

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

Company Pickrell Drilling Company Lease & Well No. Becker #B-1
Elevation 2536 Kelly Bushings Formation Toronto Ticket Number 7594
Date May 21, 1967 Sec. 34 Twp. 15s Range 27w County Gove State Kansas
Test Approved by Ralph W. Ruwe Western Representative Gerrell Veatch

Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3744' to 3771' Total Depth 3771'

Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No

Top Packer Depth 3740 Ft. Size 6 3/4 Packer Depth 3744 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		27	Ft. Size
Size		5 1/2 OD	
RECORDERS	Depth	3763	Ft. Clock No.
	6895	Depth	3767
	6895	Clock No.	8376
Top Make	Kuster	Cap.	4150
	No.	2607	Inside
	2607	Bottom Make	Kuster
	2607	Cap.	4150
	2607	No.	969
	2607	Inside	969
Below Straddle: Depth		Clock No.	Inside
		Depth	Ft. Clock No.
		Depth	Ft. Clock No.
Top Make		Cap.	
		No.	
		Inside	
		Bottom Make	
		Cap.	
		No.	
		Inside	
		Outside	

Time Set Packer. 2:27 A M

Tool Open I.F.P. From 2:30 M to 2:40 M Hr. 10 Min. From (B) 13 P.S.I. To (C) 25 P.S.I.

Tool Closed I.C.I.P. From 2:40 M. to 3:10 M. Hr. 30 Min. (D) 1247 P.S.I.

Tool Open F.F.P. From 3:10 M. to 5:10 M. 2 Hr. Min. From (E) 46 P.S.I. To (F) 129 P.S.I.

Tool Closed F.C.I.P. From 5:10 M. to 6:10 A M. 1 Hr. Min. (G) 1224 P.S.I.

Initial Hydrostatic Pressure (A) 1989 P.S.I. Final Hydrostatic Pressure (H) 1972 P.S.I.

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

BLOW Weak increasing to strong Bottom Choke Size 3/4 In.
Did Well Flow Yes ☒ No Recovery Total Ft. 270' very heavy oil cut mud; 40% oil

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 _____ Make _____ Ser. No. _____

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

Length Drill Pipe 2674 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool _____ **47** ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date May 21, 1967 Test Ticket No. 7594
 Recorder No. 2607 Capacity 4150 Location 3763 Ft.
 Clock No. 6895 Elevation 2536 Kelly Bushings Well Temperature 118 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1989</u> P.S.I.	<u>2:30</u> A M	
B First Initial Flow Pressure	<u>13</u> P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>25</u> P.S.I.	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>1247</u> P.S.I.	<u>120</u> Mins.	<u>115</u> Mins.
E Second Initial Flow Pressure	<u>46</u> P.S.I.	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>129</u> P.S.I.		
G Final Closed-in Pressure	<u>1224</u> P.S.I.		
H Final Hydrostatic Mud	<u>1972</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 2 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In

Breakdown: 9 Inc.
 of 3 mins. and a
 final inc. of 2 Min.

