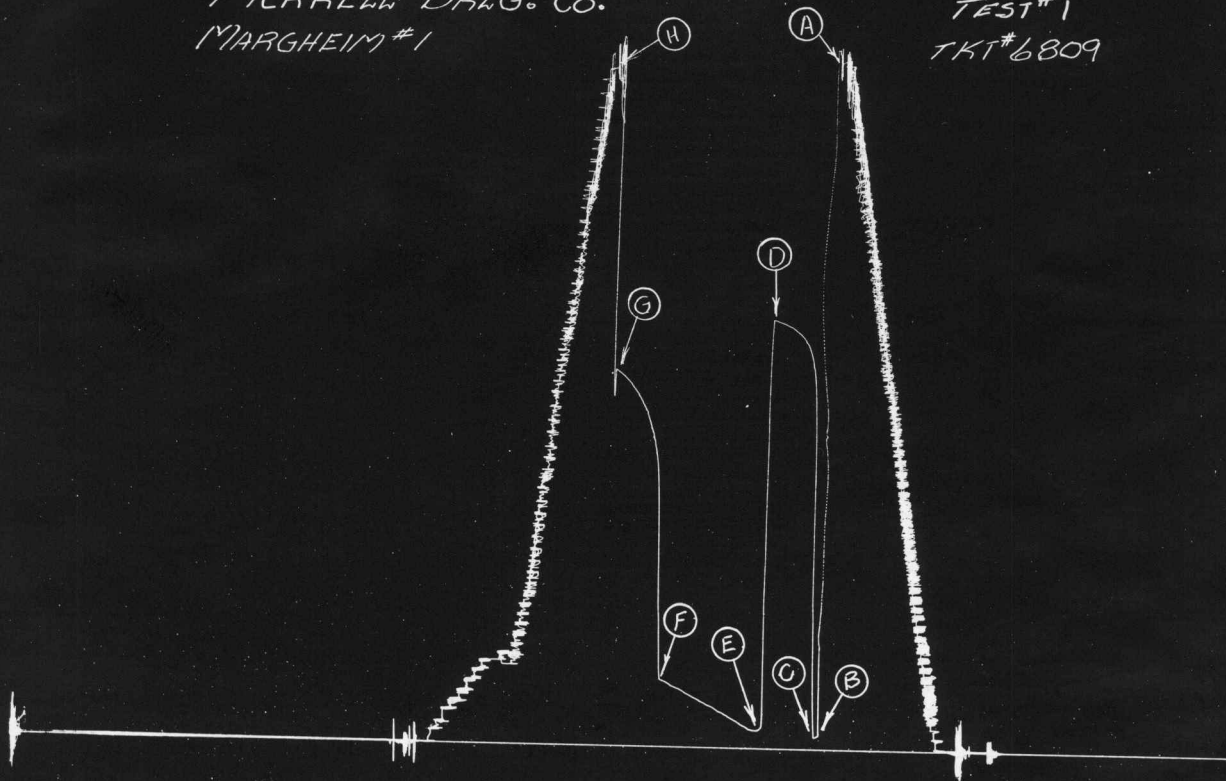
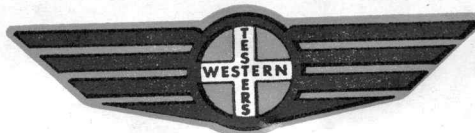


PICKRELL DRUG CO.
MARGHEIM #1

TEST #1
TKT#6809





Home Office: Great Bend, Kansas
P. O. Box 793 SWift 3-7903

Company Pickrell Drilling Company Lease & Well No. Margheim #1
Elevation 2160 Derrick Floor Formation Ft. Scott Ticket Number 6809
Date Dec. 9, 1965 Sec. 4 Twp. 19 Range 21 County Ness State Kansas
Test Approved by Dan Bowles Western Representative W. M. Nething

Formation Test No. 1 O.K. ☒ Misrun Interval Tested From 4156' to 4180' Total Depth 4180'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
Packer Depth 4156 Ft. Size 6 3/4 Packer Depth 4151 Ft. Size 6 3/4
Straddle Yes ☒ No Conv. B.T. Damaged Yes No
Packer Depth Ft. Size

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 24 Ft. Size 5 1/2 OD
RECORDERS Depth 4164 Ft. Clock No. 6896 Depth 4166 Ft. Clock No. 142
Top Make Amerada Cap. 3150 No. 1560 Inside Outside
Bottom Make Western Cap. 4000 No. 17 Inside Outside
Below Straddle: Depth Clock No. Inside Outside
Top Make Cap. No. Inside Outside
Bottom Make Cap. No. Inside Outside

