

Company Maguire Oil Company Lease & Well No. Klepper-Musenburger #1
Elevation 2109 Kelly Bushing Herrington Effective Pay - Ft. Ticket No. 8690
Date 11/21/80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
Test Approved by Gerald B. Becker Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 2148 ft. to 2218 ft. Total Depth 2218 ft.

Packer Depth 2143 ft. Size 6 5/8 in. Packer Depth 2148 ft. Size 6 5/8 in.

Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 2208 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 2211 ft. Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor B. & B. Drlg. Rig #2 Drill Collar Length - I. D. - in.

Mud Type starch Viscosity 38 Weight Pipe Length 180 I. D. 2.8 in.

Weight 9.7 Water Loss 7.0 cc. Drill Pipe Length 1944 I. D. 3.8 in.

Chlorides 84,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD

Jars: Make -- Serial Number - Anchor Length 70 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 XH in.

Blow: No blow; flushed tool, still no blow on first flow period. No blow on second opening.

Recovered -- ft. of

Recovered - ft. of

Recovered - ft. of

Recovered - ft. of

MISRUN

Recovered - ft. of

Remarks: Tool did not open due to mud cake in hydraulic tool to prevent opening.

Time Set Packer(s) 11:13 A.M. Time Started Off Bottom 1:15 A.M. Maximum Temperature --

Initial Hydrostatic Pressure (A) 1176 P.S.I.

Initial Flow Period Minutes (B) -- P.S.I. to (C) -- P.S.I.

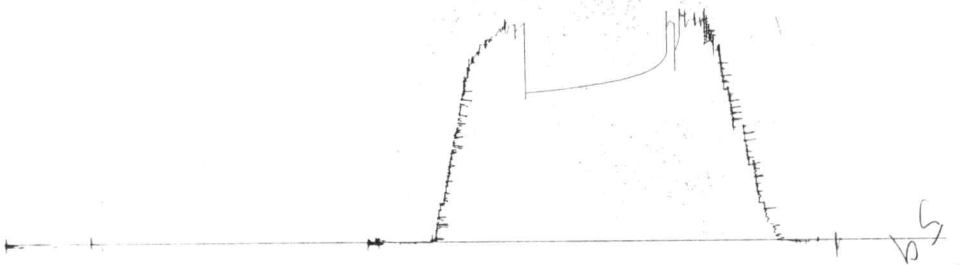
Initial Closed In Period Minutes (D) -- P.S.I.

Final Flow Period Minutes (E) -- P.S.I. to (F) -- P.S.I.

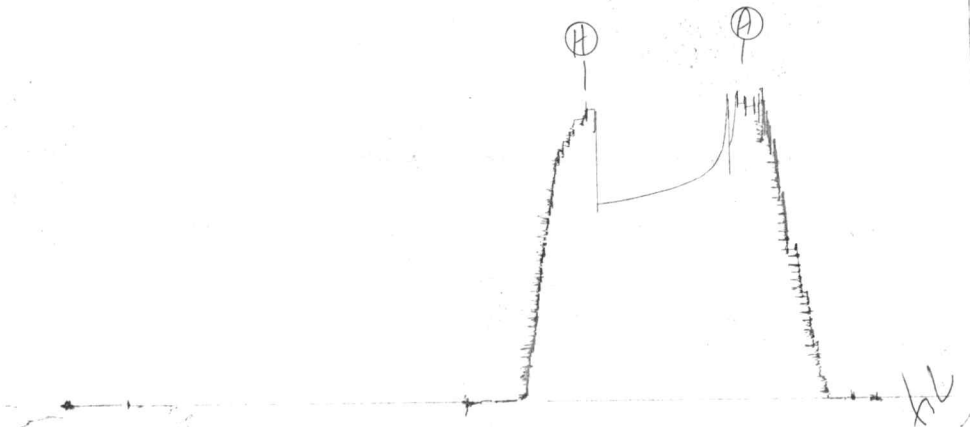
Final Closed In Period Minutes (G) -- P.S.I.

Final Hydrostatic Pressure (H) 1141 P.S.I.

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Company Maguire Oil Company Lease & Well No. Klepper-Musenburg #1
Elevation 2109 Kelly Bushing Herrington Formation Effective Pay - Ft. Ticket No. 8691
Date 11/22/80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
Test Approved by Gerald B. Becker Western Representative Denis Wondra
Formation Test No. 2 Interval Tested from 2148 ft. to 2218 ft. Total Depth 2218 ft.
Packer Depth 2143 ft. Size 6 5/8 in. Packer Depth 2148 ft. Size 6 5/8 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 2208 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 2211 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor B. & B. Drlg. Rig #2 Drill Collar Length - I. D. - in.
Mud Type starch Viscosity 38 Weight Pipe Length 180 I. D. 2.8 in.
Weight 9.7 Water Loss 7.0 cc. Drill Pipe Length 1944 I. D. 3.8 in.
Chlorides 84,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 70 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 XH in.