Second Flow Pressure

Breakdown: 2 3 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

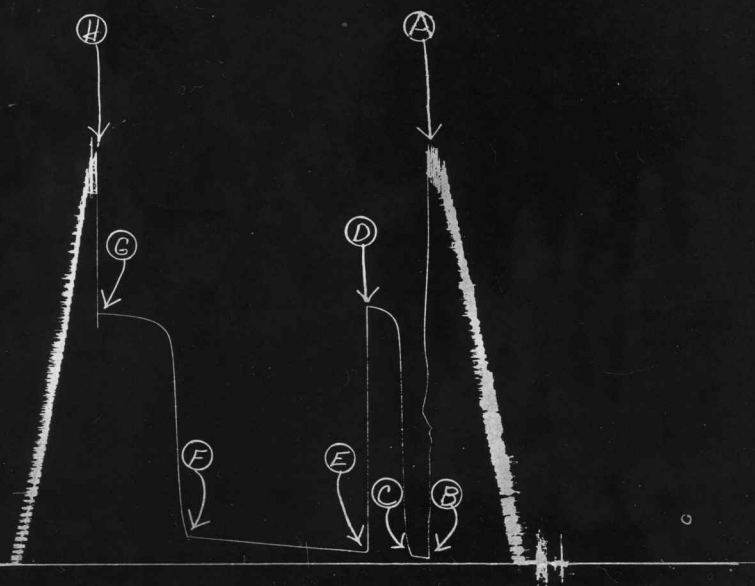
Final Shut-In

Breakdown: 19 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>13</u>	<u>0</u>	<u>25</u>	<u>0</u>	<u>46</u>	<u>0</u>	<u>129</u>
P 2 <u>5</u>	<u>10</u>	<u>3</u>	<u>0</u>	<u>5</u>	<u>47</u>	<u>3</u>	<u>243</u>
P 3 <u>10</u>	<u>25</u>	<u>6</u>	<u>476</u>	<u>10</u>	<u>50</u>	<u>6</u>	<u>558</u>
P 4		<u>9</u>	<u>1113</u>	<u>15</u>	<u>53</u>	<u>9</u>	<u>987</u>
P 5		<u>12</u>	<u>1177</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>1113</u>
P 6		<u>15</u>	<u>1202</u>	<u>25</u>	<u>59</u>	<u>15</u>	<u>1140</u>
P 7		<u>18</u>	<u>1221</u>	<u>30</u>	<u>63</u>	<u>18</u>	<u>1165</u>
P 8		<u>21</u>	<u>1232</u>	<u>35</u>	<u>67</u>	<u>21</u>	<u>1177</u>
P 9		<u>24</u>	<u>1238</u>	<u>40</u>	<u>70</u>	<u>24</u>	<u>1186</u>
P 10		<u>27</u>	<u>1244</u>	<u>45</u>	<u>74</u>	<u>27</u>	<u>1194</u>
P 11		<u>29</u>	<u>1247</u>	<u>50</u>	<u>78</u>	<u>30</u>	<u>1198</u>
P 12				<u>55</u>	<u>82</u>	<u>33</u>	<u>1202</u>
P 13				<u>60</u>	<u>86</u>	<u>36</u>	<u>1207</u>
P 14				<u>65</u>	<u>88</u>	<u>39</u>	<u>1211</u>
P 15				<u>70</u>	<u>92</u>	<u>42</u>	<u>1214</u>
P 16				<u>75</u>	<u>96</u>	<u>45</u>	<u>1217</u>
P 17				<u>80</u>	<u>101</u>	<u>48</u>	<u>1219</u>
P 18				<u>85</u>	<u>105</u>	<u>51</u>	<u>1221</u>
P 19				<u>90</u>	<u>109</u>	<u>54</u>	<u>1223</u>
P 20				<u>95</u>	<u>113</u>	<u>57</u>	<u>1224</u>
				<u>100</u>	<u>117</u>		
				<u>105</u>	<u>121</u>		
				<u>110</u>	<u>124</u>		
				<u>115</u>	<u>129</u>		

Pickrell Drilling Co.
Becker B-1

TKT-7544
Test #1



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	1989	PSI
(B) First Initial Flow Pressure	13	PSI
(C) First Final Flow Pressure	25	PSI
(D) Initial Closed-in Pressure	1247	PSI
(E) Second Initial Flow Pressure	46	PSI
(F) Second Final Flow Pressure	129	PSI
(G) Final Closed-in Pressure	1224	PSI
(H) Final Hydrostatic Mud	1972	PSI

COMPANY

PICKRELL DRILLING COMPANY

LEASE AND WELL NO.

BECKER #B-1

SEC.

34

TWP.

15S

RGE.

27W

TEST NO.

1

DATE

5-21-67



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

Company **Pickrell Drilling Company** Lease & Well No. **Becker #B-1**
Elevation **2536 Kelly Bushings** Formation **Kansas City** Ticket Number **7595**
Date **May 22, 1967** Sec. **34** Twp. **15s** Range **27w** County **Gove** State **Kansas**
Test Approved by **Ralph W. Ruwwe** Western Representative **Gerrell Veatch**

