



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

Company Pickrell Drilling Company Lease & Well No. G1111g #B-1
Elevation 2286 Kelly Bushings Formation Mississippian Ticket Number 7622
Date June 8, 1966 Sec. 24 Twp. 19s Range 22w County Ness State Kansas
Test Approved by Ralph W. Ruwe Western Representative Dean Blagrove

Formation Test No. 1 O.K. ☐ Misrun ☒ Interval Tested From 4347' to 4400' Total Depth 4400'
Size Main Hole 7 7/8 Rat Hole none Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☒ B.T. ☐ Damaged ☒ Yes ☐ No
Packer Depth 4342 Ft. Size 6 3/4 Packer Depth 4347 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 53 Ft. Size 5 1/2 OD
RECORDERS Depth 4352 Ft. Clock No. 6892 Depth 4355 Ft. Clock No. 6774
Top Make Kuster Cap. 4150 No. 2606 Inside Bottom Make Kuster Cap. 4300 No. 1567 Inside
Below Straddle: Depth Clock No. Inside Outside
Top Make Cap. No. Inside Outside

Time Set Packer 6:33 P M
Tool Open I.F.P. From 6:35 M to 6:45 M Hr. 10 Min. From (B) 52 P.S.I. To (C) 52 P.S.I.
Tool Closed I.C.I.P. From 6:45 M. to 7:15 M. Hr. 30 Min. (D) 1264 P.S.I.
Tool Open F.F.P. From 7:15 M. to 7:45 M. Hr. 30 Min. From (E) 58 P.S.I. To (F) 72 P.S.I.
Tool Closed F.C.I.P. From 7:45 M. to 8:15 M. Hr. 30 Min. (G) FALSE P.S.I.
Initial Hydrostatic Pressure (A) 2392 P.S.I. Final Hydrostatic Pressure (H) 2353 P.S.I.

SURFACE Size Choke 1/4 In. Max. Press. P.S.I. Time Description of Flow
INFORMATION

BLOW Weak for ten minutes. (See remarks) Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No ☐ Recovery Total Ft. 180' drilling mud with few oil specks.

Mud
Reversed Out ☐ Yes ☒ No ☐ Mud Type starch Viscosity 43 Weight 10.0 Maximum Temp. 118 °F

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

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

Length Drill Pipe ft. I.D. Drill Pipe in Length Weight Pipe 1065 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars none ft.

I. D. Drill Collars in. Length D.S.T. Tool 71 ft.

Remarks Packer failed when attempted to flush.

WESTERN TESTING CO., INC.

Pressure Data

Date June 8, 1966 Recorder No. 2606 Capacity 4150 Test Ticket No. 7622
 Clock No. 6892 Elevation 2286 Kelly Bushings Location _____ Ft. 4352
 Well Temperature 118 °F

