

Company John Masek Oil Company Lease & Well No. Garner #32-31
 Elevation 1173 Kelly Bushing Formation Arbuckle Effective Pay - Ft. Ticket No. 12803
 Date 12/14/81 Sec. 31 Twp. 27S Range 10E County Greenwood State Kansas
 Test Approved by Peter J Debenham Western Representative Norman Allen
 Formation Test No. 1 Interval Tested from 2562 ft. to 2569 ft. Total Depth 2569 ft.
 Packer Depth 2562 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) AP 2554 ft. Recorder Number 1559 Cap. 4200
 Bottom Recorder Depth (Outside) 2565 ft. Recorder Number 13268 Cap. 4225
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Cascade Oil Rig #101 Drill Collar Length 317 I. D. 2 1/4 in.
 Mud Type Chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.5 Water Loss 12.0 cc. Drill Pipe Length 2220 I. D. 2.7 in.
 Chlorides 3500 P.P.M. Test Tool Length 25 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 411 Anchor Length 7 ft. Size 5 1/2 OD in.
 Did Well Flow? No Reversed Out Yes 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: Strong diminishing to very weak at end of test.

Recovered 1980 ft. of sulphur cut salt water Chlorides 28,000 PPM

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:20 ~~P.M.~~ A.M. Time Started Off Bottom 7:30 ~~P.M.~~ A.M. Maximum Temperature 108
 Initial Hydrostatic Pressure (A) 1199 P.S.I.
 Initial Flow Period 10 Minutes (B) 90 P.S.I. to (C) 261 P.S.I.
 Initial Closed In Period 30 Minutes (D) 918 P.S.I.
 Final Flow Period 60 Minutes (E) 375 P.S.I. to (F) 902 P.S.I.
 Final Closed In Period 93 Minutes (G) 922 P.S.I.
 Final Hydrostatic Pressure (H) 1190 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/14/81 Test Ticket No. 12803
 Recorder No. 1559 Capacity 4200 Location 2554 Ft.
 Clock No. - Elevation 1173 Kelly Bushing Well Temperature 108 °F

Point	Pressure		Time Given 4:20A	Time Computed
A Initial Hydrostatic Mud	<u>1199</u> P.S.I.	Open Tool	<u>10</u> Mins.	<u>10</u> Mins.
B First Initial Flow Pressure	<u>90</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>261</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>918</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>93</u> Mins.
E Second Initial Flow Pressure	<u>375</u> P.S.I.	Final Closed-in Pressure		
F Second Final Flow Pressure	<u>902</u> P.S.I.			
G Final Closed-in Pressure	<u>922</u> P.S.I.			
H Final Hydrostatic Mud	<u>1190</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>31</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>90</u>	<u>0</u>	<u>261</u>	<u>0</u>	<u>375</u>	<u>0</u>	<u>902</u>
P 2 <u>5</u>	<u>146</u>	<u>3</u>	<u>862</u>	<u>5</u>	<u>395</u>	<u>3</u>	<u>912</u>
P 3 <u>10</u>	<u>261</u>	<u>6</u>	<u>887</u>	<u>10</u>	<u>469</u>	<u>6</u>	<u>916</u>
P 4		<u>9</u>	<u>904</u>	<u>15</u>	<u>535</u>	<u>9</u>	<u>918</u>
P 5		<u>12</u>	<u>911</u>	<u>20</u>	<u>604</u>	<u>12</u>	<u>920</u>
P 6		<u>15</u>	<u>914</u>	<u>25</u>	<u>673</u>	<u>15</u>	<u>920</u>
P 7		<u>18</u>	<u>915</u>	<u>30</u>	<u>731</u>	<u>18</u>	<u>920</u>
P 8		<u>21</u>	<u>916</u>	<u>35</u>	<u>783</u>	<u>21</u>	<u>920</u>
P 9		<u>24</u>	<u>917</u>	<u>40</u>	<u>818</u>	<u>24</u>	<u>920</u>
P10		<u>27</u>	<u>918</u>	<u>45</u>	<u>847</u>	<u>27</u>	<u>920</u>
P11		<u>30</u>	<u>918</u>	<u>50</u>	<u>873</u>	<u>30</u>	<u>920</u>
P12				<u>55</u>	<u>891</u>	<u>33</u>	<u>921</u>
P13				<u>60</u>	<u>902</u>	<u>36</u>	<u>921</u>
P14						<u>39</u>	<u>921</u>
P15						<u>42</u>	<u>921</u>
P16						<u>45</u>	<u>922</u>
P17						<u>48</u>	<u>922</u>
P18						<u>51</u>	<u>922</u>
P19						<u>54</u>	<u>922</u>
P20						<u>57</u>	<u>922</u>
						<u>60</u>	<u>922</u>

WESTERN TESTING CO., INC.

Pressure Data

Date 12/14/81 Recorder No. 1559 Capacity 4200 Test Ticket No. 12803
 Clock No. - Elevation 1173 Kelly Bushing Location 2554 Ft. 108
 Well Temperature 108 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1199</u> P.S.I.	Open Tool	<u>4:20A</u> M	
B First Initial Flow Pressure	<u>90</u> P.S.I.	First Flow Pressure	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>261</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>918</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>375</u> P.S.I.	Final Closed-in Pressure	<u>90</u> Mins.	<u>93</u> Mins.
F Second Final Flow Pressure	<u>902</u> P.S.I.			
G Final Closed-in Pressure	<u>922</u> P.S.I.			
H Final Hydrostatic Mud	<u>1190</u> P.S.I.			

PRESSURE BREAKDOWN

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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>922</u>
P 2						<u>66</u>	<u>922</u>
P 3						<u>69</u>	<u>922</u>
P 4						<u>72</u>	<u>922</u>
P 5						<u>75</u>	<u>922</u>
P 6						<u>78</u>	<u>922</u>
P 7						<u>81</u>	<u>922</u>
P 8						<u>84</u>	<u>922</u>
P 9						<u>87</u>	<u>922</u>
P10						<u>90</u>	<u>922</u>
P11						<u>93</u>	<u>922</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TK # 12803

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