Formation Test No. **2** O.K. ☒ Misrun Interval Tested From **3851'** to **3870'** Total Depth **3870'**
Size Main Hole **7 7/8** Rat Hole Conv. ☒ B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. ☒ Damaged Yes ☒ No
Top Packer Depth **3847** Ft. Size **6 3/4** Packer Depth **3851** Ft. Size **6 3/4**
Straddle Yes ☒ No Conv. ☒ B.T. ☒ Damaged Yes ☒ No

Tool Size **5 1/2 OD** Tool Jt. Size **4 1/2 FH** Anchor Length **1 9** Ft. Size **5 1/2 OD**
RECORDERS Depth **3861** Ft. Clock No. **6895** Depth **3865** Ft. Clock No. **8376**
Top Make **Kuster** Cap. **4150** No. **2607** Inside ☒ Outside ☒ Bottom Make **Kuster** Cap. **4150** No. **969** 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 **1:17 A** M
Tool Open I.F.P. From **1:20** M to **1:30** M Hr. **10** Min. From (B) **8** P.S.I. To (C) **8** P.S.I.
Tool Closed I.C.I.P. From **1:30** M. to **2:00** M. Hr. **30** Min. (D) **1266** P.S.I.
Tool Open F.F.P. From **2:00** M. to **4:00** M. **2** Hr. Min. From (E) **27** P.S.I. To (F) **96** P.S.I.
Tool Closed F.C.I.P. From **4:00** M. to **5:00A** M. **1** Hr. Min. (G) **1241** P.S.I.
Initial Hydrostatic Pressure (A) **2029** P.S.I. Final Hydrostatic Pressure (H) **2004** P.S.I.

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

BLOW **Weak throughout test.** Bottom Choke Size **3/4** In.
Did Well Flow Yes ☒ No Recovery Total Ft. **200' muddy water with scum oil on top**

Reversed Out Yes ☒ No Mud Type **starch** Viscosity **44** Weight **9.5** Maximum Temp. **123** °F

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

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

Length Drill Pipe **2731** ft. I.D. Drill Pipe **3.8** in Length Weight Pipe **1050** ft. I.D. Weight Pipe **2.7** in Length Drill Collars ft.

I. D. Drill Collars in Length D.S.T. Tool **39** ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date May 22, 1967

Recorder No. 2607

Capacity 4150

Test Ticket No. 7595

Clock No. 6895

Elevation 2536 Kelly Bushings

Location 3861 Ft.

Well Temperature 123 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2029</u>	P.S.I.
B First Initial Flow Pressure	<u>8</u>	P.S.I.
C First Final Flow Pressure	<u>8</u>	P.S.I.
D Initial Closed-in Pressure	<u>1266</u>	P.S.I.
E Second Initial Flow Pressure	<u>27</u>	P.S.I.
F Second Final Flow Pressure	<u>96</u>	P.S.I.
G Final Closed-in Pressure	<u>1241</u>	P.S.I.
H Final Hydrostatic Mud	<u>2004</u>	P.S.I.

Opened Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Time
Given

1:17 A M

Time
Computed

10 Mins. 10 Mins.

30 Mins. 30 Mins.

120 Mins. 117 Mins.

60 Mins. 57 Mins.

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 2 Inc.
of 5 mins. and a
final inc. of = Min.

Initial Shut-In

Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure

Breakdown: 2 3 Inc.
of 5 mins. and a
final inc. of 2 Min.

