



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Keener Oil Company Lease & Well No. Osner #1
Elevation 1625 Kelly Bush Formation Mississippi Effective Pay - Ft. Ticket No. 25712
Date 9-30-77 Sec. 32 Twp. 28S Range 8W County Kingman State Kansas
Test Approved by Eldon J. Schierling Western Representative Max Knipe
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4120' to 4127' Total Depth 4127'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4115 Ft. Size 6 3/4 Bottom Packer Depth 4120 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 7 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4105 A.P. Ft. Clock No. 8377 Depth 4122 Ft. Clock No. 6799
Top Make Kuster Cap. 4000 No. 3351 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 11:12P. M
Tool Open I.F.P. From 11:15P M. to 11:45P M. - Hr. 30 Min. From (B) 8 P.S.I. To (C) 33 P.S.I.
Tool Closed I.C.I.P. From 11:45P M. to 12:30A M. - Hr. 45 Min (D) 1512 P.S.I.
Tool Open F.F.P. From 12:30A M. to 12:45A M. - Hr. 15 Min. From (E) 33 P.S.I. To (F) 42 P.S.I.
Tool Closed F.C.I.P. From 12:45A M. to 1:30A M. - Hr. 45 Min. (G) 1502 P.S.I.
Initial Hydrostatic Pressure (A) 1968 P.S.I. Final Hydrostatic Pressure (H) 1968 P.S.I. Maximum Temp. 132

INFORMATION

BLOW Weak blow for 10 minutes, flushed tool, weak blow died in 10 minutes.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 50' of heavy drilling mud.

Reversed Out ☐ Yes ☒ No Mud Type Drispa Viscosity 48 Weight 9.2 Water Loss 9.6 cc. Chlorides 10,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4 3/4 In. Make WTC Ser. No. 403

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR H-30 Drlg. (Rig #11) Length Drill Pipe? 3091 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 FH In.

Length Weight Pipe 712 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 282 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 42 Ft.

Remarks:

WESTERN TESTING CO., INC.

Pressure Data

Date 9-30-77 Test Ticket No. 25712
 Recorder No. 3351 Capacity 4000 Location 4105 A.P. Ft.
 Clock No. 8377 Elevation 1625 Kelly Bushing Well Temperature 132 °F

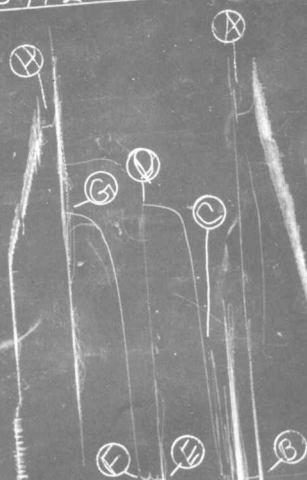
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1968</u> P.S.I.	Open Tool	<u>11:12P.</u> M	
B First Initial Flow Pressure	<u>8</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>1512</u> P.S.I.	Second Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
E Second Initial Flow Pressure	<u>33</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>42</u> P.S.I.			
G Final Closed-in Pressure	<u>1502</u> P.S.I.			
H Final Hydrostatic Mud	<u>1968</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>14</u> Inc.		Breakdown: <u>13</u> Inc.		Breakdown: <u>14</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>8</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>42</u>
P 2 <u>5</u>	<u>4</u>	<u>3</u>	<u>436</u>	<u>5</u>	<u>31</u>	<u>3</u>	<u>271</u>
P 3 <u>10</u>	<u>4</u>	<u>6</u>	<u>988</u>	<u>10</u>	<u>44</u>	<u>6</u>	<u>1040</u>
P 4 <u>15</u>	Flushed Tool	<u>9</u>	<u>1275</u>	<u>15</u>	<u>42</u>	<u>9</u>	<u>1226</u>
P 5 <u>20</u>	Flushed Tool	<u>12</u>	<u>1403</u>			<u>12</u>	<u>1323</u>
P 6 <u>25</u>	Flushed Tool	<u>15</u>	<u>1452</u>			<u>15</u>	<u>1383</u>
P 7 <u>30</u>	<u>33</u>	<u>18</u>	<u>1468</u>			<u>18</u>	<u>1407</u>
P 8		<u>21</u>	<u>1481</u>			<u>21</u>	<u>1440</u>
P 9		<u>24</u>	<u>1493</u>			<u>24</u>	<u>1460</u>
P10		<u>27</u>	<u>1495</u>			<u>27</u>	<u>1472</u>
P11		<u>30</u>	<u>1500</u>			<u>30</u>	<u>1482</u>
P12		<u>33</u>	<u>1504</u>			<u>33</u>	<u>1487</u>
P13		<u>36</u>	<u>1509</u>			<u>36</u>	<u>1494</u>
P14		<u>39</u>	<u>1512</u>			<u>39</u>	<u>1500</u>
P15		<u>42</u>	<u>1512</u>			<u>42</u>	<u>1502</u>
P16							
P17							
P18							
P19							
P20							