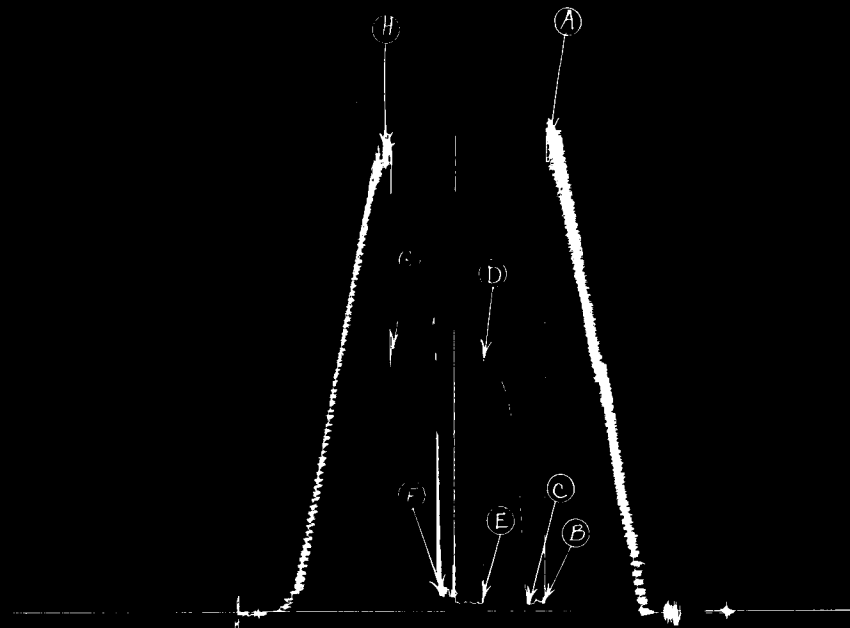
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	2392 P.S.I.	6:35 P	6:35 M
B First Initial Flow Pressure	52 P.S.I.	10 Mins.	10 Mins.
C First Final Flow Pressure	52 P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	1264 P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	58 P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	72 P.S.I.	30 Mins.	30 Mins.
G Final Closed-in Pressure	FALSE P.S.I.		
H Final Hydrostatic Mud	2353 P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u> </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> </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> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	52	<u>0</u>	52	<u>0</u>	58	FALSE	
P 2 <u>5</u>	52	<u>3</u>	224	<u>5</u>	58		
P 3 <u>10</u>	52	<u>6</u>	628	<u>10</u>	58		
P 4 _____		<u>9</u>	864	<u>15</u>	58		
P 5 _____		<u>12</u>	991	<u>20</u>	58		
P 6 _____		<u>15</u>	1093	<u>25</u>	72		
P 7 _____		<u>18</u>	1149	<u>30</u>	72		
P 8 _____		<u>21</u>	1196				
P 9 _____		<u>24</u>	1225				
P10 _____		<u>27</u>	1246				
P11 _____		<u>30</u>	1264				
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

Pickrel L Drilling Co.
 Bill B-1

T.K.T. # 7622
 Test # 1



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2392	PSI
(B) First Initial Flow Pressure	52	PSI
(C) First Final Flow Pressure	52	PSI
(D) Initial Closed-in Pressure	1264	PSI
(E) Second Initial Flow Pressure	58	PSI
(F) Second Final Flow Pressure	72	PSI
(G) Final Closed-in Pressure	FALSE	PSI
(H) Final Hydrostatic Mud	2353	PSI



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

Company Pickrell Drilling Company Lease & Well No. 61111g #B-1
Elevation 2286 Kelly Bushings Formation Mississippi Ticket Number 7623
Date June 9, 1966 Sec. 24 Twp. 19s Range 22w County Ness State Kansas
Test Approved by Ralph W. Runwa Western Representative Dean Blagrave

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 4395' to 4405' Total Depth 4405'
Size Main Hole 7 7/8 Rat Hole none Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____ Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No _____
Packer Depth 4390 Ft. Size 6 3/4 Packer Depth 4395 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 4399 Ft. Clock No. 6892 Depth 4402 Ft. Clock No. 6774
Top Make Kuster Cap. 4150 No. 2606 Inside _____ Outside _____ Bottom Make Kuster Cap. 4300 No. 1567 Inside _____ Outside _____
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 5:18 A _____ M
Tool Open I.F.P. From 5:20 M to 5:30 M Hr. 10 Min. From (B) _____ 33 P.S.I. To (C) _____ 41 P.S.I.
Tool Closed I.C.I.P. From 5:30 M. to 6:00 M. Hr. 30 Min. (D) _____ 1313 P.S.I.
Tool Open F.F.P. From 6:00A M. to 8:00AM 2 Hr. _____ Min. From (E) _____ 43 P.S.I. To (F) _____ 81 P.S.I.
Tool Closed F.C.I.P. From 8:00 M. to 8:30 M. Hr. 30 Min. (G) _____ 1126 P.S.I.
Initial Hydrostatic Pressure (A) 2384 P.S.I. Final Hydrostatic Pressure (H) 2369 P.S.I.