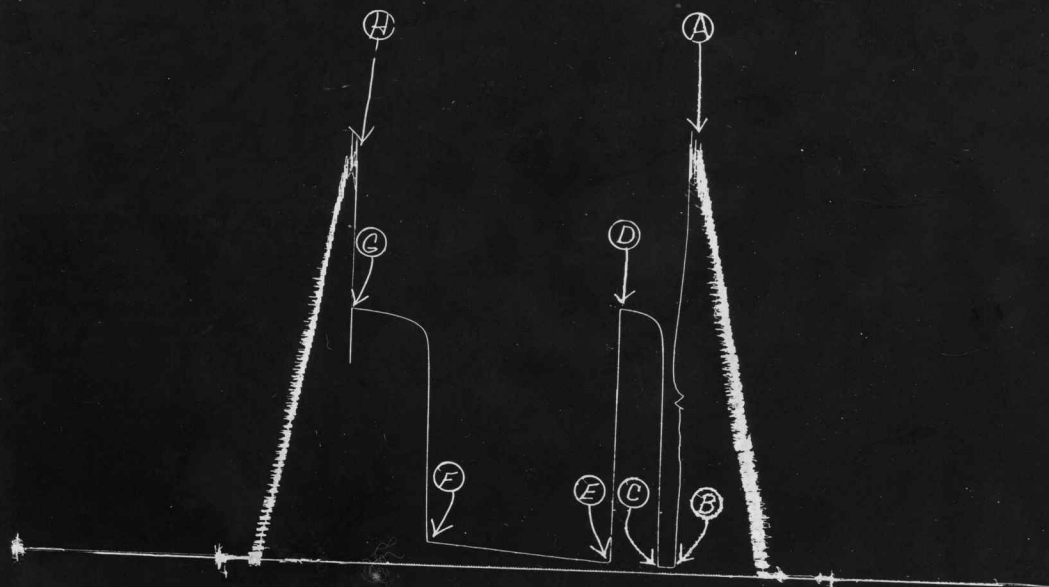
Final Shut-In

Breakdown: 19 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>8</u>	<u>0</u>	<u>8</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>96</u>
P 2 <u>5</u>	<u>8</u>	<u>3</u>	<u>1133</u>	<u>5</u>	<u>27</u>	<u>3</u>	<u>751</u>
P 3 <u>10</u>	<u>8</u>	<u>6</u>	<u>1202</u>	<u>10</u>	<u>29</u>	<u>6</u>	<u>1125</u>
P 4		<u>9</u>	<u>1227</u>	<u>15</u>	<u>32</u>	<u>9</u>	<u>1156</u>
P 5		<u>12</u>	<u>1238</u>	<u>20</u>	<u>35</u>	<u>12</u>	<u>1171</u>
P 6		<u>15</u>	<u>1248</u>	<u>25</u>	<u>37</u>	<u>15</u>	<u>1181</u>
P 7		<u>18</u>	<u>1253</u>	<u>30</u>	<u>40</u>	<u>18</u>	<u>1190</u>
P 7		<u>21</u>	<u>1259</u>	<u>35</u>	<u>44</u>	<u>21</u>	<u>1200</u>
P 8		<u>24</u>	<u>1261</u>	<u>40</u>	<u>48</u>	<u>24</u>	<u>1204</u>
P 8		<u>27</u>	<u>1263</u>	<u>45</u>	<u>52</u>	<u>27</u>	<u>1211</u>
P 9		<u>30</u>	<u>1266</u>	<u>50</u>	<u>54</u>	<u>30</u>	<u>1215</u>
P10				<u>55</u>	<u>56</u>	<u>33</u>	<u>1218</u>
P11				<u>60</u>	<u>59</u>	<u>36</u>	<u>1221</u>
P12				<u>65</u>	<u>63</u>	<u>39</u>	<u>1224</u>
P13				<u>70</u>	<u>67</u>	<u>42</u>	<u>1227</u>
P14				<u>75</u>	<u>72</u>	<u>45</u>	<u>1230</u>
P15				<u>80</u>	<u>76</u>	<u>48</u>	<u>1233</u>
P16				<u>85</u>	<u>80</u>	<u>51</u>	<u>1236</u>
P17				<u>90</u>	<u>84</u>	<u>54</u>	<u>1239</u>
P18				<u>95</u>	<u>87</u>	<u>57</u>	<u>1241</u>
P19				<u>100</u>	<u>89</u>		
P20				<u>105</u>	<u>91</u>		
				<u>110</u>	<u>93</u>		
				<u>115</u>	<u>95</u>		
				<u>117</u>	<u>96</u>		

Pickrell Drlg Co.
Becker #B-1

TKT-7595
Test #2



This is an actual photograph of recorder chart.