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Company Keener Oil Company Lease & Well No. #1 Osner
Elevation 1625 Kelly Bush Formation Mississippi Effective Pay - Ft. Ticket No. 25713
Date 10-1-77 Sec. 32 Twp. 28S Range 8W County Kingman State Kansas
Test Approved by Eldon J. Schierling Western Representative Max Knipe
Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4121' to 4134' Total Depth 4134'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4116 Ft. Size 6 3/4 Bottom Packer Depth 4121 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 13 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4127 Ft. Clock No. 6866 Depth 4130 Ft. Clock No. 6799
Top Make Kuster Cap. 4000 No. 3351 Inside Outside Bottom Make Kuster Cap. 4000 No. 3660 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 2:12P. M
Tool Open I.F.P. From 12:25P M. to 12:50P M. - Hr. 25 Min. From (B) 48 P.S.I. To (C) 47 P.S.I.
Tool Closed I.C.I.P. From 12:50P M. to 1:50P M. - Hr. 60 Min (D) 1490 P.S.I.
Tool Open F.F.P. From 1:50P M. to 2:50P M. - Hr. 60 Min. From (E) 113 P.S.I. To (F) 173 P.S.I.
Tool Closed F.C.I.P. From 2:50P M. to 3:50P M. - Hr. 60 Min. (G) 1472 P.S.I.
Initial Hydrostatic Pressure (A) 2026 P.S.I. Final Hydrostatic Pressure (H) 1990 P.S.I. Maximum Temp. 135

INFORMATION

BLOW Weak blow increasing to a strong blow throughout initial flow period. 2" blow increasing to a 8" blow throughout final flow period.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 180' of mud, 300' of salt water (108,000 PPM Chlorides)

Reversed Out ☐ Yes ☒ No Mud Type Driscap Viscosity 48 Weight 9.2 Water Loss 9.2 cc. Chlorides 12,000 PPM

EXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint Yes Jars: Size 4 3/4 In. Make WTC Ser. No. 403

Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -

DRILLING CONTRACTOR H-30Dr1g. (#1) Length Drill Pipe? 3258 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size - In.

Length Weight Pipe 712 Ft. I.D. Weight Pipe 2.7 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars 120 Ft. I.D. Drill Collars 2 1/4 In.

Tool Joint Size 4 1/2 H-90 In. Length D.S.T. Tool 44 Ft.

Remarks: Pressures from outside recorder #3660.

WESTERN TESTING CO., INC.

Pressure Data

Date 10-1-77 Test Ticket No. 25713
 Recorder No. 3660 Capacity 4000 Location 4130 Ft.
 Clock No. 6799 Elevation 1625 Kelly Bushing Well Temperature 135 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2026</u>	P.S.I.	<u>2:12P.</u>	<u>M</u>
B First Initial Flow Pressure	<u>48</u>	P.S.I.	<u>25</u>	<u>Mins.</u>
C First Final Flow Pressure	<u>47</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
D Initial Closed-in Pressure	<u>1490</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
E Second Initial Flow Pressure	<u>113</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
F Second Final Flow Pressure	<u>173</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
G Final Closed-in Pressure	<u>1472</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1990</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>20</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>20</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>48</u>	<u>0</u>	<u>47</u>	<u>0</u>	<u>113</u>	<u>0</u>	<u>173</u>
P 2 <u>5</u>	<u>41</u>	<u>3</u>	<u>176</u>	<u>5</u>	<u>104</u>	<u>3</u>	<u>458</u>
P 3 <u>10</u>	<u>43</u>	<u>6</u>	<u>453</u>	<u>10</u>	<u>106</u>	<u>6</u>	<u>732</u>
P 4 <u>15</u>	<u>43</u>	<u>9</u>	<u>736</u>	<u>15</u>	<u>108</u>	<u>9</u>	<u>929</u>
P 5 <u>20</u>	<u>47</u>	<u>12</u>	<u>1002</u>	<u>20</u>	<u>114</u>	<u>12</u>	<u>1094</u>
P 6		<u>15</u>	<u>1160</u>	<u>25</u>	<u>121</u>	<u>15</u>	<u>1183</u>
P 7		<u>18</u>	<u>1259</u>	<u>30</u>	<u>129</u>	<u>18</u>	<u>1256</u>
P 8		<u>21</u>	<u>1342</u>	<u>35</u>	<u>134</u>	<u>21</u>	<u>1299</u>
P 9		<u>24</u>	<u>1377</u>	<u>40</u>	<u>142</u>	<u>24</u>	<u>1337</u>
P10		<u>27</u>	<u>1403</u>	<u>45</u>	<u>148</u>	<u>27</u>	<u>1366</u>
P11		<u>30</u>	<u>1421</u>	<u>50</u>	<u>156</u>	<u>30</u>	<u>1386</u>
P12		<u>33</u>	<u>1436</u>	<u>55</u>	<u>164</u>	<u>33</u>	<u>1403</u>
P13		<u>36</u>	<u>1447</u>	<u>60</u>	<u>173</u>	<u>36</u>	<u>1417</u>
P14		<u>39</u>	<u>1456</u>			<u>39</u>	<u>1428</u>
P15		<u>42</u>	<u>1463</u>			<u>42</u>	<u>1437</u>
P16		<u>45</u>	<u>1469</u>			<u>45</u>	<u>1444</u>
P17		<u>48</u>	<u>1472</u>			<u>48</u>	<u>1451</u>
P18		<u>51</u>	<u>1476</u>			<u>51</u>	<u>1457</u>
P19		<u>54</u>	<u>1479</u>			<u>54</u>	<u>1463</u>
P20		<u>57</u>	<u>1486</u>			<u>57</u>	<u>1468</u>
WTC - 4		<u>60</u>	<u>1490</u>			<u>60</u>	<u>1472</u>

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