

Company Ram Petroleum Corporation Lease & Well No. #1 Morton
Elevation - Formation Cherokee Effective Pay - Ft. Ticket No. 14876
Date 6/3/81 Sec. 34 Twp. 34S Range 12W County Barber State Kansas
Test Approved by Doug McGinniss II Western Representative Les Holtz
Formation Test No. 1 Interval Tested from 4761 ft. to 4775 ft. Total Depth 4775 ft.
Packer Depth 4756 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 4761 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4768 ft. Recorder Number 1051 Cap. 4250
Bottom Recorder Depth (Outside) 4771 ft. Recorder Number 13267 Cap. 4050
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Freeman Drilling Drill Collar Length 120 I. D. 2.26 in.
Mud Type Monpac Viscosity 37 Weight Pipe Length - I. D. - in.
Weight 8.8 Water Loss 15.2 cc. Drill Pipe Length 4619 I. D. 3.8 in.
Chlorides 5000 P.P.M. Test Tool Length 22 ft. Tool Size 5 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 3/4 in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow throughout initial flow period. Weak blow died after 30 minutes on final flow period.

Recovered 120 ft. of drilling mud - specks of oil on top of tool
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -
Recovered - ft. of -

Remarks: slid tool 12 ft. to bottom. Plugged anchor & recorders completely off.
MISRUN.

Read outside chart

Time Set Packer(s) 9:45 A.M. Time Started Off Bottom 2:15 A.M. Maximum Temperature -
P.M. P.M.
Initial Hydrostatic Pressure 2256 P.S.I.
Initial Flow Period 30 Minutes (B) 326 P.S.I. to (C) 304 P.S.I.
Initial Closed In Period 27 Minutes (D) 1079 P.S.I.
Final Flow Period 120 Minutes (E) 194 P.S.I. to (F) 256 P.S.I.
Final Closed In Period 90 Minutes (G) 859 P.S.I.
Final Hydrostatic Pressure 2175 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 6/3/81 Recorder No. 13267 Capacity 4050 Test Ticket No. 14876
 Location 4771 Ft. -
 Clock No. - Elevation - Well Temperature - °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2256 P.S.I.	9:45P	M
B First Initial Flow Pressure	326 P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	304 P.S.I.	30 Mins.	27 Mins.
D Initial Closed-in Pressure	1079 P.S.I.	120 Mins.	120 Mins.
E Second Initial Flow Pressure	194 P.S.I.	90 Mins.	90 Mins.
F Second Final Flow Pressure	256 P.S.I.	All pressures questionable due to plugging action	
G Final Closed-in Pressure	859 P.S.I.		
H Final Hydrostatic Mud	2175 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</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>326</u>	<u>0</u>	<u>304</u>	<u>0</u>	<u>194</u>	<u>0</u>	<u>256</u>
P 2 <u>5</u>	<u>573</u>	<u>3</u>	<u>598</u>	<u>5</u>	<u>194</u>	<u>3</u>	<u>256</u>
P 3 <u>10</u>	<u>673</u>	<u>6</u>	<u>715</u>	<u>10</u>	<u>194</u>	<u>6</u>	<u>261</u>
P 4 <u>15</u>	<u>610</u>	<u>9</u>	<u>803</u>	<u>15</u>	<u>194</u>	<u>9</u>	<u>269</u>
P 5 <u>20</u>	<u>841</u>	<u>12</u>	<u>876</u>	<u>20</u>	<u>194</u>	<u>12</u>	<u>285</u>
P 6 <u>25</u>	<u>953</u>	<u>15</u>	<u>931</u>	<u>25</u>	<u>194</u>	<u>15</u>	<u>304</u>
P 7 <u>30</u>	<u>304</u>	<u>18</u>	<u>984</u>	<u>30</u>	<u>194</u>	<u>18</u>	<u>324</u>
P 8		<u>21</u>	<u>1024</u>	<u>35</u>	<u>194</u>	<u>21</u>	<u>346</u>
P 9		<u>24</u>	<u>1071</u>	<u>40</u>	<u>194</u>	<u>24</u>	<u>364</u>
P10		<u>27</u>	<u>1079</u>	<u>45</u>	<u>194</u>	<u>27</u>	<u>387</u>
P11				<u>50</u>	<u>194</u>	<u>30</u>	<u>409</u>
P12				<u>55</u>	<u>194</u>	<u>33</u>	<u>431</u>
P13				<u>60</u>	<u>194</u>	<u>36</u>	<u>451</u>
P14				<u>65</u>	<u>194</u>	<u>39</u>	<u>476</u>
P15				<u>70</u>	<u>194</u>	<u>42</u>	<u>502</u>
P16				<u>75</u>	<u>194</u>	<u>45</u>	<u>530</u>
P17				<u>80</u>	<u>194</u>	<u>48</u>	<u>549</u>
P18				<u>85</u>	<u>202</u>	<u>51</u>	<u>573</u>
P19				<u>90</u>	<u>219</u>	<u>54</u>	<u>598</u>
P20				<u>95</u>	<u>231</u>	<u>57</u>	<u>624</u>
				<u>100</u>	<u>249</u>	<u>60</u>	<u>646</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 6/3/81

Test Ticket No. 14876

Recorder No. 13267

Capacity 4050

Location 4771 Ft.

Clock No. - Elevation - Well Temperature - °F

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D Initial Closed-in Pressure	1079	P.S.I.	120	Mins. 120 Mins.
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F Second Final Flow Pressure	256	P.S.I.	All pressures questionable due to plugging action	
G Final Closed-in Pressure	859	P.S.I.		
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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	258	63	671
P 2				110	256	66	697
P 3				115	256	69	722
P 4				120	256	72	746
P 5						75	768
P 6						78	789
P 7						81	809
P 8						84	829
P 9						87	850
P10						90	859
P11							
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 14876

13267

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