POINT

PRESSURE

(A) Initial Hydrostatic Mud	2029	PSI
(B) First Initial Flow Pressure	8	PSI
(C) First Final Flow Pressure	8	PSI
(D) Initial Closed-in Pressure	1266	PSI
(E) Second Initial Flow Pressure	27	PSI
(F) Second Final Flow Pressure	96	PSI
(G) Final Closed-in Pressure	1241	PSI
(H) Final Hydrostatic Mud	2004	PSI



TIGHT HOLE

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

Company **Pickrell Drilling Company** Lease & Well No. **Becker #B-1**
Elevation **2536 Kelly Bushings** Formation **Kansas City** Ticket Number **7596**
Date **May 22, 1967** Sec. **34** Twp. **15W** Range **27S** County **Gove** State **Kansas**
Test Approved by **Ralph W. Ruwwe** Western Representative **Gerrell Veatch**

Formation Test No. **3** O.K. ☒ Misrun Interval Tested From **3926'** to **3950'** Total Depth **3950'**
Size Main Hole **7 7/8** Rat Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
Top Packer Depth **3922** Ft. Size **6 3/4** Packer Depth **3926** 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 **3941** Ft. Clock No. **6895** Depth **3945** Ft. Clock No. **8376**
Top Make **Kuster** Cap. **4150** No. **2607** Inside **Outside** Bottom Make **Kuster** Cap. **4150** No. **969** 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 **10:05 P** M
Tool Open I.F.P. From **10:07** M to **10:15** M Hr. **8** Min. From (B) **19** P.S.I. To (C) **26** P.S.I.
Tool Closed I.C.I.P. From **10:15** M. to **10:45** M. Hr. **30** Min. (D) **1269** P.S.I.
Tool Open F.F.P. From **10:45P** M. to **12:45** M. **2** Hr. Min. From (E) **42** P.S.I. To (F) **157** P.S.I.
Tool Closed F.C.I.P. From **12:45** M. to **1:45** M. **1** Hr. Min. (G) **1206** P.S.I.
Initial Hydrostatic Pressure (A) **2043** P.S.I. Final Hydrostatic Pressure (H) **2040** P.S.I.

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

BLOW **Weak increasing to fair.** Bottom Choke Size **3/4** In.
Did Well Flow Yes ☒ No Recovery Total Ft. **310' muddy salt water with spots oil on top**

Reversed Out Yes ☒ No Mud Type **starch** Viscosity **50** Weight **9.8** Maximum Temp. **123** °F
EXTRA EQUIPMENT: Dual Packers **yes** 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 **2856** ft. I.D. Drill Pipe **3.8** in Length Weight Pipe **1050** 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 **Flushed tool.**

WESTERN TESTING CO., INC.

Pressure Data

Date **May 22, 1967**

7596

Recorder No. **2607**

Capacity **4150**

Test Ticket No. _____

Clock No. **6895**

Elevation **2536 Kelly Bushings**

Location **3941** Ft.

Well Temperature **123** °F

Point	Pressure
A Initial Hydrostatic Mud	2043 P.S.I.
B First Initial Flow Pressure	19 P.S.I.
C First Final Flow Pressure	26 P.S.I.
D Initial Closed-in Pressure	1269 P.S.I.
E Second Initial Flow Pressure	42 P.S.I.
F Second Final Flow Pressure	157 P.S.I.
G Final Closed-in Pressure	1206 P.S.I.
H Final Hydrostatic Mud	2040 P.S.I.

	Time Given	Time Computed
Opened Tool	10:05P M	
First Flow Pressure	8 Mins.	8 Mins.
Initial Closed-in Pressure	30 Mins.	29 Mins.
Second Flow Pressure	120 Mins.	110 Mins.
Final Closed-in Pressure	60 Mins.	57 Mins.

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: **1** Inc.
of **5** mins. and a
final inc. of **3** Min.

Initial Shut-In

Breakdown: **9** Inc.
of **3** mins. and a
final inc. of **2** Min.

Second Flow Pressure

Breakdown: **2** Inc. **2**
of **5** mins. and a
final inc. of **0** Min.

