

Company K. R. M. Petroleum Corporation Lease & Well No. STS #1-19
Elevation 2538 Kelly Bushing Cherokee Effective Pay - Ft. Ticket No. 12850
Date 8/8/81 Sec. 9 Twp. 19S Range 25W County Ness State Kansas
Test Approved by Jim S. Bird Western Representative Les Holtz

Formation Test No. 1 Interval Tested from 4527 ft. to 4595 ft. Total Depth 4595 ft.
Packer Depth 4522 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Packer Depth 4527 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4547 ft. Recorder Number 13267 Cap. 4050
Bottom Recorder Depth (Outside) 4550 ft. Recorder Number 1051 Cap. 4250
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Abercrombei Drilling, Inc. Drill Collar Length 248 I. D. 2.26 in.
Mud Type drispac Viscosity 54 Weight Pipe Length 570 I. D. 2.76 in.
Weight 9.4 Water Loss 20.0 cc. Drill Pipe Length 3679 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 in.
Jars: Make WTC Serial Number 410 Anchor Length 68 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 in.

Blow: Weak steady.
Weak.

Recovered 240 ft. of dead oil specked mud
Recovered ft. of
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Slid tool three feet to bottom.

Time Set Packer(s) 1:45 ~~A.M.~~ P.M. Time Started Off Bottom 4:45 ~~A.M.~~ P.M. Maximum Temperature ?
Initial Hydrostatic Pressure 2205 P.S.I. (A)
Initial Flow Period 30 Minutes (B) 93 P.S.I. to (C) 93 P.S.I.
Initial Closed In Period 60 Minutes (D) 1208 P.S.I.
Final Flow Period 30 Minutes (E) 103 P.S.I. to (F) 103 P.S.I.
Final Closed In Period 66 Minutes (G) 1170 P.S.I.
Final Hydrostatic Pressure 2185 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 8/8/81 Recorder No. 13267 Capacity 4050 Test Ticket No. 12850
 Location 2538 Kelly Bushing Well Temperature - °F
 Clock No. - Elevation -

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2205	P.S.I.	1:45P	M
B First Initial Flow Pressure	93	P.S.I.	30	Mins. 30
C First Final Flow Pressure	93	P.S.I.	60	Mins. 60
D Initial Closed-in Pressure	1208	P.S.I.	30	Mins. 30
E Second Initial Flow Pressure	103	P.S.I.	60	Mins. 66
F Second Final Flow Pressure	103	P.S.I.		
G Final Closed-in Pressure	1170	P.S.I.		
H Final Hydrostatic Mud	2185	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>22</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>93</u>	<u>0</u>	<u>93</u>	<u>0</u>	<u>103</u>	<u>0</u>	<u>103</u>
P 2 <u>5</u>	<u>93</u>	<u>3</u>	<u>245</u>	<u>5</u>	<u>103</u>	<u>3</u>	<u>283</u>
P 3 <u>10</u>	<u>93</u>	<u>6</u>	<u>524</u>	<u>10</u>	<u>103</u>	<u>6</u>	<u>526</u>
P 4 <u>15</u>	<u>93</u>	<u>9</u>	<u>685</u>	<u>15</u>	<u>103</u>	<u>9</u>	<u>665</u>
P 5 <u>20</u>	<u>93</u>	<u>12</u>	<u>795</u>	<u>20</u>	<u>103</u>	<u>12</u>	<u>756</u>
P 6 <u>25</u>	<u>93</u>	<u>15</u>	<u>866</u>	<u>25</u>	<u>103</u>	<u>15</u>	<u>825</u>
P 7 <u>30</u>	<u>93</u>	<u>18</u>	<u>917</u>	<u>30</u>	<u>103</u>	<u>18</u>	<u>876</u>
P 8		<u>21</u>	<u>961</u>			<u>21</u>	<u>919</u>
P 9		<u>24</u>	<u>1000</u>			<u>24</u>	<u>951</u>
P10		<u>27</u>	<u>1033</u>			<u>27</u>	<u>982</u>
P11		<u>30</u>	<u>1061</u>			<u>30</u>	<u>1010</u>
P12		<u>33</u>	<u>1083</u>			<u>33</u>	<u>1033</u>
P13		<u>36</u>	<u>1106</u>			<u>36</u>	<u>1051</u>
P14		<u>39</u>	<u>1126</u>			<u>39</u>	<u>1069</u>
P15		<u>42</u>	<u>1142</u>			<u>42</u>	<u>1083</u>
P16		<u>45</u>	<u>1159</u>			<u>45</u>	<u>1102</u>
P17		<u>48</u>	<u>1171</u>			<u>48</u>	<u>1118</u>
P18		<u>51</u>	<u>1185</u>			<u>51</u>	<u>1130</u>
P19		<u>54</u>	<u>1195</u>			<u>54</u>	<u>1140</u>
P20		<u>57</u>	<u>1205</u>			<u>57</u>	<u>1148</u>
		<u>60</u>	<u>1208</u>			<u>60</u>	<u>1159</u>
						<u>63</u>	<u>1167</u>
						<u>66</u>	<u>1170</u>

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TKT # 12850
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