

Company Masek Oil Company Lease & Well No. Sea-Cattle #6-18
 Elevation 1240 Ground Level Formation Cattleman Sand Effective Pay - Ft. Ticket No. 13362
 Date 3/20/82 Sec. 18 Twp. 35S Range 8E County Cowley State Kansas
 Test Approved by Michael G. McMahon Western Representative Vernon Wondra

Formation Test No. 1 Interval Tested from 2654 ft. to 2697 ft. Total Depth 2697 ft.
 Packer Depth 2649 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 2654 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2687 ft. Recorder Number 10266 Cap. 4775
 Bottom Recorder Depth (Outside) 2690 ft. * Recorder Number 6074 Cap. 5100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Masek Drlg. Co. Rig #3 Drill Collar Length 423 I. D. 2 1/4 in.
 Mud Type chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.6 Water Loss 8 cc. Drill Pipe Length 2201 I. D. 3.8 in.
 Chlorides 1,100 P.P.M. Test Tool Length 30 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 3922 Anchor Length 43 ft. Size 5 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 4 1/2 FH in.

Blow: Weak two inch blow on initial flow period. Weak - increased to strong on final flow period.

Recovered 20 ft. of mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

* Read bottom chart.

Time Set Packer(s)	<u>4:35</u>	P.M.	A.M.	Time Started Off Bottom	<u>9:00</u>	P.M.	A.M.	Maximum Temperature	<u>113°</u>
Initial Hydrostatic Pressure			(A)	<u>1316</u>			P.S.I.		
Initial Flow Period	Minutes	<u>30</u>	(B)	<u>69</u>	P.S.I. to (C)	<u>69</u>	P.S.I.		
Initial Closed In Period	Minutes	<u>60</u>	(D)	<u>416</u>			P.S.I.		
Final Flow Period	Minutes	<u>60</u>	(E)	<u>68</u>	P.S.I. to (F)	<u>68</u>	P.S.I.		
Final Closed In Period	Minutes	<u>114</u>	(G)	<u>1079</u>			P.S.I.		
Final Hydrostatic Pressure			(H)	<u>CLOCK STOPPED</u>			P.S.I.		