SURFACE Size Choke 1/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Weak blow throughout. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 60' clean oil; 30' very heavy oil cut mud; 60' oil cut mud; 350' gas in pipe. Mud _____

Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 43 Weight 10.0 Maximum Temp. 118 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no ars: Size no Make _____ Ser. No. _____

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

Length Drill Pipe _____ ft. I.D. Drill Pipe _____ in Length Weight Pipe 1035 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars none ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 28 ft.

Remarks _____

WESTERN TESTING CO., INC. **Pressure Data**

Date June 9, 1966 Test Ticket No. 7623
 Recorder No. 2606 Capacity 4150 Location 4399 Ft.
 Clock No. 6892 Elevation 2286 Kelly Bushings Well Temperature 118 °F

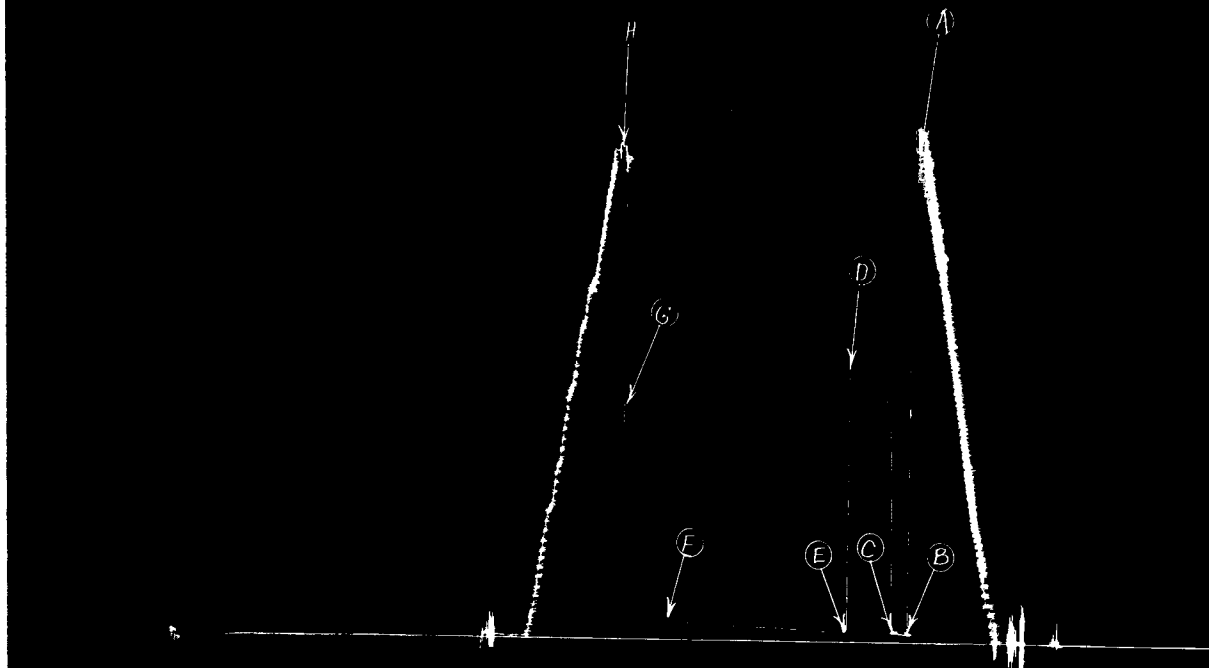
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2384</u> P.S.I.	Opened Tool	<u>5:20 A</u> _M	<u>5:20 A</u> _M
B First Initial Flow Pressure	<u>33</u> P.S.I.	First Flow Pressure	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>41</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>31</u> Mins.
D Initial Closed-in Pressure	<u>1313</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>118</u> Mins.
E Second Initial Flow Pressure	<u>43</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>31</u> Mins.
F Second Final Flow Pressure	<u>81</u> P.S.I.			
G Final Closed-in Pressure	<u>1126</u> P.S.I.			
