

Company Midwest Supply Company Lease & Well No. Smock #1
 Elevation 1284 Ground Level Mississippi Effective Pay -- Ft. Ticket No. 2196
 Date 6/30/79 Sec. 2 Twp. 27S Range 5E County Butler State Kansas
 Test Approved by Thomas E. Wilkinson Western Representative James Rogers
 Formation Test No. 1 Interval Tested from 2700 ft. to 2710 ft. Total Depth 2710 ft.
 Packer Depth 2710 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 2715 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 2706 ft. Recorder Number 3085 Cap. 4500
 Bottom Recorder Depth (Outside) 2709 ft. Recorder Number 1561 Cap. 3200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor White & Ellis Drilling Company Drill Collar Length 341 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 52 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 13.6 cc. Drill Pipe Length 2339 I. D. 3.8 in.
 Chlorides 1,600 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 10 ft. Size 5 1/2 OD in.
 Did Well Flow? NO Reversed Out -- Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 5 1/2 FH in.

Blow: Weak increasing to fair throughout test.

Recovered 60 ft. of free oil
 Recovered 50 ft. of slightly oil cut mud
 Recovered 120 ft. of muddy water
 Recovered 60 ft. of gas in pipe
 Recovered - ft. of -

Remarks: 38° gravity

Time Set Packer(s) 1:00 ~~A.M.~~ P.M. Time Started Off Bottom 4:00 ~~A.M.~~ P.M. Maximum Temperature 106
 Initial Hydrostatic Pressure (A) 1307 P.S.I.
 Initial Flow Period Minutes 30 (B) 31 P.S.I. to (C) 29 P.S.I.
 Initial Closed In Period Minutes 30 (D) 665 P.S.I.
 Final Flow Period Minutes 90 (E) 72 P.S.I. to (F) 93 P.S.I.
 Final Closed In Period Minutes 30 (G) 593 P.S.I.
 Final Hydrostatic Pressure (H) 1305 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/30/79 Test Ticket No. 2196
 Recorder No. 3085 Capacity 4500 Location 2706 Ft.
 Clock No. -- Elevation 1284 Ground Level Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1307	P.S.I.	1:00P	M
B First Initial Flow Pressure	31	P.S.I.	30	Mins.
C First Final Flow Pressure	29	P.S.I.	30	Mins.
D Initial Closed-in Pressure	665	P.S.I.	90	Mins.
E Second Initial Flow Pressure	72	P.S.I.	30	Mins.
F Second Final Flow Pressure	93	P.S.I.		
G Final Closed-in Pressure	593	P.S.I.		
H Final Hydrostatic Mud	1305	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>18</u> Inc.		Breakdown: <u>10</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>31</u>	<u>0</u>	<u>29</u>	<u>0</u>	<u>72</u>	<u>0</u>	<u>93</u>
P 2 <u>5</u>	<u>17</u>	<u>3</u>	<u>249</u>	<u>5</u>	<u>50</u>	<u>3</u>	<u>127</u>
P 3 <u>10</u>	<u>17</u>	<u>6</u>	<u>478</u>	<u>10</u>	<u>49</u>	<u>6</u>	<u>225</u>
P 4 <u>15</u>	<u>19</u>	<u>9</u>	<u>556</u>	<u>15</u>	<u>50</u>	<u>9</u>	<u>337</u>
P 5 <u>20</u>	<u>22</u>	<u>12</u>	<u>593</u>	<u>20</u>	<u>52</u>	<u>12</u>	<u>433</u>
P 6 <u>25</u>	<u>26</u>	<u>15</u>	<u>614</u>	<u>25</u>	<u>55</u>	<u>15</u>	<u>493</u>
P 7 <u>30</u>	<u>29</u>	<u>18</u>	<u>530</u>	<u>30</u>	<u>57</u>	<u>18</u>	<u>526</u>
P 8		<u>21</u>	<u>692</u>	<u>35</u>	<u>61</u>	<u>21</u>	<u>549</u>
P 9		<u>24</u>	<u>653</u>	<u>40</u>	<u>65</u>	<u>24</u>	<u>567</u>
P10		<u>27</u>	<u>660</u>	<u>45</u>	<u>67</u>	<u>27</u>	<u>581</u>
P11		<u>30</u>	<u>665</u>	<u>50</u>	<u>69</u>	<u>30</u>	<u>593</u>
P12				<u>55</u>	<u>73</u>		
P13				<u>60</u>	<u>75</u>		
P14				<u>65</u>	<u>79</u>		
P15				<u>70</u>	<u>81</u>		
P16				<u>75</u>	<u>85</u>		
P17				<u>80</u>	<u>88</u>		
P18				<u>85</u>	<u>91</u>		
P19				<u>90</u>	<u>93</u>		
P20							

TKI#2196
I