Blow: Fair throughout test.

Recovered 90 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

MISRUN PLUGGED TOOL

Recovered ft. of

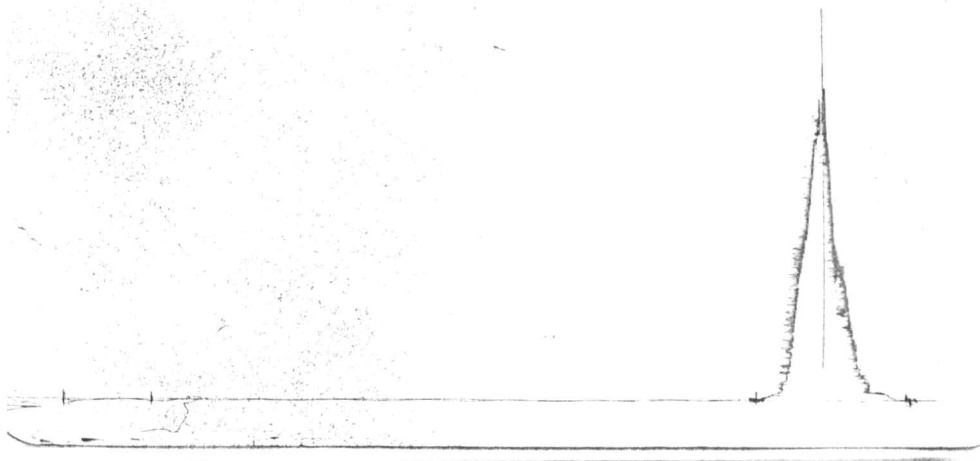
Remarks: PSI FROM RECORDER #3659

FLOW PERIODS INCORRECT DUE TO PLUGGING ACTION.

Time Set Packer(s) 6:43 A.M. P.M. Time Started Off Bottom 8:45 A.M. P.M. Maximum Temperature 86°
Initial Hydrostatic Pressure 1089 P.S.I. (A)
Initial Flow Period Minutes (B) P.S.I. to (C) P.S.I.
Initial Closed In Period Minutes (D) P.S.I.
Final Flow Period Minutes (E) P.S.I. to (F) P.S.I.
Final Closed In Period Minutes (G) P.S.I.
Final Hydrostatic Pressure 1089 P.S.I. (H)

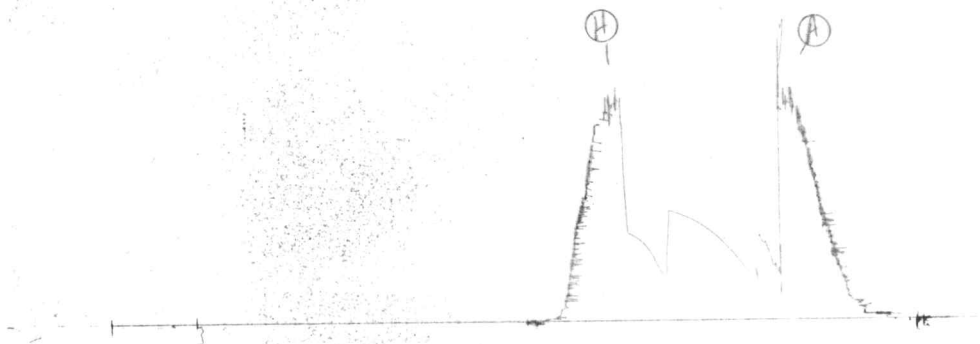
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Company Maguire Oil Lease & Well No. #1 Klepper-Musenber
Elevation 2109 Kelly Bushing Formation Winfield Effective Pay - Ft. Ticket No. 8692
Date 11-22-80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
Test Approved by Gerald R. Becker Western Representative Denis Wondra
Formation Test No. 3 Interval Tested from 2199 ft. to 2254 ft. Total Depth 2254 ft.
Packer Depth 2194 ft. Size 6 5/8 in. Packer Depth 2199 ft. Size 6 5/8 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 2220 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 2223 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor B & B Drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Starch Viscosity 29 Weight Pipe Length 180 I. D. 2.8 in.
Weight 9.7 Water Loss 7.0 cc. Drill Pipe Length 1995 I. D. 3.8 in.
Chlorides 79,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 55 ft. Size 5 1/2 OD in.
Did Well Flow? Yes 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 XH in.

Blow: Good. Increased to strong in five minutes on initial flow period. Gas to Surface after shut-in for five minutes. See attached sheet for gas measurements.

