

Company Mull Drilling Company, Inc. Lease & Well No. Einsel "J" #2
 Elevation - Formation Mississippi Effective Pay - Ft. Ticket No. 13068
 Date 10/22/81 Sec. 5 Twp. 27S Range 20W County Kiowa State Kansas
 Test Approved by M Kidwell Western Representative Jim Wondra

Formation Test No. 1 Interval Tested from 4796 ft. to 4852 ft. Total Depth 4852 ft.
 Packer Depth 4791 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4796 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4811 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4814 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Rig #1 Drill Collar Length 277 I. D. 2 1/4 in.
 Mud Type Premix Viscosity 47 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 6.8 cc. Drill Pipe Length 4495 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 56 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 blow throughout initial flow period. No blow on final flow period.

Recovered 75 ft. of drilling mud - few specks of oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 12:40 ^{A.M.}/_{P.M.} Time Started Off Bottom 3:45 ^{A.M.}/_{P.M.} Maximum Temperature 127
 Initial Hydrostatic Pressure 2407 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 88 P.S.I. to (C) 88 P.S.I.
 Initial Closed In Period 45 Minutes (D) 94 P.S.I.
 Final Flow Period 50 Minutes (E) 90 P.S.I. to (F) 147 P.S.I.
 Final Closed In Period 60 Minutes (G) 120 P.S.I.
 Final Hydrostatic Pressure 2399 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 10/22/81

Test Ticket No. 13068

Recorder No. 2607

Capacity 4150

Location 4811 Ft.

Clock No. -

Elevation -

Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2407</u> P.S.I.	Open Tool	<u>12:40P</u> M	
B First Initial Flow Pressure	<u>88</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>88</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>94</u> P.S.I.	Second Flow Pressure	<u>50</u> Mins.	<u>50</u> Mins.
E Second Initial Flow Pressure	<u>90</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>147</u> P.S.I.			
G Final Closed-in Pressure	<u>120</u> P.S.I.			
H Final Hydrostatic Mud	<u>2399</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

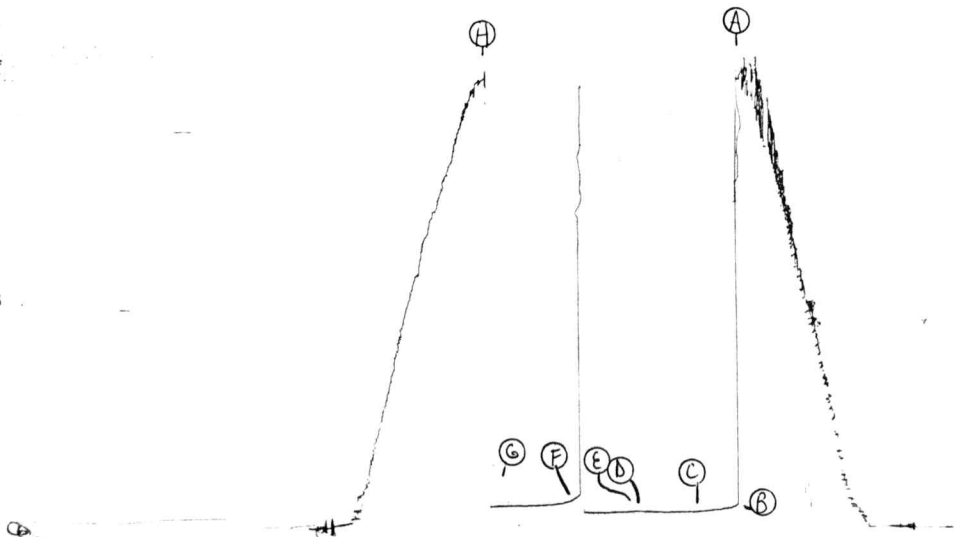
Second Flow Pressure
Breakdown: 10 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 20 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>88</u>	<u>0</u>	<u>88</u>	<u>0</u>	<u>90</u>	<u>0</u>	<u>147</u>
P 2 <u>5</u>	<u>88</u>	<u>3</u>	<u>88</u>	<u>5</u>	<u>90</u>	<u>3</u>	<u>142</u>
P 3 <u>10</u>	<u>88</u>	<u>6</u>	<u>88</u>	<u>10</u>	<u>90</u>	<u>6</u>	<u>136</u>
P 4 <u>15</u>	<u>88</u>	<u>9</u>	<u>88</u>	<u>15</u>	<u>90</u>	<u>9</u>	<u>134</u>
P 5 <u>20</u>	<u>88</u>	<u>12</u>	<u>88</u>	<u>20</u>	<u>89</u>	<u>12</u>	<u>131</u>
P 6 <u>25</u>	<u>88</u>	<u>15</u>	<u>89</u>	<u>25</u>	<u>88</u>	<u>15</u>	<u>130</u>
P 7 <u>30</u>	<u>88</u>	<u>18</u>	<u>89</u>	<u>30</u>	<u>87</u>	<u>18</u>	<u>129</u>
P 8		<u>21</u>	<u>89</u>	<u>35</u>	<u>87</u>	<u>21</u>	<u>128</u>
P 9		<u>24</u>	<u>89</u>	<u>40</u>	<u>Flushed Tool</u>	<u>24</u>	<u>127</u>
P10		<u>27</u>	<u>89</u>	<u>45</u>	<u>166</u>	<u>27</u>	<u>126</u>
P11		<u>30</u>	<u>90</u>	<u>50</u>	<u>147</u>	<u>30</u>	<u>125</u>
P12		<u>33</u>	<u>91</u>			<u>33</u>	<u>124</u>
P13		<u>36</u>	<u>92</u>			<u>36</u>	<u>124</u>
P14		<u>39</u>	<u>93</u>			<u>39</u>	<u>124</u>
P15		<u>42</u>	<u>94</u>			<u>42</u>	<u>124</u>
P16		<u>45</u>	<u>94</u>			<u>45</u>	<u>124</u>
P17						<u>48</u>	<u>123</u>
P18						<u>51</u>	<u>122</u>
P19						<u>54</u>	<u>121</u>
P20						<u>57</u>	<u>120</u>
						<u>60</u>	<u>120</u>

