

Company K. R. M. Petroleum Corporation Lease & Well No. Foster #1-28
Elevation 1823 Ground Level Formation Swope Effective Pay --- Ft. Ticket No. 9037 903
Date 1/28/81 Sec. 28 Twp. 33S Range 20W County Comanche State Kansas
Test Approved by Jim Bird Western Representative Denis Wondra
Formation Test No. 1 Interval Tested from 4769 ft. to 4815 ft. Total Depth 4815 ft.
Packer Depth 4763 ft. Size 6 5/8 in. Packer Depth 4768 ft. Size 6 5/8 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 4805 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 4808 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Xplor Drilling Rig #1 Drill Collar Length 560 I. D. 2.7 in.
Mud Type drispac Viscosity 42 Weight Pipe Length - I. D. - in.
Weight 9.4 Water Loss 11.5 cc. Drill Pipe Length 4180 I. D. 3.8 in.
Chlorides 18,000 P.P.M. Test Tool Length 29 ft. Tool Size 5 1/2 OD in.
Jars: Make WTC Serial Number 403 Anchor Length 46 ft. Size 5 1/2 OD in.
Did Well Flow? - 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.

Good, increased to very good in twenty minutes on initial flow period. VERY good throughout
Blow: final flow period.

Recovered 1600 ft. of gas in pipe
Recovered 60 ft. of gas cut mud spots of oil
Recovered t0 ft. of oil and gas cut mud
Recovered - ft. of -
Recovered - ft. of -

Remarks: _____

Time Set Packer(s) 5:18 ~~AM~~ P.M. Time Started Off Bottom 9:50 ~~AM~~ P.M. Maximum Temperature 118°
Initial Hydrostatic Pressure (A) 2479 P.S.I.
Initial Flow Period Minutes 30 (B) 65 P.S.I. to (C) 68 P.S.I.
Initial Closed In Period Minutes 57 (D) 998 P.S.I.
Final Flow Period Minutes 60 (E) 85 P.S.I. to (F) 89 P.S.I.
Final Closed In Period Minutes 117 (G) 1788 P.S.I.
Final Hydrostatic Pressure (H) 2407 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1/28/81 Test Ticket No. 9037
 Recorder No. 3474 Capacity 3000 Location 4805 Ft.
 Clock No. -- Elevation 1823 Ground Level Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2479	P.S.I.	5:18P	M
B First Initial Flow Pressure	65	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	68	P.S.I.	60	Mins. 57 Mins.
D Initial Closed-in Pressure	998	P.S.I.	60	Mins. 60 Mins.
E Second Initial Flow Pressure	85	P.S.I.	120	Mins. 117 Mins.
F Second Final Flow Pressure	89	P.S.I.		
G Final Closed-in Pressure	1788	P.S.I.		
H Final Hydrostatic Mud	2407	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>19</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>39</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>65</u>	<u>0</u>	<u>68</u>	<u>0</u>	<u>85</u>	<u>0</u>	<u>89</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>76</u>	<u>5</u>	<u>85</u>	<u>3</u>	<u>117</u>
P 3 <u>10</u>	<u>65</u>	<u>6</u>	<u>89</u>	<u>10</u>	<u>85</u>	<u>6</u>	<u>165</u>
P 4 <u>15</u>	<u>65</u>	<u>9</u>	<u>132</u>	<u>15</u>	<u>85</u>	<u>9</u>	<u>223</u>
P 5 <u>20</u>	<u>66</u>	<u>12</u>	<u>167</u>	<u>20</u>	<u>85</u>	<u>12</u>	<u>268</u>
P 6 <u>25</u>	<u>67</u>	<u>15</u>	<u>208</u>	<u>25</u>	<u>85</u>	<u>15</u>	<u>320</u>
P 7 <u>30</u>	<u>68</u>	<u>18</u>	<u>238</u>	<u>30</u>	<u>85</u>	<u>18</u>	<u>374</u>
P 8		<u>21</u>	<u>268</u>	<u>35</u>	<u>86</u>	<u>21</u>	<u>429</u>
P 9		<u>24</u>	<u>298</u>	<u>40</u>	<u>86</u>	<u>24</u>	<u>486</u>
P10		<u>27</u>	<u>330</u>	<u>45</u>	<u>88</u>	<u>27</u>	<u>540</u>
P11		<u>30</u>	<u>380</u>	<u>50</u>	<u>88</u>	<u>30</u>	<u>598</u>
P12		<u>33</u>	<u>429</u>	<u>55</u>	<u>88</u>	<u>33</u>	<u>660</u>
P13		<u>36</u>	<u>486</u>	<u>60</u>	<u>89</u>	<u>36</u>	<u>723</u>
P14		<u>39</u>	<u>546</u>			<u>39</u>	<u>794</u>
P15		<u>42</u>	<u>594</u>			<u>42</u>	<u>874</u>
P16		<u>45</u>	<u>665</u>			<u>45</u>	<u>950</u>
P17		<u>48</u>	<u>741</u>			<u>48</u>	<u>1039</u>
P18		<u>51</u>	<u>817</u>			<u>51</u>	<u>1120</u>
P19		<u>54</u>	<u>898</u>			<u>54</u>	<u>1197</u>
P20		<u>57</u>	<u>998</u>			<u>57</u>	<u>1273</u>
						<u>60</u>	<u>1348</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 1/28/81Test Ticket No. 9037Recorder No. 3474Capacity 3000Location 4805 Ft.Clock No. -- Elevation 1823 Ground LevelWell Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2479</u> P.S.I.	Open Tool	<u>5:18P</u> M	
B First Initial Flow Pressure	<u>65</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>60</u> Mins.	<u>57</u> Mins.
D Initial Closed-in Pressure	<u>998</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>85</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>117</u> Mins.
F Second Final Flow Pressure	<u>89</u> P.S.I.			
G Final Closed-in Pressure	<u>1788</u> P.S.I.			
H Final Hydrostatic Mud	<u>2407</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>19</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>39</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>1420</u>
P 2						<u>66</u>	<u>1479</u>
P 3						<u>69</u>	<u>1526</u>
P 4						<u>72</u>	<u>1576</u>
P 5						<u>75</u>	<u>1613</u>
P 6						<u>78</u>	<u>1648</u>
P 7						<u>81</u>	<u>1674</u>
P 8						<u>84</u>	<u>1694</u>
P 9						<u>87</u>	<u>1712</u>
P10						<u>90</u>	<u>1728</u>
P11						<u>93</u>	<u>1741</u>
P12						<u>96</u>	<u>1752</u>
P13						<u>99</u>	<u>1759</u>
P14						<u>102</u>	<u>1765</u>
P15						<u>105</u>	<u>1773</u>
P16						<u>108</u>	<u>1777</u>
P17						<u>111</u>	<u>1782</u>
P18						<u>114</u>	<u>1785</u>
P19						<u>117</u>	<u>1788</u>
P20							