H Final Hydrostatic Mud	<u>2369</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>2</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>23</u> Inc.		Breakdown: <u>10</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>1</u> Min.		final inc. of <u>3</u> Min.		final inc. of <u>1</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>33</u>	<u>0</u>	<u>41</u>	<u>0</u>	<u>43</u>	<u>0</u>	<u>81</u>
P 2 <u>5</u>	<u>37</u>	<u>3</u>	<u>769</u>	<u>5</u>	<u>43</u>	<u>3</u>	<u>120</u>
P 3 <u>10</u>	<u>41</u>	<u>6</u>	<u>1132</u>	<u>10</u>	<u>45</u>	<u>6</u>	<u>224</u>
P 4		<u>9</u>	<u>1211</u>	<u>15</u>	<u>48</u>	<u>9</u>	<u>564</u>
P 5		<u>12</u>	<u>1242</u>	<u>20</u>	<u>50</u>	<u>12</u>	<u>873</u>
P 6		<u>15</u>	<u>1267</u>	<u>25</u>	<u>52</u>	<u>15</u>	<u>964</u>
P 7		<u>18</u>	<u>1281</u>	<u>30</u>	<u>54</u>	<u>18</u>	<u>1024</u>
P 8		<u>21</u>	<u>1292</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>1055</u>
P 9		<u>24</u>	<u>1300</u>	<u>40</u>	<u>58</u>	<u>24</u>	<u>1085</u>
P 9		<u>27</u>	<u>1306</u>	<u>45</u>	<u>60</u>	<u>27</u>	<u>1105</u>
P 10		<u>30</u>	<u>1311</u>	<u>50</u>	<u>62</u>	<u>30</u>	<u>1122</u>
P 11		<u>31</u>	<u>1313</u>	<u>55</u>	<u>63</u>	<u>31</u>	<u>1126</u>
P 11				<u>60</u>	<u>64</u>		
P 12				<u>65</u>	<u>66</u>		
P 13				<u>70</u>	<u>68</u>		
P 14				<u>75</u>	<u>69</u>		
P 15				<u>80</u>	<u>70</u>		
P 16				<u>85</u>	<u>72</u>		
P 17				<u>90</u>	<u>73</u>		
P 18				<u>95</u>	<u>74</u>		
P 19				<u>100</u>	<u>76</u>		
P 20				<u>105</u>	<u>78</u>		
				<u>110</u>	<u>80</u>		
				<u>115</u>	<u>81</u>		
				<u>118</u>	<u>81</u>		

