

Company M. R. Osborn Lease & Well No. Jones #1
 Elevation 1253 Kelly Bushing Mississippi Effective Pay -- Ft. Ticket No. 1914
 Date 7/31/79 Sec. 30 Twp. 29S Range 5E County Butler State Kansas
 Test Approved by Gerald Zorger Western Representative Norman Allen
 Formation Test No. 1 Interval Tested from 2876' ft. to 2886' ft. Total Depth 2886' ft.
 Packer Depth 2876 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set --
 Top Recorder Depth (Inside) 2879 ft. Recorder Number 1564 Cap. 3150
 Bottom Recorder Depth (Outside) 2882 ft. Recorder Number 10980 Cap. 4200
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Berentz Drilling Co. Drill Collar Length 180 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 60 Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 10.1 cc. Drill Pipe Length 2681 I. D. 3.8 in.
 Chlorides 1,500 P.P.M. Test Tool Length 25 ft. Tool Size 4 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 10 ft. Size 4 1/2 OD 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 3 1/2 IF in.

Blow: Weak sixty-five minutes.

Recovered 150 ft. of salt water (50,000 chlorides ppm

Recovered - ft. of (.2 Resistivity @ 78°F)

Recovered - ft. of -

Recovered - ft. of -

Recovered - ft. of -

Remarks: -

Time Set Packer(s) 8:30 A.M. Time Started Off Bottom 11:15 A.M. Maximum Temperature 111
 Initial Hydrostatic Pressure (A) 1467 P.S.I.
 Initial Flow Period Minutes 45 (B) 17 P.S.I. to (C) 64 P.S.I.
 Initial Closed In Period Minutes 60 (D) 1117 P.S.I.
 Final Flow Period Minutes 30 (E) 84 P.S.I. to (F) 109 P.S.I.
 Final Closed In Period Minutes 30 (G) 1077 P.S.I.
 Final Hydrostatic Pressure (H) 1462 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 7/31/79 Recorder No. 1564 Capacity 3150 Test Ticket No. 1914
 Clock No. -- Elevation 1253 Kelly Bushing Location 2879 Ft.
 Well Temperature 111 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1467	P.S.I.	8:30A	M
B First Initial Flow Pressure	17	P.S.I.	45	Mins. 45 Mins.
C First Final Flow Pressure	64	P.S.I.	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1117	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	84	P.S.I.	30	Mins. 30 Mins.
F Second Final Flow Pressure	109	P.S.I.		
G Final Closed-in Pressure	1077	P.S.I.		
H Final Hydrostatic Mud	1462	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>6</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>17</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>84</u>	<u>0</u>	<u>109</u>
P 2 <u>5</u>	<u>20</u>	<u>3</u>	<u>268</u>	<u>5</u>	<u>85</u>	<u>3</u>	<u>369</u>
P 3 <u>10</u>	<u>25</u>	<u>6</u>	<u>779</u>	<u>10</u>	<u>88</u>	<u>6</u>	<u>896</u>
P 4 <u>15</u>	<u>31</u>	<u>9</u>	<u>940</u>	<u>15</u>	<u>95</u>	<u>9</u>	<u>972</u>
P 5 <u>20</u>	<u>38</u>	<u>12</u>	<u>986</u>	<u>20</u>	<u>99</u>	<u>12</u>	<u>1005</u>
P 6 <u>25</u>	<u>43</u>	<u>15</u>	<u>1016</u>	<u>25</u>	<u>104</u>	<u>15</u>	<u>1019</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>1035</u>	<u>30</u>	<u>109</u>	<u>18</u>	<u>1031</u>
P 8 <u>35</u>	<u>55</u>	<u>21</u>	<u>1049</u>			<u>21</u>	<u>1043</u>
P 9 <u>40</u>	<u>61</u>	<u>24</u>	<u>1062</u>			<u>24</u>	<u>1054</u>
P10 <u>45</u>	<u>64</u>	<u>27</u>	<u>1071</u>			<u>27</u>	<u>1065</u>
P11		<u>30</u>	<u>1077</u>			<u>30</u>	<u>1077</u>
P12		<u>33</u>	<u>1082</u>				
P13		<u>36</u>	<u>1088</u>				
P14		<u>39</u>	<u>1091</u>				
P15		<u>42</u>	<u>1087</u>				
P16		<u>45</u>	<u>1101</u>				
P17		<u>48</u>	<u>1104</u>				
P18		<u>51</u>	<u>1107</u>				
P19		<u>54</u>	<u>1110</u>				
P20		<u>57</u>	<u>1113</u>				
		<u>60</u>	<u>1117</u>				

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