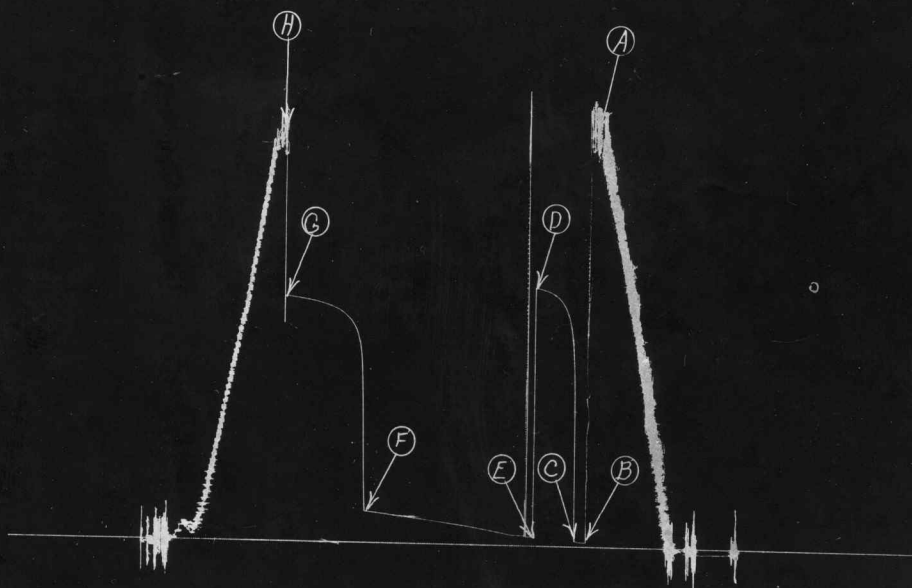
Final Shut-In

Breakdown **19** 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	19	0	26	0	42	0	157
P 2 5	22	3	837	5	Flushed tool	3	927
P 3 8	26	6	1096	10	48	6	1027
P 4		9	1171	15	53	9	1077
P 5		12	1204	20	59	12	1109
P 6		15	1227	25	64	15	1132
P 7		18	1240	30	71	18	1144
P 8		21	1251	35	80	21	1154
P 9		24	1259	40	86	24	1165
P10		27	1265	45	91	27	1173
P11		29	1269	50	97	30	1179
P12				55	103	33	1186
P13				60	108	36	1192
P14				65	113	39	1198
P15				70	118	42	1200
P16				75	123	45	1202
P17				80	129	48	1204
P18				85	134	51	1205
P19				90	137	54	1206
P20				95	144	57	1206
				100	148		
				105	152		
				110	157		

Pickrell DrLg. Co.
Becker B-1

T.K.T.#7596
Test# 3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2043	PSI
(B) First Initial Flow Pressure	19	PSI
(C) First Final Flow Pressure	26	PSI
(D) Initial Closed-in Pressure	1269	PSI
(E) Second Initial Flow Pressure	42	PSI
(F) Second Final Flow Pressure	157	PSI
(G) Final Closed-in Pressure	1206	PSI
(H) Final Hydrostatic Mud	2040	PSI

COMPANY

PICKRELL DRILLING COMPANY

LEASE AND WELL NO.

BECKER #B-1

SEC.

34

TWP.

15W

RGE.

27S

TEST NO.

3

DATE

5-22-67



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

Company Pickrell Drilling Company Lease & Well No. Becker #B-1
Elevation 2536 Kelly Bushings Formation Kansas City Ticket Number 7597
Date May 23, 1967 Sec. 34 Twp. 15s Range 27w County Gove State Kansas
Test Approved by Ralph W. Ruwwe Western Representative Gerrell Veatch

Formation Test No. 4 O.K. ☒ Misrun Interval Tested From 3990' to 4020' Total Depth 4020'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. B.T. ☒ Damaged Yes ☒ No
Top Packer Depth 3986 Ft. Size 6 3/4 Packer Depth 3990 Ft. Size 6 3/4
Straddle Yes ☒ No Conv. B.T. Damaged Yes No

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 30 Ft. Size 5 1/2 OD
RECORDERS Depth 4011 Ft. Clock No. 6895 Depth 4015 Ft. Clock No. 8876
Top Make Kuster Cap. 4150 No. 2607 Inside Outside Bottom Make Kuster Cap. 4150 No. 969 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 7:22 P M
Tool Open I.F.P. From 7:25 M to 7:30 M Hr. 5 Min. From (B) 114 P.S.I. To (C) 156 P.S.I.
Tool Closed I.C.I.P. From 7:30 M. to 8:00 M. Hr. 30 Min. (D) 1296 P.S.I.
Tool Open F.F.P. From 8:00 M. to 9:00 M. Hr. 60 Min. From (E) 228 P.S.I. To (F) 746 P.S.I.
Tool Closed F.C.I.P. From 9:00 M. to 10:00 M. Hr. 60 Min. (G) 1243 P.S.I.
Initial Hydrostatic Pressure (A) 2084 P.S.I. Final Hydrostatic Pressure (H) 2061 P.S.I.