Pickrell DrLg Co
Gilling "B"-1

T.K.T. # 7623
Test "A"



This is an actual photograph of recorder chart.

POINT	PRESSURE
(A) Initial Hydrostatic Mud	2384 PSI
(B) First Initial Flow Pressure	33 PSI
(C) First Final Flow Pressure	41 PSI
(D) Initial Closed-in Pressure	1313 PSI
(E) Second Initial Flow Pressure	43 PSI
(F) Second Final Flow Pressure	81 PSI
(G) Final Closed-in Pressure	1126 PSI
(H) Final Hydrostatic Mud	2369 PSI

15-135-30203



24-195-22w

Home Office: Great Bend, Kansas

P. O. Box 793

Swift 3-7903

Pickrell Drilling Company

Company Pickrell Drilling Company Lease & Well No. G1111g #B-1
 Elevation 2286 Kelly Bushings Formation Mississippi Ticket Number 7624
 Date June 9, 1966 Sec. 24 Twp. 19s Range 22w County Ness State Kansas
 Test Approved by Ralph W. Runwe Western Representative Dean Blagrave

Formation Test No. 3 O.K. ☒ Misrun Interval Tested From 4405' to 4410' Total Depth 4410'
 Size Main Hole 7 7/8 Rat Hole none Conv. ☒ B.T. Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
 Packer Depth 4400 Ft. Size 6 3/4 Packer Depth 4405 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 5 Ft. Size 5 1/2 OD
 RECORDERS Depth 4394 Ft. Clock No. 6892 Depth 4407 Ft. Clock No. 6774
 Top Make Kuster Cap. 4150 No. 2606 Inside none Bottom Make Kuster Cap. 4300 No. 1567 none Outside
 Below Straddle: Depth Clock No. Inside Outside Depth Ft. Clock No. Inside Outside
 Top Make Cap. No. Outside Bottom Make Cap. No. Outside

Time Set Packer 6:13 P M
 Tool Open I.F.P. From 6:15 M to 6:25 M Hr. 10 Min. From (B) 43 P.S.I. To (C) 49 P.S.I.
 Tool Closed I.C.I.P. From 6:25 M to 6:55 M Hr. 30 Min. (D) 1367 P.S.I.
 Tool Open F.F.P. From 6:55 M to 8:25 M 1 Hr. 30 Min. From (E) 64 P.S.I. To (F) 170 P.S.I.
 Tool Closed F.C.I.P. From 8:25 M to 8:55 M Hr. 30 Min. (G) 1323 P.S.I.
 Initial Hydrostatic Pressure (A) 2394 P.S.I. Final Hydrostatic Pressure (H) 2386 P.S.I.

SURFACE Size Choke 1/4 In. Max. Press. P.S.I. Time Description of Flow
 INFORMATION _____ M. _____
 _____ M. _____
 _____ M. _____

BLOW Weak increasing to strong. Bottom Choke Size 3/4 In.
 Did Well Flow Yes ☒ No Recovery Total Ft. 310' clean oil; 90' muddy oil; 300' gas in pipe

Reversed Out Yes ☒ No Mud Type starch Viscosity 46 Weight 10.0 Maximum Temp. 121 °F
 EXTRA EQUIPMENT: Dual Packers yes 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 _____ ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1035 ft. I.D. Weight Pipe 2.7 in Length Drill Collars none ft.
 I. D. Drill Collars _____ in Length D.S.T. Tool 28 ft.

Remarks SP Gravity 390 Corrected.

WESTERN TESTING CO., INC.

Pressure Data

Date June 9, 1966 Recorder No. 2606 Capacity 4150 Test Ticket No. 7624
 Clock No. 6892 Elevation 2286 Kelly Bushings Location 4394 Ft. 121
 Well Temperature 121 °F