Recovered 60 ft. of gas cut watery mud - .9 BBLS
Recovered 374 ft. of gas cut muddy water - 4.1 BBLS
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 4:13 A.M. Time Started Off Bottom 7:00 A.M. Maximum Temperature 84
Initial Hydrostatic Pressure 1188 P.S.I.
Initial Flow Period 25 Minutes (B) 107 P.S.I. to (C) 108 P.S.I.
Initial Closed In Period 45 Minutes (D) 634 P.S.I.
Final Flow Period 45 Minutes (E) 127 P.S.I. to (F) 168 P.S.I.
Final Closed In Period 42 Minutes (G) 612 P.S.I.
Final Hydrostatic Pressure 1180 P.S.I.

GAS FLOW REPORT

Date 11-22-80 Ticket 8692 Company Maguire Oil
 Well Name and No. #1 Klepper-Musenber Dst No. 3 Interval Tested 2199-2254
 County Pawnee State Kansas Sec. 36 Twp. 21S Rg. 20W

Time Gauge Pre-Flow	Time Gauge in Min.	P.S.I. on Merla Orifice Well Tester	P.S.I. on Pitot Tester	P.S.I. on Side Static Tester	P.S.I. on U-Tube Tester	Description of Flow
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PRE FLOW

Tool open 5:30 P.M.

SECOND FLOW

5 Min.	48" water	½" Orifice		43,400 C.F.P.D.
10 Min.	30" water	½" Orifice		34,300 C.F.P.D.
15 Min.	30" water	½" Orifice		34,300 C.F.P.D.
20 Min.	34" water	½" Orifice		36,500 C.F.P.D.
25 Min.	34" water	½" Orifice		36,500 C.F.P.D.
30 Min.	32" water	½" Orifice		35,500 C.F.P.D.
35 Min.	34" water	½" Orifice		36,500 C.F.P.D.
40 Min.	32" water	½" Orifice		35,500 C.F.P.D.
45 Min.	34" water	½" Orifice		36,500 C.F.P.D.

GAS BOTTLE

Serial No. 50 Date Bottle Filled 11-22-80 Date to be Invoiced 11-22-80

Requisition and Provisions for high pressure stainless steel gas bottles. Western Testing Co., Inc. shall not be liable for damage of any kind to property or personnel of the one whom gas bottle is filled or for any loss suffered or sustained directly or indirectly through the use of these bottles. By signing of this ticket showing receipt of a gas testing bottle, the undersigned agrees for himself and as agent for operator, to return this bottle to Western Testing Co., Inc. within thirty (30) days free of charge, or be invoiced in the amount of \$75.00 (total charge). Should valve or seal plug be missing or damaged beyond repair, operator shall be invoiced for repairs at our invoiced price.

All charges subject to 1½% per month, equal to 18% interest per annum after 30 days from date of invoice. Any expense incurred for collection will be added to the original amount.

COMPANY'S NAME Maguire Oil

Authorized by Gerald R. Becker

WESTERN TESTING CO., INC.