TKT # 13068

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Company Mull Drilling Company, Inc. Lease & Well No. Einsel "J" #2
 Elevation 2386 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13069
 Date 10/23/81 Sec. 5 Twp. 27S Range 20W County Kiowa State Kansas
 Test Approved by M. Kidwell Western Representative Jim Wondra

Formation Test No. 2 Interval Tested from 4851 ft. to 4862 ft. Total Depth 4862 ft.
 Packer Depth 4846 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4851 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4854 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4857 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Rig #1 Drill Collar Length 277 I. D. 2 1/4 in.
 Mud Type Premix Viscosity 60 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 8.4 cc. Drill Pipe Length 4539 I. D. 3.8 in.
 Chlorides 14,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 11 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.

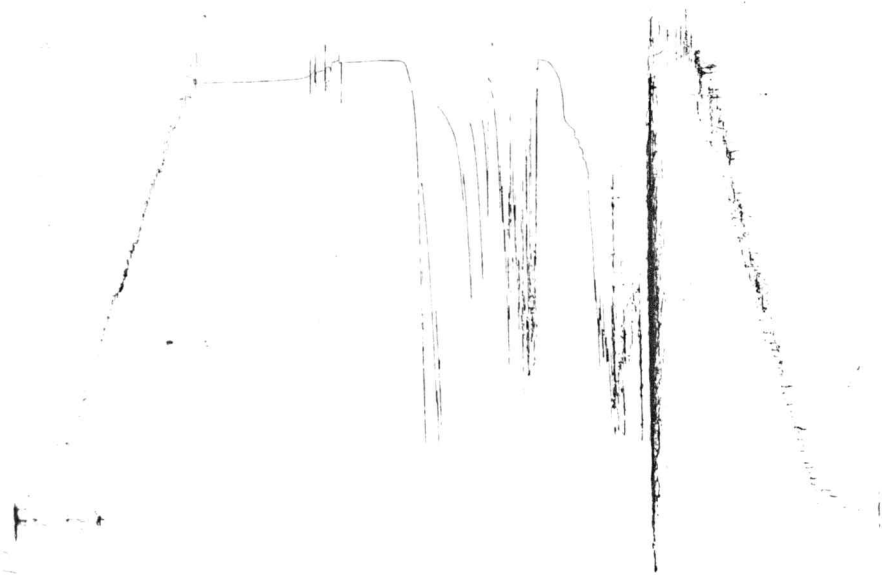
Blow: Strong blow decreased to fair blow on initial flow period. Fair decreased to weak blow on final flow period.