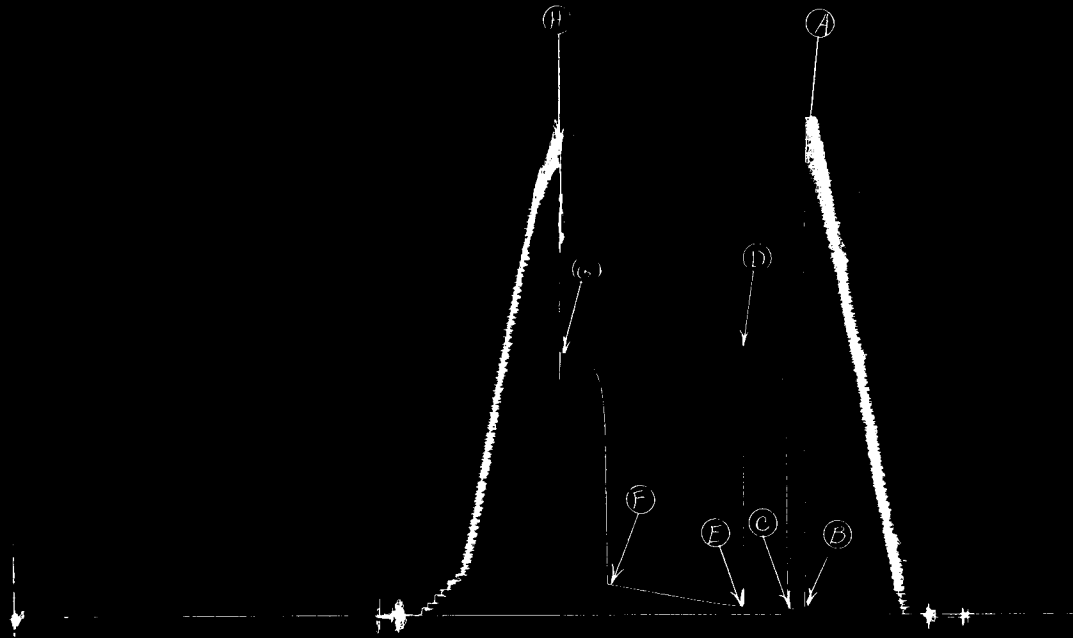
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2394</u> P.S.I.	<u>6:15 P</u> M	<u>6:15 P</u>
B First Initial Flow Pressure	<u>43</u> P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>49</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1367</u> P.S.I.	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>64</u> P.S.I.	<u>30</u> Mins.	<u>32</u> Mins.
F Second Final Flow Pressure	<u>170</u> P.S.I.		
G Final Closed-in Pressure	<u>1323</u> P.S.I.		
H Final Hydrostatic Mud	<u>2386</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>43</u>	<u>0</u>	<u>49</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>170</u>
P 2 <u>5</u>	<u>45</u>	<u>3</u>	<u>864</u>	<u>5</u>	<u>64</u>	<u>3</u>	<u>779</u>
P 3 <u>10</u>	<u>49</u>	<u>6</u>	<u>1196</u>	<u>10</u>	<u>69</u>	<u>6</u>	<u>1159</u>
P 4		<u>9</u>	<u>1263</u>	<u>15</u>	<u>73</u>	<u>9</u>	<u>1231</u>
P 5		<u>12</u>	<u>1300</u>	<u>20</u>	<u>79</u>	<u>12</u>	<u>1262</u>
P 6		<u>15</u>	<u>1317</u>	<u>25</u>	<u>83</u>	<u>15</u>	<u>1281</u>
P 7		<u>18</u>	<u>1327</u>	<u>30</u>	<u>89</u>	<u>18</u>	<u>1296</u>
P 8		<u>21</u>	<u>1336</u>	<u>35</u>	<u>95</u>	<u>21</u>	<u>1304</u>
P 9		<u>24</u>	<u>1340</u>	<u>40</u>	<u>101</u>	<u>24</u>	<u>1311</u>
P10		<u>27</u>	<u>1344</u>	<u>45</u>	<u>110</u>	<u>27</u>	<u>1316</u>
P11		<u>30</u>	<u>1367</u>	<u>50</u>	<u>118</u>	<u>30</u>	<u>1321</u>
P12				<u>55</u>	<u>123</u>	<u>32</u>	<u>1323</u>
P13				<u>60</u>	<u>129</u>		
P14				<u>65</u>	<u>137</u>		
P15				<u>70</u>	<u>143</u>		
P16				<u>75</u>	<u>151</u>		
P17				<u>80</u>	<u>158</u>		
P18				<u>85</u>	<u>164</u>		
P19				<u>90</u>	<u>170</u>		
P20							

Pickrell Drilling Co.
Gilling B-1

T.K.T. # 1624
Test # 3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	2394	
(A) Initial Hydrostatic Mud	43	PSI
(B) First Initial Flow Pressure	49	PSI
(C) First Final Flow Pressure	1367	PSI
(D) Initial Closed-in Pressure	64	PSI
(E) Second Initial Flow Pressure	170	PSI
(F) Second Final Flow Pressure	1323	PSI
(G) Final Closed-in Pressure		PSI
(H) Final Hydrostatic Mud	2386	PSI