Time Set Packer 11:20 A M
Tool Open I.F.P. From 11:23A M to 11:26A M Hr. 3 Min. From (B) 39 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 11:26A M. to 11:56 M. Hr. 30 Min. (D) 1358 P.S.I.
Tool Open F.F.P. From 11:56 M. to 12:56 M. Hr. 60 Min. From (E) 56 P.S.I. To (F) 214 P.S.I.
Tool Closed F.C.I.P. From 12:56A M. to 1:26 M. Hr. 30 Min. (G) 1191 P.S.I.
Initial Hydrostatic Pressure (A) 2203 P.S.I. Final Hydrostatic Pressure (H) 2203 P.S.I.

SURFACE	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u>3/8</u>		M.	
			M.	
			M.	

BLOW Good b low throughout test. Bottom Choke Size 3/4 In.
Did Well Flow Yes ☒ No Recovery Total Ft. 2160' gas in pipe; 420' gassy oil; (42° @ 80°) 180' muddy oil
Mud

Reversed Out Yes ☒ No Mud Type starch Viscosity 44 Weight 9.8 Maximum Temp. 114 °F
EXTRA EQUIPMENT: Dual Packers dual Safety Joint no Jars: Size no Make no Ser. No.
Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes
Length Drill Pipe 3069 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1067 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D.S.T. Tool 44 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

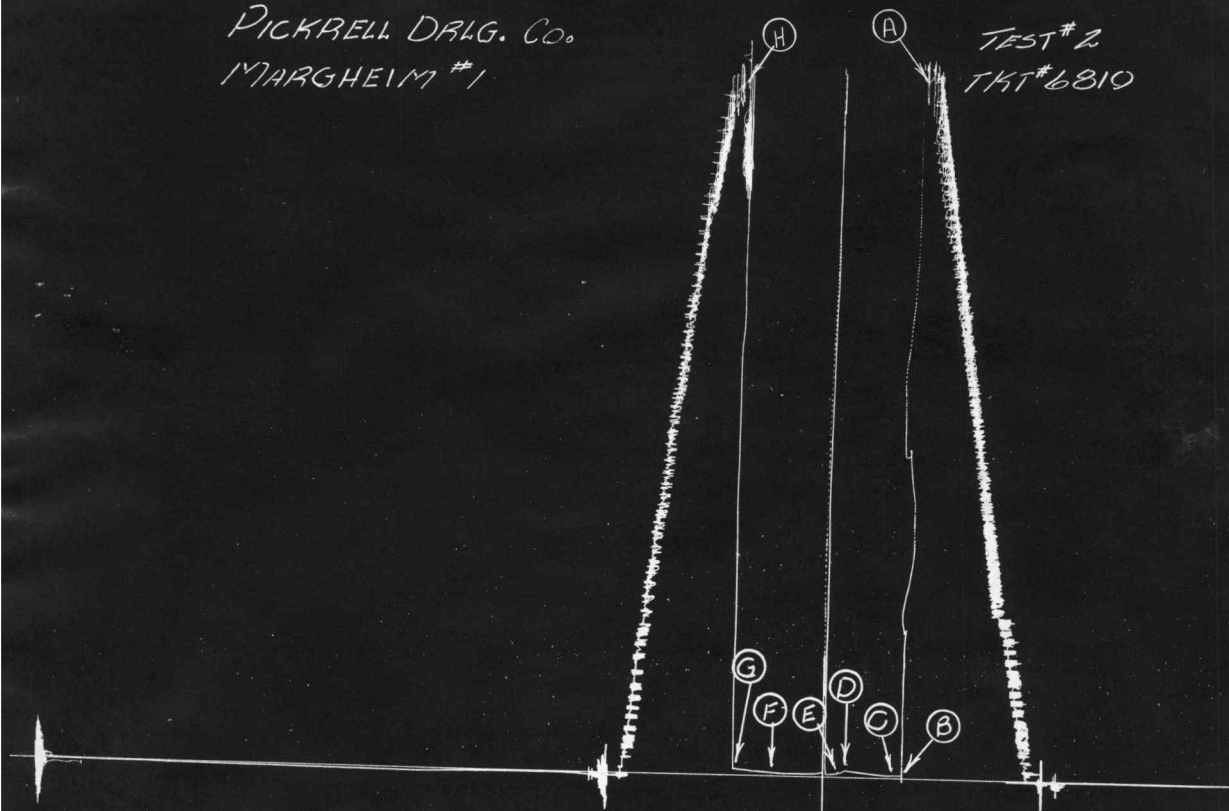
Date December 9, 1965 Test Ticket No. 6809
 Recorder No. 1560 Capacity 3150 Location 4164 Ft.
 Block No. 6896 Elevation 2160 Derrick Floor Well Temperature 114 °F
 Point Pressure
 Initial Hydrostatic Mud 2203 P.S.I. Opened Tool 11:20 A M
 First Initial Flow Pressure 39 P.S.I. First Flow Pressure 3 Mins. 3 Mins.
 First Final Flow Pressure 39 P.S.I. Initial Closed-in Pressure 30 Mins. 29 Mins.
 Initial Closed-in Pressure 1358 P.S.I. Second Flow Pressure 60 Mins. 60 Mins.
 Second Initial Flow Pressure 56 P.S.I. Final Closed-in Pressure 30 Mins. 30 Mins.
 Second Final Flow Pressure 214 P.S.I.
 Final Closed-in Pressure 1191 P.S.I.
 Final Hydrostatic Mud 2195 P.S.I.