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

BLOW Strong throughout test. Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No Recovery Total Ft. Gas to surface in 1 1/2 hours.
2075' freeoi 1 Mud

Reversed Out ☒ Yes No Mud Type starch Viscosity 46 Weight 9.6 Maximum Temp. 123 °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 2920 I.D. Drill Pipe 3.8 in Length Weight Pipe 1050 ft. I.D. Weight Pipe 2.7 in Length Drill Collars ft.

I. D. Drill Collars in Length D.S.T. Tool 50 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date May 23, 1967

Recorder No. 2607

Clock No. 6895 Elevation

Capacity 4150

Test Ticket No. 7597

Location 4011 Ft.

2536 Kelly Bushings

Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2084</u> P.S.I.	Opened Tool	<u>7:25 PM</u>	
B First Initial Flow Pressure	<u>114</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>156</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1296</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>59</u> Mins.
E Second Initial Flow Pressure	<u>228</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>57</u> Mins.
F Second Final Flow Pressure	<u>746</u> P.S.I.			
G Final Closed-in Pressure	<u>1243</u> P.S.I.			
H Final Hydrostatic Mud	<u>2061</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 1 Inc.
of 5 mins. and a
final inc. of 0 Min.

Initial Shut-In

Breakdown: 10 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure

Breakdown: 11 Inc.
of 5 mins. and a
final inc. of 2 Min.