Recovered 540 ft. of drilling mud
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

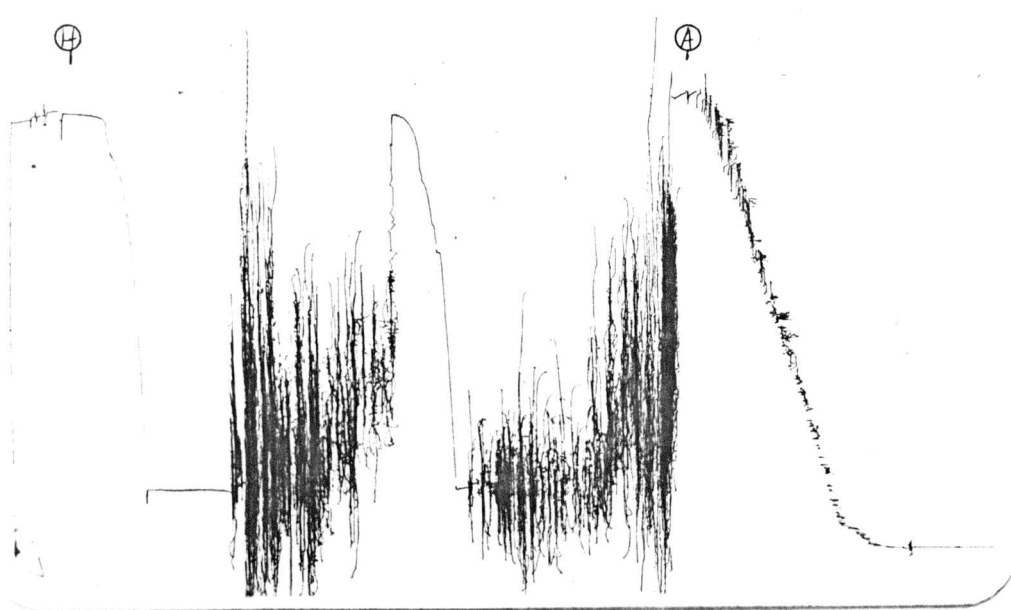
Remarks: Slid tool 4 ft. to bottom. - Lost mud in hole. Tool Plugged. MISRUN

Time Set Packer(s) 6:45 ~~A.M.~~ P.M. Time Started Off Bottom 10:00 ~~A.M.~~ P.M. Maximum Temperature -
 Initial Hydrostatic Pressure (A) 2422 P.S.I.
 Initial Flow Period (B) - Minutes (C) - P.S.I. to (F) - P.S.I.
 Initial Closed In Period (D) - Minutes P.S.I.
 Final Flow Period (E) - Minutes (F) - P.S.I. to (G) - P.S.I.
 Final Closed In Period (G) - Minutes P.S.I.
 Final Hydrostatic Pressure (H) 2346 P.S.I.

TKT # 13069
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TKT # 13069
I



Company Mill Drilling Company, Inc. Lease & Well No. Einzel "J" #2
 Elevation 2386 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13070
 Date 10/24/81 Sec. 5 Twp. 27S Range 20W County Kiowa State Kansas
 Test Approved by M. Kidwell Western Representative Jim Wondra

Formation Test No. 3 Interval Tested from 4851 ft. to 4862 ft. Total Depth 4862 ft.
 Packer Depth 4846 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4851 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4854 ft. Recorder Number 2607 Cap. 4150
 Bottom Recorder Depth (Outside) 4857 ft. Recorder Number 3351 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Blue Goose Rig #1 Drill Collar Length 308 I. D. 2 1/4 in.
 Mud Type Premix Viscosity 55 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 9.6 cc. Drill Pipe Length 4519 I. D. 3.8 in.
 Chlorides 15,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 11 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: Fair blow throughout initial flow period. Weak blow throughout final flow period.