Pressure Data

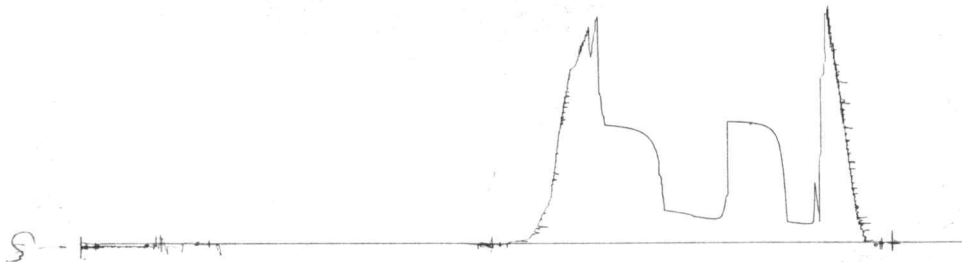
Date 11-22-80 Test Ticket No. 8692
 Recorder No. 3659 Capacity 4000 Location 2223 Ft.
 Clock No. - Elevation 2109 Kelly Bushing Well Temperature 84 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1188</u>	P.S.I.	<u>4:13P</u>	<u>M</u>
B First Initial Flow Pressure	<u>107</u>	P.S.I.	<u>30</u>	<u>25</u> Mins.
C First Final Flow Pressure	<u>108</u>	P.S.I.	<u>45</u>	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>634</u>	P.S.I.	<u>45</u>	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>127</u>	P.S.I.	<u>45</u>	<u>42</u> Mins.
F Second Final Flow Pressure	<u>168</u>	P.S.I.		
G Final Closed-in Pressure	<u>612</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1180</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>9</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>107</u>	<u>0</u>	<u>108</u>	<u>0</u>	<u>127</u>	<u>0</u>	<u>168</u>
P 2 <u>5</u>	<u>101</u>	<u>3</u>	<u>432</u>	<u>5</u>	<u>129</u>	<u>3</u>	<u>357</u>
P 3 <u>10</u>	<u>99</u>	<u>6</u>	<u>533</u>	<u>10</u>	<u>124</u>	<u>6</u>	<u>487</u>
P 4 <u>15</u>	<u>101</u>	<u>9</u>	<u>573</u>	<u>15</u>	<u>127</u>	<u>9</u>	<u>530</u>
P 5 <u>2</u>	<u>104</u>	<u>12</u>	<u>597</u>	<u>20</u>	<u>132</u>	<u>12</u>	<u>555</u>
P 6 <u>25</u>	<u>108</u>	<u>15</u>	<u>608</u>	<u>25</u>	<u>140</u>	<u>15</u>	<u>571</u>
P 7		<u>18</u>	<u>616</u>	<u>30</u>	<u>151</u>	<u>18</u>	<u>581</u>
P 8		<u>21</u>	<u>621</u>	<u>35</u>	<u>157</u>	<u>21</u>	<u>590</u>
P 9		<u>24</u>	<u>624</u>	<u>40</u>	<u>164</u>	<u>24</u>	<u>596</u>
P10		<u>27</u>	<u>627</u>	<u>45</u>	<u>168</u>	<u>27</u>	<u>601</u>
P11		<u>30</u>	<u>629</u>			<u>30</u>	<u>604</u>
P12		<u>33</u>	<u>630</u>			<u>33</u>	<u>607</u>
P13		<u>36</u>	<u>631</u>			<u>36</u>	<u>609</u>
P14		<u>39</u>	<u>632</u>			<u>39</u>	<u>612</u>
P15		<u>42</u>	<u>633</u>			<u>42</u>	<u>612</u>
P16		<u>45</u>	<u>634</u>				
P17							
P18							
P19							
P20							

TKT # 8692
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Company Maguire Oil Lease & Well No. Klepper-Musenberg #1
Elevation - Formation - Effective Pay - Ft. Ticker No. 8458
Date 11-26-80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
Test Approved by Gerald B Becker Western Representative Jim Wondra
Formation Test No. 4 Interval Tested from 3914 ft. to 3932 ft. Total Depth 3932 ft.
Packer Depth 3909 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Packer Depth 3914 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -
Top Recorder Depth (Inside) 3922 ft. Recorder Number 2607 Cap. 4150
Bottom Recorder Depth (Outside) 3925 ft. Recorder Number 3351 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor B & B drilling Rig #2 Drill Collar Length - I. D. - in.
Mud Type Salt-Starch Viscosity 49 Weight Pipe Length 185 I. D. 2.7 in.
Weight 9.8 Water Loss 10.5 cc. Drill Pipe Length 3705 I. D. 3.8 in.
Chlorides 42,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
Jars: Make - Serial Number - Anchor Length 18 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: _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks: Halfway in the hole with test tool. Drum bearing froze up came back out of hole with
tool. NO PRESSURES AVAILABLE MISRUN

Time Set	Packer(s)	A.M.	P.M.	Time Started Off Bottom	A.M.	P.M.	Maximum Temperature
Initial Hydrostatic Pressure				(A)		P.S.I.	
Initial Flow Period				Minutes	(B)	P.S.I. to (C)	P.S.I.
Initial Closed In Period				Minutes	(D)	P.S.I.	
Final Flow Period				Minutes	(E)	P.S.I. to (F)	P.S.I.
Final Closed In Period				Minutes	(G)	P.S.I.	
Final Hydrostatic Pressure				(H)		P.S.I.	

TKT # 8458
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Company Maguire Oil Company Lease & Well No. Klepper-Musenberg #1
 Elevation 2109 Kelly Bushing Formation Kansas City Effective Pay - Ft. Ticket No. 9577
 Date 11-30-80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
 Test Approved by Bill Lahar Western Representative Ray Schwager
 Formation Test No. 4 Interval Tested from 3914 ft. to 3932 ft. Total Depth 3932 ft.
 Packer Depth 3909 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3914 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3925 ft. Recorder Number 10266 Cap. 4650
 Bottom Recorder Depth (Outside) 3928 ft. Recorder Number 6233 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor B & B Drilling Inc Drill Collar Length - I. D. - in.
 Mud Type Salt-Starch Viscosity 45 Weight Pipe Length 179 I. D. 2.7 in.
 Weight 10.0 Water Loss 18.2 cc. Drill Pipe Length 3705 I. D. 3.8 in.
 Chlorides 54,000 P.P.M. Test Tool Length 30 ft. Tool Size 4 1/2 in.
 Jars: Make WTC Serial Number 420 Anchor Length 18 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 X in.

