

Company Petro Kansas Oil & Gas Lease & Well No. Curless #1  
 Elevation 1290 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13302  
 Date 4/23/82 Sec. 2 Twp. 29S Range 1E County Sedgwick State Kansas  
 Test Approved by Lee H. Cornell Western Representative Kenny Kirkendall

Formation Test No. 1 Interval Tested from 3234 ft. to 3260 ft. Total Depth 3260 ft.  
 Packer Depth 3234 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3229 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3239 ft. Recorder Number 2605 Cap. 4150  
 Bottom Recorder Depth (Outside) 3244 ft. Recorder Number 1049 Cap. 4250  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Reynolds Drlg. Rig #4 Drill Collar Length 300 I. D. 2 1/4 in.  
 Mud Type dri spac Viscosity 42 Weight Pipe Length -- I. D. - in.  
 Weight 10.1 Water Loss 17.4 cc. Drill Pipe Length -- I. D. - in.  
 Chlorides 2,100 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
 Jars: Make No Serial Number - Anchor Length 26 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: Fair blow throughout test. Three to four inch blow.

Recovered 180 ft. of gas in pipe  
 Recovered 60 ft. of gas cut mud  
 Recovered 60 ft. of watery gas cut mud Oil spots on top of tool  
 Recovered          ft. of           
 Recovered          ft. of         

Remarks:         

Time Set Packer(s) 6:00 ~~P.M.~~ A.M. Time Started Off Bottom - ~~P.M.~~ A.M. Maximum Temperature 108°  
 Initial Hydrostatic Pressure 1682 P.S.I. (A)  
 Initial Flow Period 30 Minutes (B) 63 P.S.I. to (C) 97 P.S.I.  
 Initial Closed In Period 30 Minutes (D) 1286 P.S.I.  
 Final Flow Period 30 Minutes (E) 74 P.S.I. to (F) 74 P.S.I.  
 Final Closed In Period 45 Minutes (G) 1525 P.S.I.  
 Final Hydrostatic Pressure 1682 P.S.I. (H)

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 4/23/82 Recorder No. 2605 Capacity 4150 Test Ticket No. 13302  
 Location 3239 Ft. Elevation 1290 Kelly Bushing Well Temperature 108 °F

Point	Pressure			Time Given	Time Computed
				6:00A	M
A Initial Hydrostatic Mud	1682	P.S.I.	Open Tool		
B First Initial Flow Pressure	63	P.S.I.	First Flow Pressure	30	30
C First Final Flow Pressure	97	P.S.I.	Initial Closed-in Pressure	30	30
D Initial Closed-in Pressure	1286	P.S.I.	Second Flow Pressure	30	30
E Second Initial Flow Pressure	74	P.S.I.	Final Closed-in Pressure	60	45
F Second Final Flow Pressure	74	P.S.I.			
G Final Closed-in Pressure	1525	P.S.I.			
H Final Hydrostatic Mud	1682	P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	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>63</u>	<u>0</u>	<u>97</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>74</u>	
P 2 <u>5</u>	<u>63</u>	<u>3</u>	<u>96</u>	<u>5</u>	<u>74</u>	<u>3</u>	<u>74</u>	
P 3 <u>10</u>	<u>63</u>	<u>6</u>	<u>99</u>	<u>10</u>	<u>74</u>	<u>6</u>	<u>82</u>	
P 4 <u>15</u>	<u>66</u>	<u>9</u>	<u>127</u>	<u>15</u>	<u>74</u>	<u>9</u>	<u>110</u>	
P 5 <u>20</u>	<u>87</u>	<u>12</u>	<u>235</u>	<u>20</u>	<u>74</u>	<u>12</u>	<u>184</u>	
P 6 <u>25</u>	<u>123</u>	<u>15</u>	<u>426</u>	<u>25</u>	<u>74</u>	<u>15</u>	<u>349</u>	
P 7 <u>30</u>	<u>97</u>	<u>18</u>	<u>672</u>	<u>30</u>	<u>74</u>	<u>18</u>	<u>535</u>	
P 8		<u>21</u>	<u>915</u>			<u>21</u>	<u>746</u>	
P 9		<u>24</u>	<u>1122</u>			<u>24</u>	<u>944</u>	
P10		<u>27</u>	<u>1261</u>			<u>27</u>	<u>1101</u>	
P11		<u>30</u>	<u>1286</u>			<u>30</u>	<u>1238</u>	
P12						<u>33</u>	<u>1329</u>	
P13						<u>36</u>	<u>1398</u>	
P14						<u>39</u>	<u>1452</u>	
P15						<u>42</u>	<u>1494</u>	
P16						<u>45</u>	<u>1525</u>	
P17								
P18								
P19								
P20								

JK #13302

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