Recovered 420 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: Plugged Tool MISRUN

Time Set Packer(s) 5:20 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 9:05 ~~P.M.~~ ^{A.M.} Maximum Temperature 127
 Initial Hydrostatic Pressure (A) 2415 P.S.I.
 Initial Flow Period Minutes 30 (B) 328 P.S.I. to (C) 283 P.S.I.
 Initial Closed In Period Minutes 45 (D) 1024 P.S.I.
 Final Flow Period Minutes 90 (E) 280 P.S.I. to (F) 338 P.S.I.
 Final Closed In Period Minutes 60 (G) 598 P.S.I.
 Final Hydrostatic Pressure (H) 2371 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

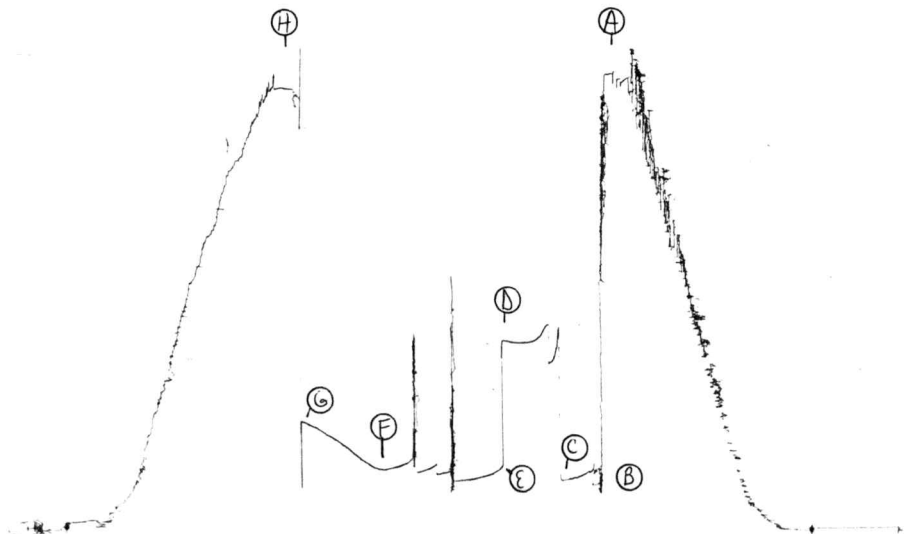
Date 10/24/81 Recorder No. 2607 Capacity 4150 Test Ticket No. 13070
 Clock No. - Elevation 2386 Kelly Bushing Location 4854 Ft. -
 Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2415</u>	P.S.I.	<u>5:20A</u>	<u>M</u>
B First Initial Flow Pressure	<u>328</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>283</u>	P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>1024</u>	P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>280</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>338</u>	P.S.I.		
G Final Closed-in Pressure	<u>598</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2371</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>15</u> Inc.		Breakdown: <u>18</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>328</u>	<u>0</u> <u>283</u>	<u>0</u> <u>280</u>	<u>0</u> <u>338</u>			
P 2	<u>5</u> <u>328</u>	<u>3</u> <u>1079</u>	<u>5</u> <u>280</u>	<u>3</u> <u>347</u>			
P 3	<u>10</u> <u>328</u>	<u>6</u> <u>929</u>	<u>10</u> <u>280</u>	<u>6</u> <u>360</u>			
P 4	<u>15</u> <u>306</u>	<u>9</u> <u>1111</u>	<u>15</u> <u>280</u>	<u>9</u> <u>373</u>			
P 5	<u>20</u> <u>298</u>	<u>12</u> <u>1100</u>	<u>20</u> <u>280</u>	<u>12</u> <u>388</u>			
P 6	<u>25</u> <u>288</u>	<u>15</u> <u>1056</u>	<u>25</u> <u>280</u>	<u>15</u> <u>405</u>			
P 7	<u>30</u> <u>283</u>	<u>18</u> <u>1036</u>	<u>30</u> <u>280</u>	<u>18</u> <u>422</u>			
P 8		<u>21</u> <u>1022</u>	<u>35</u> <u>280</u>	<u>21</u> <u>443</u>			
P 9		<u>24</u> <u>1017</u>	<u>40</u> <u>323</u>	<u>24</u> <u>459</u>			
P10		<u>27</u> <u>1015</u>	<u>45</u> <u>318</u>	<u>27</u> <u>474</u>			
P11		<u>30</u> <u>1014</u>	<u>50</u> <u>362</u>	<u>30</u> <u>488</u>			
P12		<u>33</u> <u>1014</u>	<u>55</u> <u>341</u>	<u>33</u> <u>503</u>			
P13		<u>36</u> <u>1016</u>	<u>60</u> <u>328</u>	<u>36</u> <u>517</u>			
P14		<u>39</u> <u>1022</u>	<u>65</u> <u>353</u>	<u>39</u> <u>527</u>			
P15		<u>42</u> <u>1023</u>	<u>70</u> <u>376</u>	<u>42</u> <u>541</u>			
P16		<u>45</u> <u>1024</u>	<u>75</u> <u>360</u>	<u>45</u> <u>555</u>			
P17			<u>80</u> <u>348</u>	<u>48</u> <u>568</u>			
P18			<u>85</u> <u>341</u>	<u>51</u> <u>578</u>			
P19			<u>90</u> <u>338</u>	<u>54</u> <u>588</u>			
P20				<u>57</u> <u>596</u>			
				<u>60</u> <u>598</u>			