WESTERN TESTING CO., INC.
Pressure Data

Date 3/20/8 2 Test Ticket No. 13362
 Recorder No. 6074 Capacity 5100 Location 2690 Ft.
 Clock No. --- Elevation 1240 Ground Level Well Temperature 113 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1316</u> P.S.I.	Open Tool	<u>4:35A</u>	<u>M</u>
B First Initial Flow Pressure	<u>69</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>69</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>416</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>68</u> P.S.I.	Final Closed-in Pressure	<u>120</u> Mins.	<u>114</u> Mins.
F Second Final Flow Pressure	<u>68</u> P.S.I.			
G Final Closed-in Pressure	<u>1079</u> P.S.I.			
H Final Hydrostatic Mud	<u>CLOCK STOPPED</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>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>38</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> 69	<u>0</u> 69	<u>0</u> 69	<u>0</u> 68	<u>0</u> 68	<u>0</u> 68	<u>0</u> 68
P 2	<u>5</u> 69	<u>3</u> 69	<u>3</u> 69	<u>5</u> 68	<u>5</u> 68	<u>3</u> 124	<u>3</u> 124
P 3	<u>10</u> 69	<u>6</u> 73	<u>6</u> 73	<u>10</u> 68	<u>10</u> 68	<u>6</u> 215	<u>6</u> 215
P 4	<u>15</u> 69	<u>9</u> 78	<u>9</u> 78	<u>15</u> 68	<u>15</u> 68	<u>9</u> 297	<u>9</u> 297
P 5	<u>20</u> 69	<u>12</u> 84	<u>12</u> 84	<u>20</u> 68	<u>20</u> 68	<u>12</u> 379	<u>12</u> 379
P 6	<u>25</u> 69	<u>15</u> 92	<u>15</u> 92	<u>25</u> 68	<u>25</u> 68	<u>15</u> 453	<u>15</u> 453
P 7	<u>30</u> 69	<u>18</u> 102	<u>18</u> 102	<u>30</u> 68	<u>30</u> 68	<u>18</u> 527	<u>18</u> 527
P 8		<u>21</u> 113	<u>21</u> 113	<u>35</u> 68	<u>35</u> 68	<u>21</u> 598	<u>21</u> 598
P 9		<u>24</u> 125	<u>24</u> 125	<u>40</u> 68	<u>40</u> 68	<u>24</u> 660	<u>24</u> 660
P10		<u>27</u> 138	<u>27</u> 138	<u>45</u> 68	<u>45</u> 68	<u>27</u> 719	<u>27</u> 719
P11		<u>30</u> 153	<u>30</u> 153	<u>50</u> 68	<u>50</u> 68	<u>30</u> 772	<u>30</u> 772
P12		<u>33</u> 169	<u>33</u> 169	<u>55</u> 68	<u>55</u> 68	<u>33</u> 818	<u>33</u> 818
P13		<u>36</u> 187	<u>36</u> 187	<u>60</u> 68	<u>60</u> 68	<u>36</u> 859	<u>36</u> 859
P14		<u>39</u> 207	<u>39</u> 207			<u>39</u> 892	<u>39</u> 892
P15		<u>42</u> 228	<u>42</u> 228			<u>42</u> 921	<u>42</u> 921
P16		<u>45</u> 250	<u>45</u> 250			<u>45</u> 943	<u>45</u> 943
P17		<u>48</u> 274	<u>48</u> 274			<u>48</u> 962	<u>48</u> 962
P18		<u>51</u> 304	<u>51</u> 304			<u>51</u> 977	<u>51</u> 977
P19		<u>54</u> 335	<u>54</u> 335			<u>54</u> 992	<u>54</u> 992
P20		<u>57</u> 376	<u>57</u> 376			<u>57</u> 1005	<u>57</u> 1005
		<u>60</u> 416	<u>60</u> 416			<u>60</u> 1015	<u>60</u> 1015

WESTERN TESTING CO., INC.
Pressure Data

Date 3/20/8 2 Test Ticket No. 13362
 Recorder No. 6074 Capacity 5100 Location 2690 Ft.
 Clock No. --- Elevation 1240 Ground Level Well Temperature 113 °F

Point	Pressure			Time Given	Time Computed
A. Initial Hydrostatic Mud	<u>1316</u>	P.S.I.	Open Tool	<u>4:35A</u>	<u>M</u>
B. First Initial Flow Pressure	<u>69</u>	P.S.I.	First Flow Pressure	<u>30</u>	<u>30</u>
C. First Final Flow Pressure	<u>69</u>	P.S.I.	Initial Closed-in Pressure	<u>60</u>	<u>60</u>
D. Initial Closed-in Pressure	<u>416</u>	P.S.I.	Second Flow Pressure	<u>60</u>	<u>60</u>
E. Second Initial Flow Pressure	<u>68</u>	P.S.I.	Final Closed-in Pressure	<u>120</u>	<u>114</u>
F. Second Final Flow Pressure	<u>68</u>	P.S.I.			
G. Final Closed-in Pressure	<u>1079</u>	P.S.I.			
H. Final Hydrostatic Mud	<u>CLOCK STOPPED</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>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>38</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						63	1023
P 2						66	1031
P 3						69	1036
P 4						72	1043
P 5						75	1048
P 6						78	1053
P 7						81	1056
P 8						84	1059
P 9						87	1064
P10						90	1066
P11						93	1068
P12						96	1070
P13						99	1072
P14						102	1074
P15						105	1076
P16						108	1077
P17						111	1078
P18						114	1079
P19							
P20							

JK # 13362

0