Blow: Weak blow building very slowly throughout test.

Recovered 120 ft. of mud
 Recovered 180 ft. of slightly oil cut mud - 4% oil; 91% mud; 5% gas
 Recovered 120 ft. of slightly oil cut mud - 10% oil; 4% water; 60% mud; 26% gas
 Recovered 30 ft. of gas in pipe

Recovered ft. of
 Remarks: Packer leaked on first opening. Reset packers. Hole stayed full.

Time Set Packer(s) 11:50 ~~A.M.~~ P.M. Time Started Off Bottom 3:20 ~~A.M.~~ P.M. Maximum Temperature 100
 Initial Hydrostatic Pressure (A) 2044 P.S.I.
 Initial Flow Period Minutes 25 (B) 286 P.S.I. to (C) 296 P.S.I.
 Initial Closed In Period Minutes 27 (D) 1430 P.S.I.
 Final Flow Period Minutes 80 (E) 347 P.S.I. to (F) 319 P.S.I.
 Final Closed In Period Minutes 57 (G) 1444 P.S.I.
 Final Hydrostatic Pressure (H) 2044 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

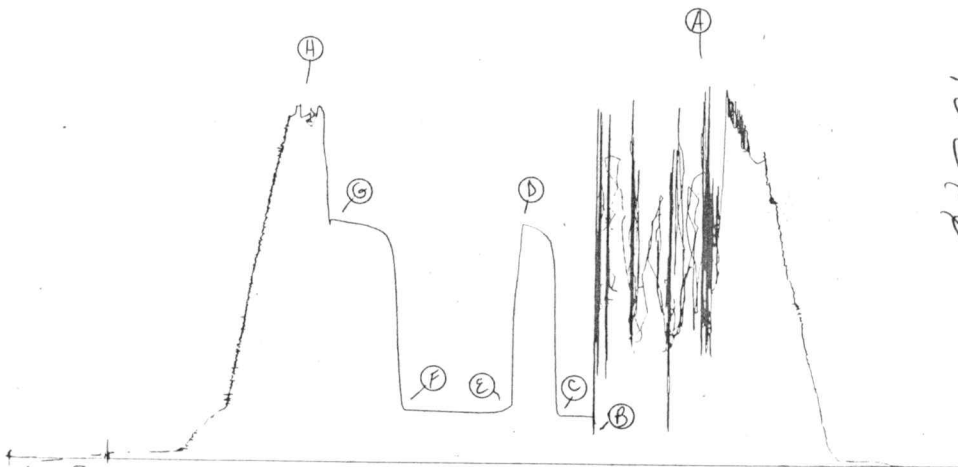
Date 11-30-80 Test Ticket No. 9577
 Recorder No. 10266 Capacity 4650 Location 3925 Ft.
 Clock No. - Elevation 2109 Kelly Bushing Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2044</u>	P.S.I.	<u>11:50P</u>	<u>M</u>
B First Initial Flow Pressure	<u>286</u>	P.S.I.	<u>30</u>	<u>25</u> Mins.
C First Final Flow Pressure	<u>296</u>	P.S.I.	<u>30</u>	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>1430</u>	P.S.I.	<u>90</u>	<u>80</u> Mins.
E Second Initial Flow Pressure	<u>347</u>	P.S.I.	<u>60</u>	<u>57</u> Mins.
F Second Final Flow Pressure	<u>319</u>	P.S.I.		
G Final Closed-in Pressure	<u>1444</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2044</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>16</u> Inc.		Breakdown: <u>19</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>286</u>	<u>0</u>	<u>296</u>	<u>0</u>	<u>347</u>	<u>0</u>	<u>319</u>
P 2 <u>5</u>	<u>293</u>	<u>3</u>	<u>1070</u>	<u>5</u>	<u>331</u>	<u>3</u>	<u>385</u>
P 3 <u>10</u>	<u>296</u>	<u>6</u>	<u>1302</u>	<u>10</u>	<u>315</u>	<u>6</u>	<u>675</u>
P 4 <u>15</u>	<u>296</u>	<u>9</u>	<u>1351</u>	<u>15</u>	<u>312</u>	<u>9</u>	<u>1156</u>
P 5 <u>20</u>	<u>296</u>	<u>12</u>	<u>1377</u>	<u>20</u>	<u>310</u>	<u>12</u>	<u>1293</u>
P 6 <u>25</u>	<u>296</u>	<u>15</u>	<u>1393</u>	<u>25</u>	<u>310</u>	<u>15</u>	<u>1347</u>
P 7 _____		<u>18</u>	<u>1405</u>	<u>30</u>	<u>310</u>	<u>18</u>	<u>1374</u>
P 8 _____		<u>21</u>	<u>1416</u>	<u>35</u>	<u>311</u>	<u>21</u>	<u>1386</u>
P 9 _____		<u>24</u>	<u>1423</u>	<u>40</u>	<u>312</u>	<u>24</u>	<u>1398</u>
P10 _____		<u>27</u>	<u>1430</u>	<u>45</u>	<u>314</u>	<u>27</u>	<u>1405</u>
P11 _____				<u>50</u>	<u>314</u>	<u>30</u>	<u>1414</u>
P12 _____				<u>55</u>	<u>315</u>	<u>33</u>	<u>1419</u>
P13 _____				<u>60</u>	<u>316</u>	<u>36</u>	<u>1422</u>
P14 _____				<u>65</u>	<u>317</u>	<u>39</u>	<u>1426</u>
P15 _____				<u>70</u>	<u>318</u>	<u>42</u>	<u>1428</u>
P16 _____				<u>75</u>	<u>319</u>	<u>45</u>	<u>1433</u>
P17 _____				<u>80</u>	<u>319</u>	<u>48</u>	<u>1437</u>
P18 _____						<u>51</u>	<u>1441</u>
P19 _____						<u>54</u>	<u>1443</u>
P20 _____						<u>57</u>	<u>1444</u>