TKT # 13070
I



Company Mull Drilling Company, Inc. Lease & Well No. Einsel "J" #2
 Elevation 2386 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 13071
 Date 10/25/81 Sec. 5 Twp. 27S Range 20W County Kiowa State Kansas

Test Approved by M. R. Kidwell Western Representative Jim Wondra

Formation Test No. 4 Interval Tested from 4748 ft. to 4862 ft. Total Depth 4862 ft.

Packer Depth 4743 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 4748 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4759 ft. Recorder Number 2607 Cap. 4150

Bottom Recorder Depth (Outside) 4762 ft. Recorder Number 3351 Cap. 4000

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

Drilling Contractor Blue Goose Drlg. Rig #1 Drill Collar Length 122 I. D. 2 1/4 in.

Mud Type premix Viscosity 67 Weight Pipe Length - I. D. - in.

Weight 9.3 Water Loss 16.4 cc. Drill Pipe Length 4602 I. D. 3.8 in.

Chlorides 25,000 P.P.M. Test Tool Length 24 ft. Tool Size 5 1/2 OD in.

Jars: Make - Serial Number - Anchor Length 114 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 blow thoroughout initial flow period. Weak blow; died in ten minutes on final flow period.

Recovered 65 ft. of drilling mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:35 ~~A.M.~~ P.M. Time Started Off Bottom 5:20 ~~A.M.~~ P.M. Maximum Temperature 127°

Initial Hydrostatic Pressure 2424 P.S.I. (A)

Initial Flow Period 30 Minutes (B) 95 P.S.I. to (C) 95 P.S.I.

Initial Closed In Period 45 Minutes (D) 95 P.S.I.

Final Flow Period 30 Minutes (E) 95 P.S.I. to (F) 96 P.S.I.

Final Closed In Period 66 Minutes (G) 97 P.S.I.

Final Hydrostatic Pressure 2342 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 10/25/81 Test Ticket No. 13071
 Recorder No. 2607 Capacity 4150 Location 4759 Ft.
 Clock No. -- Elevation 2386 Kelly Bushing Well Temperature 127 °F

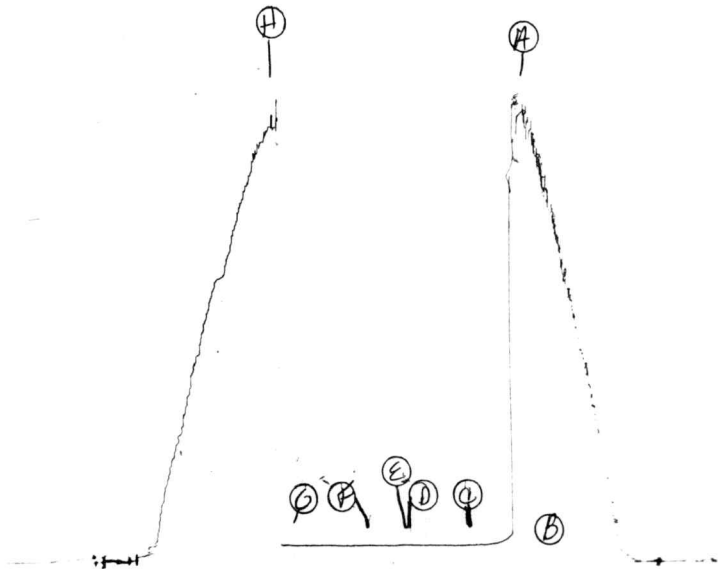
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2424	P.S.I.	2:35P	M
B First Initial Flow Pressure	95	P.S.I.	30	30
C First Final Flow Pressure	95	P.S.I.	45	45
D Initial Closed-in Pressure	95	P.S.I.	30	30
E Second Initial Flow Pressure	95	P.S.I.	60	66
F Second Final Flow Pressure	96	P.S.I.		
G Final Closed-in Pressure	97	P.S.I.		
H Final Hydrostatic Mud	2342	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>22</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	0	95	0	95	0	96	
P 2	5	95	3	94	5	97	
P 3	10	95	6	94	10	94	
P 4	15	95	9	94	15	94	
P 5	20	95	12	94	20	95	
P 6	25	95	15	94	25	96	
P 7	30	95	18	94	30	96	
P 8			21	94			
P 9			24	95			
P 10			27	95			
P 11			30	95			
P 12			33	95			
P 13			36	95			
P 14			39	95			
P 15			42	95			
P 16			45	95			
P 17						48	
P 18						51	
P 19						54	
P 20						57	
						60	
						63	
						66	
						96	
						96	
						97	
						97	
						97	