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>10</u> Inc.	
of <u>3</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>2</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>39</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>214</u>
P 2 <u>3</u>	<u>39</u>	<u>3</u>	<u>1154</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>819</u>
P 3		<u>6</u>	<u>1251</u>	<u>10</u>	<u>69</u>	<u>6</u>	<u>967</u>
P 4		<u>9</u>	<u>1291</u>	<u>15</u>	<u>84</u>	<u>9</u>	<u>1028</u>
P 5		<u>12</u>	<u>1312</u>	<u>20</u>	<u>102</u>	<u>12</u>	<u>1067</u>
P 6		<u>15</u>	<u>1325</u>	<u>25</u>	<u>114</u>	<u>15</u>	<u>1102</u>
P 7		<u>18</u>	<u>1337</u>	<u>30</u>	<u>131</u>	<u>18</u>	<u>1129</u>
P 8		<u>21</u>	<u>1344</u>	<u>35</u>	<u>142</u>	<u>21</u>	<u>1151</u>
P 9		<u>24</u>	<u>1348</u>	<u>40</u>	<u>157</u>	<u>24</u>	<u>1169</u>
P10		<u>27</u>	<u>1355</u>	<u>45</u>	<u>172</u>	<u>27</u>	<u>1182</u>
P11		<u>29</u>	<u>1358</u>	<u>50</u>	<u>187</u>	<u>30</u>	<u>1191</u>
P12				<u>55</u>	<u>201</u>		
P13				<u>60</u>	<u>214</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

PICKRELL DRUG CO.
MARGHEIM #1

TEST #2
TKT #6819





Home Office: Great Bend, Kansas
P. O. Box 793 Swift 3-7903

Company Pickrell Drilling Company Lease & Well No. Margheim #1
Elevation 2160 Derrick Floor Formation Mississippi Ticket Number 6810
Date Dec. 10, 1965 Sec. 4 Twp. 19 Range 21 County Ness State Kansas
Test Approved by Dan Bowles Western Representative W. M. Nething

Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4244' to 4255' Total Depth 4255'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 4244 Ft. Size 6 3/4 Packer Depth 4239 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth Ft. Size

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 11 Ft. Size 5 1/2 OD

RECORDERS	Depth <u>4248</u> Ft.	Clock No. <u>6896</u>	Depth <u>4250</u> Ft.	Clock No. <u>142</u>
	Top Make <u>Amerada</u> Cap. <u>3150</u> No. <u>1560</u>	<u>Inside</u> <u>Outside</u>	Bottom Make <u>Western</u> Cap. <u>4000</u> No. <u>17</u>	<u>Inside</u> <u>Outside</u>
Below Straddle: Depth	Clock No.	<u>Inside</u> <u>Outside</u>	Depth	Clock No.
Top Make	Cap.	<u>Inside</u> <u>Outside</u>	Bottom Make	Cap.

Time Set Packer 10:40 A M
Tool Open I.F.P. From 10:43A M to 10:48 M Hr. 5 Min. From (B) 9 P.S.I. To (C) 9 P.S.I.
Tool Closed I.C.I.P. From 10:48A M to 11:18 M Hr. 30 Min. (D) 19 P.S.I.
Tool Open F.F.P. From 11:18A M. to 11:48 M. Hr. 30 Min. From (E) 7 P.S.I. To (F) 7 P.S.I.
Tool Closed F.C.I.P. From 11:48A M. to 12:18 M. Hr. 30 Min. (G) 20 P.S.I.
Initial Hydrostatic Pressure (A) 2232 P.S.I. Final Hydrostatic Pressure (H) 2221 P.S.I.