TKT # 9577
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Company Maguire Oil Company Lease & Well No. Klepper-Musenbergl #1
Elevation 2109 Kelly Bushing Formation Cherokee Effective Pay - Ft. Ticket No. 6366
Date 12-2-80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
Test Approved by Bob Carpenter Western Representative Roger Lisenby

Formation Test No. 5 Interval Tested from 4165 ft. to 4212 ft. Total Depth 4212 ft.
Packer Depth 4160 ft. Size 6 3/4 in. Packer Depth 4165 ft. Size 6 3/4 in.
Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4203 ft. Recorder Number 10266 Cap. 4650
Bottom Recorder Depth (Outside) 4206 ft. Recorder Number 6233 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor B & B Rig #2 Drill Collar Length - I. D. - in.
Mud Type Starch Viscosity 42 Weight Pipe Length 179 I. D. 2.7 in.
Weight 9.9 Water Loss 9.2 cc. Drill Pipe Length 3956 I. D. 3.8 in.
Chlorides 54,000 P.P.M. Test Tool Length 30 ft. Tool Size 4 1/2 in.
Jars: Make WTC Serial Number 420 Anchor Length 47 ft. Size 5 1/2 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 XH in.

Blow: Weak blow increased to good blow (slowly) initial flow period. Weak blow slowly
increasing to good blow final flow period.

Recovered 30 ft. of slightly oil cut mud
Recovered 180 ft. of muddy oil - 80% oil; 20% mud
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Time Set Packer(s) 2:52 A.M. Time Started Off Bottom 5:38 P.M. Maximum Temperature 116
Initial Hydrostatic Pressure (A) 2325 P.S.I.
Initial Flow Period Minutes 25 (B) 134 P.S.I. to (C) 113 P.S.I.
Initial Closed In Period Minutes 27 (D) 1223 P.S.I.
Final Flow Period Minutes 55 (E) 162 P.S.I. to (F) 157 P.S.I.
Final Closed In Period Minutes 45 (G) 1214 P.S.I.
Final Hydrostatic Pressure (H) 2313 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-2-80 Recorder No. 10266 Capacity 4650 Test Ticket No. 6366
 Location 4203 Ft. Elevation 2109 Kelly Bushing Well Temperature 116 °F
 Clock No. -