PK # 13071

I



17

Company Mull Drilling Company, Inc. Lease & Well No. Einsel "J" #2
 Elevation ----- Formation Mississippi Effective Pay - Ft. Ticket No. 13822
 Date 10/26/81 Sec. 5 Twp. 27S Range 20W County Kiowa State Kansas
 Test Approved by M. Kidwell Western Representative Jeff Piotrowski

Formation Test No. 5 Interval Tested from 4747 ft. to 4887 ft. Total Depth 4887 ft.
 Packer Depth 4742 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4747 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4750 ft. Recorder Number 5673 Cap. 5400
 Bottom Recorder Depth (Outside) 4753 ft. Recorder Number 1565 Cap. 4900
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor BlueGoose Drlg. Rig #1 Drill Collar Length 180 I. D. 2.2 in.
 Mud Type monpac Viscosity 51 Weight Pipe Length - I. D. - in.
 Weight 9.3 Water Loss 16.4 cc. Drill Pipe Length 4547 I. D. 3.8 in.
 Chlorides 20,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length DC 120-20 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: Weak and decreasing blow on initial flow period. No blow on final flow period.

Recovered 130 ft. of mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 2:40 A.M. Time Started Off Bottom 5:25 P.M. Maximum Temperature 134°
 Initial Hydrostatic Pressure 2302 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 54 P.S.I. to (C) 65 P.S.I.
 Initial Closed In Period 45 Minutes (D) 1075 P.S.I.
 Final Flow Period 30 Minutes (E) 93 P.S.I. to (F) 103 P.S.I.
 Final Closed In Period 57 Minutes (G) 1119 P.S.I.
 Final Hydrostatic Pressure 2280 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 10/26/81 Recorder No. 5673 Capacity 5400 Test Ticket No. 13822
 Location 4750 Ft. Elevation -- Well Temperature 134 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2302	P.S.I.	2:40P	M
B First Initial Flow Pressure	54	P.S.I.	30	Mins. 30 Mins.
C First Final Flow Pressure	65	P.S.I.	45	Mins. 45 Mins.
D Initial Closed-in Pressure	1075	P.S.I.	30	Mins. 30 Mins.
E Second Initial Flow Pressure	93	P.S.I.	60	Mins. 57 Mins.
F Second Final Flow Pressure	103	P.S.I.		
G Final Closed-in Pressure	1119	P.S.I.		
H Final Hydrostatic Mud	2280	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In
Breakdown: 15 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 6 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 11 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	0	54	0	65	0	103
P 2	5	3	54	3	65	3	108
P 3	10	6	55	6	83	6	145
P 4	15	9	57	9	137	9	197
P 5	20	12	59	12	202	12	270
P 6	25	15	62	15	295	15	355
P 7	30	18	65	18	407	18	445
P 8		21		21	527	21	530
P 9		24		24	637	24	620
P10		27		27	732	27	694
P11		30		30	817	30	762
P12		33		33	888	33	827
P13		36		36	943	36	880
P14		39		39	997	39	926
P15		42		42	1037	42	972
P16		45		45	1075	45	1008
P17						48	1041
P18						51	1070
P19						54	1092
P20						57	1119

5673

DET 05

PKT # 13822
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