SURFACE	Size Choke <u>3/8</u> In.	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION			M.	
			M.	
			M.	

BLOW Weak blow 5 minutes. Flushed tool. Bottom Choke Size 3/4 In.
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 5' slightly oil cut mud

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 46 Weight 9.9 Maximum Temp. 112 °F
EXTRA EQUIPMENT: Dual Packers dual Safety Joint no Jars: Size no Make no Ser. No.
Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes
Length Drill Pipe 3157 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1067 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
I. D. Drill Collars in. Length D.S.T. Tool 31 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date December 10, 1965

Test Ticket No. 6810

Recorder No. 1560 Capacity 3150

Location 4248 Ft.

Clock No. 6896 Elevation 2160 Derrick Floor

Well Temperature 112 °F

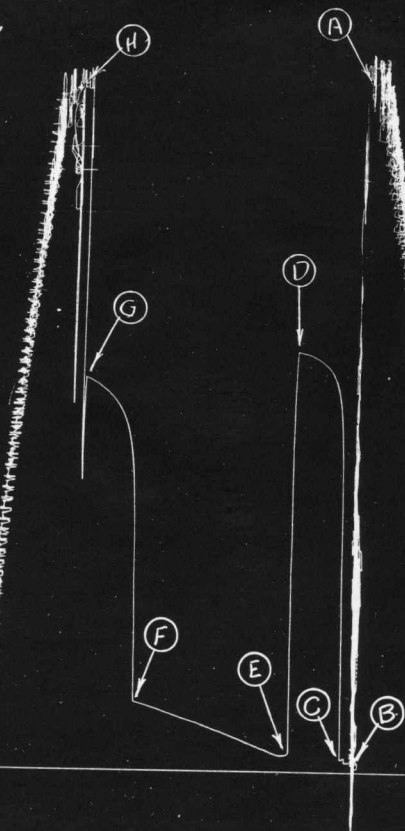
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2232</u> P.S.I.	<u>10:40A</u> M	
B First Initial Flow Pressure	<u>9</u> P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>9</u> P.S.I.	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>19</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>7</u> P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>7</u> P.S.I.		
G Final Closed-in Pressure	<u>20</u> P.S.I.		
H Final Hydrostatic Mud	<u>2221</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>9</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>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>9</u>	<u>0</u>	<u>9</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>7</u>
P 2 <u>5</u>	<u>9</u>	<u>3</u>	<u>9</u>	<u>5</u>	<u>7</u>	<u>3</u>	<u>8</u>
P 3		<u>6</u>	<u>10</u>	<u>10</u>	<u>7</u>	<u>6</u>	<u>10</u>
P 4		<u>9</u>	<u>11</u>	<u>15</u>	<u>7</u>	<u>9</u>	<u>11</u>
P 5		<u>12</u>	<u>12</u>	<u>20</u>	<u>7</u>	<u>12</u>	<u>13</u>
P 6		<u>15</u>	<u>14</u>	<u>25</u>	<u>7</u>	<u>15</u>	<u>14</u>
P 7		<u>18</u>	<u>15</u>	<u>30</u>	<u>7</u>	<u>18</u>	<u>15</u>
P 8		<u>21</u>	<u>17</u>			<u>21</u>	<u>17</u>
P 9		<u>24</u>	<u>18</u>			<u>24</u>	<u>18</u>
P10		<u>27</u>	<u>19</u>			<u>27</u>	<u>19</u>
P11						<u>29</u>	<u>20</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

PICKRELL DRUG. CO.
MARGHEIM #1

TEST # 3
TKT# 6811





Home Office: Great Bend, Kansas
P. O. Box 793 SWift 3-7903

Company Pickrell Drilling Company Lease & Well No. Margheim #1
Elevation 2160 Derrick Floor Formation Mississippi Ticket Number 6811
Date Dec. 10, 1965 Sec. 4 Twp. 19 Range 21 County Ness State Kansas
Test Approved by Dan Bowles Western Representative W. M. Nething

Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4255' to 4265' Total Depth 4265'
Size Main Hole 7 7/8 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No ☐
Packer Depth 4255 Ft. Size 6 3/4 Packer Depth 4250 Ft. Size 6 3/4
Straddle ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No ☐
Packer Depth Ft. Size