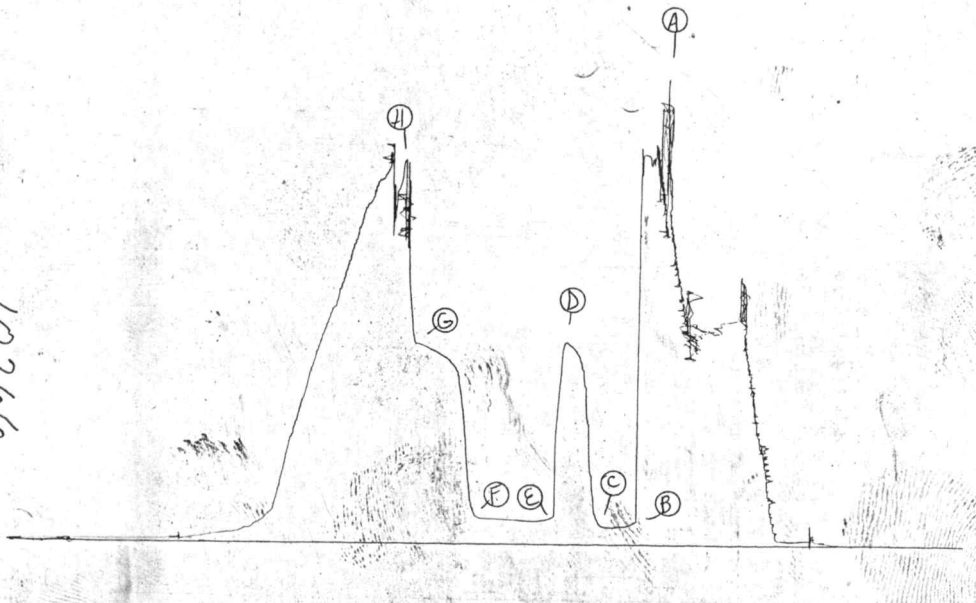
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2325 P.S.I.	2:52P	M
B First Initial Flow Pressure	134 P.S.I.	30 Mins.	25 Mins.
C First Final Flow Pressure	113 P.S.I.	30 Mins.	27 Mins.
D Initial Closed-in Pressure	1223 P.S.I.	60 Mins.	55 Mins.
E Second Initial Flow Pressure	162 P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	157 P.S.I.		
G Final Closed-in Pressure	1214 P.S.I.		
H Final Hydrostatic Mud	2313 P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>11</u> Inc.		Breakdown: <u>15</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>134</u>	<u>0</u>	<u>113</u>	<u>0</u>	<u>162</u>	<u>0</u>	<u>157</u>
P 2 <u>5</u>	<u>122</u>	<u>3</u>	<u>136</u>	<u>5</u>	<u>153</u>	<u>3</u>	<u>174</u>
P 3 <u>10</u>	<u>113</u>	<u>6</u>	<u>223</u>	<u>10</u>	<u>146</u>	<u>6</u>	<u>232</u>
P 4 <u>15</u>	<u>109</u>	<u>9</u>	<u>469</u>	<u>15</u>	<u>141</u>	<u>9</u>	<u>488</u>
P 5 <u>20</u>	<u>109</u>	<u>12</u>	<u>960</u>	<u>20</u>	<u>143</u>	<u>12</u>	<u>822</u>
P 6 <u>25</u>	<u>113</u>	<u>15</u>	<u>1098</u>	<u>25</u>	<u>146</u>	<u>15</u>	<u>1019</u>
P 7 _____	_____	<u>18</u>	<u>1160</u>	<u>30</u>	<u>148</u>	<u>18</u>	<u>1077</u>
P 8 _____	_____	<u>71</u>	<u>1193</u>	<u>35</u>	<u>150</u>	<u>21</u>	<u>1105</u>
P 9 _____	_____	<u>24</u>	<u>1214</u>	<u>40</u>	<u>153</u>	<u>24</u>	<u>1128</u>
P10 _____	_____	<u>27</u>	<u>1223</u>	<u>45</u>	<u>154</u>	<u>27</u>	<u>1142</u>
P11 _____	_____	_____	_____	<u>50</u>	<u>156</u>	<u>30</u>	<u>1158</u>
P12 _____	_____	_____	_____	<u>55</u>	<u>157</u>	<u>33</u>	<u>1170</u>
P13 _____	_____	_____	_____	_____	_____	<u>36</u>	<u>1181</u>
P14 _____	_____	_____	_____	_____	_____	<u>39</u>	<u>1193</u>
P15 _____	_____	_____	_____	_____	_____	<u>42</u>	<u>1205</u>
P16 _____	_____	_____	_____	_____	_____	<u>45</u>	<u>1214</u>
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

TKT # 6366
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10266



Company Maguire Oil Company Lease & Well No. Klepper-Musenbergl #1
 Elevation 2109 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 6367
 Date 12-3-80 Sec. 36 Twp. 21S Range 20W County Pawnee State Kansas
 Test Approved by Bill G Lahar Western Representative Roger Lisenby
 Formation Test No. 6 Interval Tested from 4222 ft. to 4240 ft. Total Depth 4240 ft.
 Packer Depth 4217 ft. Size 6 3/4 in. Packer Depth 4222 ft. Size 6 3/4 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4233 ft. Recorder Number 10266 Cap. 4650
 Bottom Recorder Depth (Outside) 4236 ft. Recorder Number 6233 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor B & B Rig #2 Drill Collar Length - I. D. - in.
 Mud Type Starch Viscosity 50 Weight Pipe Length 179 I. D. 2.7 in.
 Weight 10.2 Water Loss 6.0 cc. Drill Pipe Length 4013 I. D. 3.8 in.
 Chlorides 50,000 P.P.M. Test Tool Length 30 ft. Tool Size 4 1/2 in.
 Jars: Make WTC Serial Number 420 Anchor Length 18 ft. Size 5 1/2 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 XH in.

Blow: Weak blow slowly increased to good blow throughout test.

