. to (F) 75 P.S.I.
Final Closed In Period 21 Minutes (G) 98 P.S.I.
Final Hydrostatic Pressure (H) 2214 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 5/24/81 Recorder No. 10980 Capacity 4200 Test Ticket No. 11384
 Location 4798 Ft. Clock No. - Elevation - Well Temperature 125 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2252</u>	P.S.I.	<u>11:15A</u>	<u>M</u>
B First Initial Flow Pressure	<u>58</u>	P.S.I.	<u>30</u>	<u>30</u>
C First Final Flow Pressure	<u>57</u>	P.S.I.	<u>30</u>	<u>30</u>
D Initial Closed-in Pressure	<u>153</u>	P.S.I.	<u>120</u>	<u>120</u>
E Second Initial Flow Pressure	<u>66</u>	P.S.I.	<u>30</u>	<u>21</u>
F Second Final Flow Pressure	<u>75</u>	P.S.I.		
G Final Closed-in Pressure	<u>98</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2214</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>7</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>58</u>	<u>0</u>	<u>57</u>	<u>0</u>	<u>66</u>	<u>0</u>	<u>75</u>
P 2 <u>5</u>	<u>58</u>	<u>3</u>	<u>64</u>	<u>5</u>	<u>64</u>	<u>3</u>	<u>77</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>75</u>	<u>10</u>	<u>62</u>	<u>6</u>	<u>79</u>
P 4 <u>15</u>	<u>57</u>	<u>9</u>	<u>85</u>	<u>15</u>	<u>62</u>	<u>9</u>	<u>81</u>
P 5 <u>20</u>	<u>57</u>	<u>12</u>	<u>96</u>	<u>20</u>	<u>62</u>	<u>12</u>	<u>88</u>
P 6 <u>25</u>	<u>57</u>	<u>15</u>	<u>107</u>	<u>25</u>	<u>62</u>	<u>15</u>	<u>92</u>
P 7 <u>30</u>	<u>57</u>	<u>18</u>	<u>118</u>	<u>30</u>	<u>64</u>	<u>18</u>	<u>96</u>
P 8		<u>21</u>	<u>128</u>	<u>35</u>	<u>64</u>	<u>21</u>	<u>98</u>
P 9		<u>24</u>	<u>139</u>	<u>40</u>	<u>65</u>		
P10		<u>27</u>	<u>147</u>	<u>45</u>	<u>66</u>		
P11		<u>30</u>	<u>153</u>	<u>50</u>	<u>68</u>		
P12				<u>55</u>	<u>69</u>		
P13				<u>60</u>	<u>70</u>		
P14				<u>65</u>	<u>70</u>		
P15				<u>70</u>	<u>70</u>		
P16				<u>75</u>	<u>70</u>		
P17				<u>80</u>	<u>70</u>		
P18				<u>85</u>	<u>70</u>		
P19				<u>90</u>	<u>71</u>		
P20				<u>95</u>	<u>71</u>		
				<u>100</u>	<u>72</u>		

WESTERN TESTING CO., INC.

Pressure Data

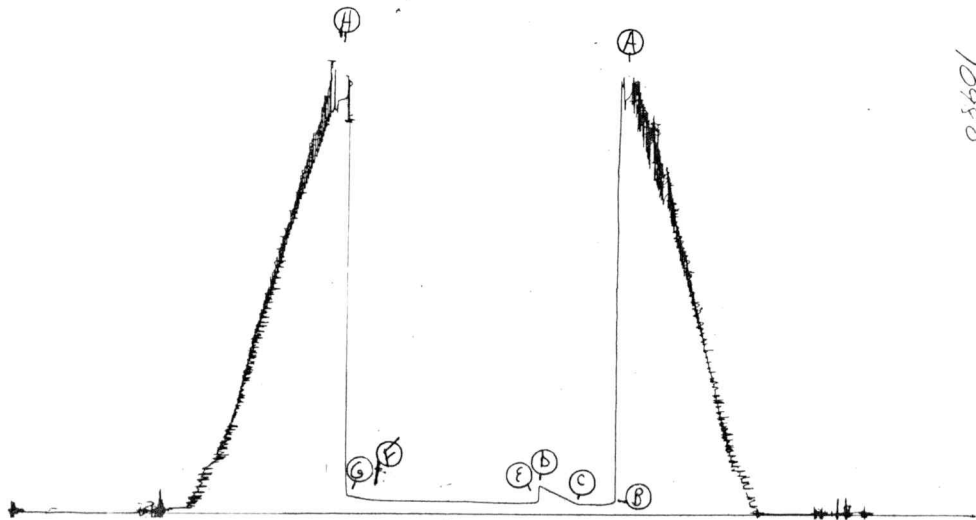
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final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
Point	Press.	Point	Press.	Point	Press.	Point	Press.
Mins.		Minutes		Minutes		Minutes	
P 1				<u>105</u>	<u>72</u>		
P 2				<u>110</u>	<u>73</u>		
P 3				<u>115</u>	<u>73</u>		
P 4				<u>120</u>	<u>75</u>		
P 5							
P 6							
P 7							
P 8							
P 9							
P10							
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT = 11384
I



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