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 10 Ft. Size 5 1/2 OD
RECORDERS Depth 4259 Ft. Clock No. 6896 Depth 4261 Ft. Clock No. 142
Top Make Amerada Cap. 3150 No. 1560 ~~Inside~~ Outside Bottom Make Western Cap. 4000 No. 17 ~~Inside~~ Outside
Below Straddle: Depth Clock No. ~~Inside~~ Outside Depth Ft. Clock No. ~~Inside~~ Outside
Top Make Cap. No. ~~Inside~~ Outside Bottom Make Cap. No. ~~Inside~~ Outside

Time Set Packer 10:08 P M
Tool Open I.F.P. From 10:11P M to 10:16 M Hr. 5 Min. From (B) 29 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 10:16 M. to 10:46 M. Hr. 30 Min. (D) 1333 P.S.I.
Tool Open F.F.P. From 10:46P M. to 12:16AM Hr. 90 Min. From (E) 51 P.S.I. To (F) 221 P.S.I.
Tool Closed F.C.I.P. From 12:16M to 12:46M Hr. 30 Min. (G) 1245 P.S.I.
Initial Hydrostatic Pressure (A) 2209 P.S.I. Final Hydrostatic Pressure (H) 2195 P.S.I.

SURFACE	Size Choke	Max. Press. P.S.I.	Time	Description of Flow
INFORMATION	<u>3/8 In.</u>		<u>M.</u>	
			<u>M.</u>	
			<u>M.</u>	

BLOW Weak blow throughout test. Bottom Choke Size 3/4 In.

Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 480' slightly muddy salt water

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 44 Weight 9.7 Maximum Temp. 117 °F

EXTRA EQUIPMENT: Dual Packers dual Safety Joint no Jars: Size no Make Ser. No.

Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes

Length Drill Pipe 3168 I.D. Drill Pipe 3.8 in Length Weight Pipe 1067 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 30 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

are December 10, 1965 Test Ticket No. 6811

Recorder No. 1560 Capacity 3150 Location 4259 Ft.

Block No. 6896 Elevation 2160 Derrick Floor Well Temperature 117 °F

Point	Pressure	Time Given	Time Computed
Initial Hydrostatic Mud	<u>2209</u> P.S.I.	<u>10:08</u> PM	
First Initial Flow Pressure	<u>29</u> P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
First Final Flow Pressure	<u>39</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>1333</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
Second Initial Flow Pressure	<u>51</u> P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
Second Final Flow Pressure	<u>221</u> P.S.I.		
Final Closed-in Pressure	<u>1245</u> P.S.I.		
Final Hydrostatic Mud	<u>2195</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>11</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 ins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
1 <u>0</u>	<u>29</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>221</u>
2 <u>5</u>	<u>39</u>	<u>3</u>	<u>737</u>	<u>5</u>	<u>53</u>	<u>3</u>	<u>805</u>
3		<u>6</u>	<u>1178</u>	<u>10</u>	<u>58</u>	<u>6</u>	<u>1034</u>
4		<u>9</u>	<u>1247</u>	<u>15</u>	<u>70</u>	<u>9</u>	<u>1109</u>
5		<u>12</u>	<u>1278</u>	<u>20</u>	<u>83</u>	<u>12</u>	<u>1145</u>
6		<u>15</u>	<u>1296</u>	<u>25</u>	<u>94</u>	<u>15</u>	<u>1170</u>
7		<u>18</u>	<u>1307</u>	<u>30</u>	<u>103</u>	<u>18</u>	<u>1191</u>
8		<u>21</u>	<u>1317</u>	<u>35</u>	<u>114</u>	<u>21</u>	<u>1207</u>
9		<u>24</u>	<u>1323</u>	<u>40</u>	<u>125</u>	<u>24</u>	<u>1220</u>
0		<u>27</u>	<u>1329</u>	<u>45</u>	<u>135</u>	<u>27</u>	<u>1231</u>
1		<u>30</u>	<u>1333</u>	<u>50</u>	<u>146</u>	<u>30</u>	<u>1239</u>
2				<u>55</u>	<u>157</u>	<u>33</u>	<u>1245</u>
3				<u>60</u>	<u>165</u>		
4				<u>65</u>	<u>174</u>		
5				<u>70</u>	<u>184</u>		
6				<u>75</u>	<u>195</u>		
7				<u>80</u>	<u>204</u>		
8				<u>85</u>	<u>214</u>		
9				<u>90</u>	<u>221</u>		
0							