Recovered 120 ft. of gas in pipe
 Recovered 60 ft. of heavy oil cut mud
 Recovered 180 ft. of muddy frothy oil- (small amount of free oil in tool) -65% Oil; 30% mud;
 Recovered ft. of 5% water
 Recovered ft. of

Remarks:

Time Set Packer(s) 9:18 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 12:06 ~~P.M.~~ ^{A.M.} Maximum Temperature 117
 Initial Hydrostatic Pressure (A) 2325 P.S.I.
 Initial Flow Period Minutes 25 (B) 138 P.S.I. to (C) 112 P.S.I.
 Initial Closed In Period Minutes 27 (D) 1260 P.S.I.
 Final Flow Period Minutes 60 (E) 167 P.S.I. to (F) 157 P.S.I.
 Final Closed In Period Minutes 45 (G) 1298 P.S.I.
 Final Hydrostatic Pressure (H) 2241 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

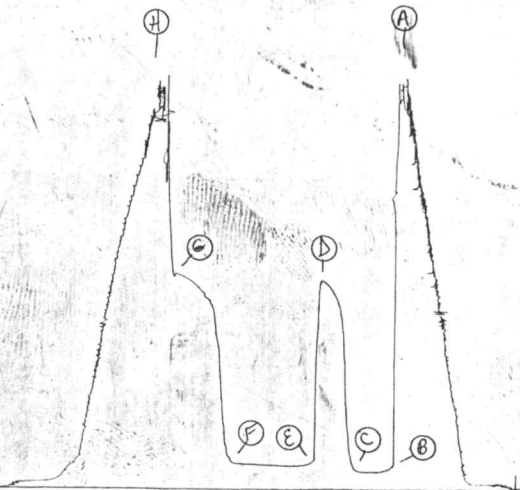
Date 12-3-80 Recorder No. 10266 Capacity 4650 Test Ticket No. 6367
 Location 4233 Ft.
 Clock No. - Elevation 2109 Kelly Bushing Well Temperature 117 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2325</u>	P.S.I.	<u>9:18A</u>	<u>M</u>
B First Initial Flow Pressure	<u>138</u>	P.S.I.	<u>30</u>	<u>25</u> Mins.
C First Final Flow Pressure	<u>112</u>	P.S.I.	<u>30</u>	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>1260</u>	P.S.I.	<u>60</u>	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>167</u>	P.S.I.	<u>45</u>	<u>45</u> Mins.
F Second Final Flow Pressure	<u>157</u>	P.S.I.		
G Final Closed-in Pressure	<u>1298</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2241</u>	P.S.I.		
Open Tool				
First Flow Pressure				
Initial Closed-in Pressure				
Second Flow Pressure				
Final Closed-in Pressure				

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>15</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>138</u>	<u>0</u>	<u>112</u>	<u>0</u>	<u>167</u>	<u>0</u>	<u>157</u>
P 2 <u>5</u>	<u>120</u>	<u>3</u>	<u>141</u>	<u>5</u>	<u>155</u>	<u>3</u>	<u>192</u>
P 3 <u>10</u>	<u>110</u>	<u>6</u>	<u>279</u>	<u>10</u>	<u>148</u>	<u>6</u>	<u>277</u>
P 4 <u>15</u>	<u>110</u>	<u>9</u>	<u>713</u>	<u>15</u>	<u>146</u>	<u>9</u>	<u>554</u>
P 5 <u>20</u>	<u>110</u>	<u>12</u>	<u>1021</u>	<u>20</u>	<u>146</u>	<u>12</u>	<u>846</u>
P 6 <u>25</u>	<u>112</u>	<u>15</u>	<u>1135</u>	<u>25</u>	<u>146</u>	<u>15</u>	<u>1012</u>
P 7 _____		<u>18</u>	<u>1191</u>	<u>30</u>	<u>148</u>	<u>18</u>	<u>1114</u>
P 8 _____		<u>21</u>	<u>1223</u>	<u>35</u>	<u>149</u>	<u>21</u>	<u>1149</u>
P 9 _____		<u>24</u>	<u>1249</u>	<u>40</u>	<u>151</u>	<u>24</u>	<u>1186</u>
P10 _____		<u>27</u>	<u>1260</u>	<u>45</u>	<u>153</u>	<u>27</u>	<u>1212</u>
P11 _____				<u>50</u>	<u>155</u>	<u>30</u>	<u>1235</u>
P12 _____				<u>55</u>	<u>156</u>	<u>33</u>	<u>1253</u>
P13 _____				<u>60</u>	<u>157</u>	<u>36</u>	<u>1270</u>
P14 _____						<u>39</u>	<u>1284</u>
P15 _____						<u>42</u>	<u>1293</u>
P16 _____						<u>45</u>	<u>1298</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							

TKT # 6367
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