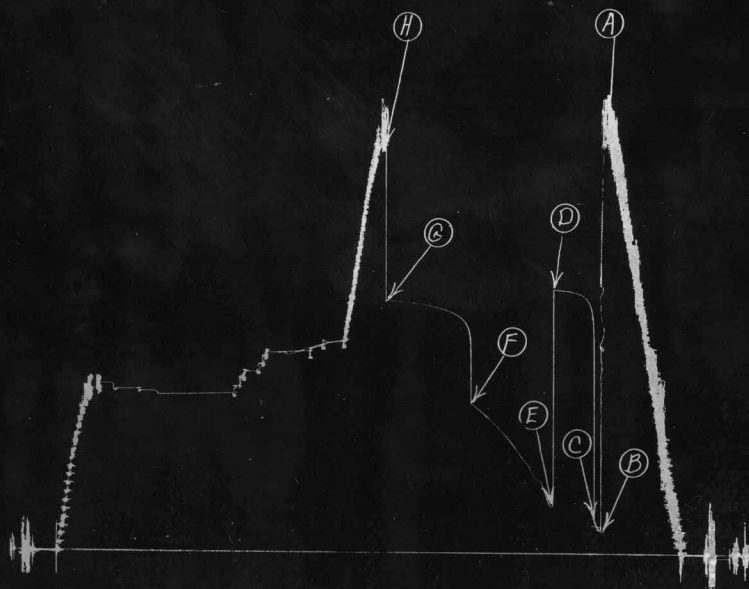
Final Shut-In

Breakdown: 19 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>114</u>	<u>0</u>	<u>156</u>	<u>0</u>	<u>228</u>	<u>0</u>	<u>746</u>
P 2 <u>5</u>	<u>156</u>	<u>3</u>	<u>1149</u>	<u>5</u>	<u>298</u>	<u>3</u>	<u>1123</u>
P 3		<u>6</u>	<u>1231</u>	<u>10</u>	<u>356</u>	<u>6</u>	<u>1146</u>
P 4		<u>9</u>	<u>1261</u>	<u>15</u>	<u>413</u>	<u>9</u>	<u>1165</u>
P 5		<u>12</u>	<u>1273</u>	<u>20</u>	<u>464</u>	<u>12</u>	<u>1177</u>
P 6		<u>15</u>	<u>1282</u>	<u>25</u>	<u>514</u>	<u>15</u>	<u>1186</u>
P 7		<u>18</u>	<u>1288</u>	<u>30</u>	<u>562</u>	<u>18</u>	<u>1196</u>
P 8		<u>21</u>	<u>1290</u>	<u>35</u>	<u>606</u>	<u>21</u>	<u>1201</u>
P 9		<u>24</u>	<u>1292</u>	<u>40</u>	<u>644</u>	<u>24</u>	<u>1209</u>
P10		<u>27</u>	<u>1294</u>	<u>45</u>	<u>679</u>	<u>27</u>	<u>1213</u>
P11		<u>30</u>	<u>1296</u>	<u>50</u>	<u>710</u>	<u>30</u>	<u>1219</u>
P12				<u>55</u>	<u>737</u>	<u>33</u>	<u>1221</u>
P13				<u>57</u>	<u>746</u>	<u>36</u>	<u>1223</u>
P14						<u>39</u>	<u>1225</u>
P15						<u>42</u>	<u>1234</u>
P16						<u>45</u>	<u>1239</u>
P17						<u>48</u>	<u>1239</u>
P18						<u>51</u>	<u>1240</u>
P19						<u>54</u>	<u>1241</u>
P20						<u>57</u>	<u>1243</u>

Pickrell DrLg Co.
Becker # B-1

TKT# 7597
Test # 4



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2084	PSI
(B) First Initial Flow Pressure	114	PSI
(C) First Final Flow Pressure	156	PSI
(D) Initial Closed-in Pressure	1296	PSI
(E) Second Initial Flow Pressure	228	PSI
(F) Second Final Flow Pressure	746	PSI
(G) Final Closed-in Pressure	1243	PSI
(H) Final Hydrostatic Mud	2061	PSI



TIGHT HOLE

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

Becker #B-1

Company **Pickrell Drilling Company** Lease & Well No. **7598**
2536 Kelly Bushings **Kansas City** Ticket Number
Elevation _____ Formation _____
Date **May 24, 1967** Sec. **34** Twp. **15** Range **37** County **Gove** State **Kansas**
Test Approved by **Ralph W. Runwe** Western Representative **Gerrell Veatch**

Formation Test No. **5** O.K. ☒ Misrun _____ Interval Tested From **4037'** to **4050'** Total Depth **4050'**
Size Main Hole **7 7/8** Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Top Packer Depth **4033** Ft. Size **6 3/4** Packer Depth **4037** 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 **13** Ft. Size **5 1/2 OD**
RECORDERS Depth **4041** Ft. Clock No. **6895** Depth **4045** Ft. Clock No. **8376**
Top Make **Kuster** Cap. **4150** No. **2607** Inside **Outside** Bottom Make **Kuster** Cap. **4150** No. **969** 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 _____ M
Tool Open I.F.P. From **11:15** M to **11:25** M Hr. **10** Min. From (B) **19** P.S.I. To (C) **31** P.S.I.
Tool Closed I.C.I.P. From **11:25** M. to **11:55** M. Hr. **30** Min. (D) **1288** P.S.I.
Tool Open F.F.P. From **11:55A** M. to **12:55P** M. Hr. **60** Min. From (E) **57** P.S.I. To (F) **124** P.S.I.
Tool Closed F.C.I.P. From **12:55** M. to **1:55** M. Hr. **60** Min. (G) **1273** P.S.I.
Initial Hydrostatic Pressure (A) **2122** P.S.I. Final Hydrostatic Pressure (H) **2111** P.S.I.
SURFACE Size Choke **3/8** In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW **Fair increasing to strong.** Bottom Choke Size **3/4** In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **245' slightly muddy oil cut water.**
Reversed Out _____ Yes _____ No Mud Type **starch** Viscosity **47** Weight **9.9** Maximum Temp. **123** °F
EXTRA EQUIPMENT: Dual Packers **yes** Safety Joint **no** Jars: _____ Size _____ Make _____ Ser. No. _____
Type Circ. Sub. **plug** Did Tool Plug? **no** Where? _____ Did Packer Hold? **yes**
Length Drill Pipe **2967** ft. I.D. Drill Pipe **3.8** in Length Weight Pipe **1050** ft. I.D. Weight Pipe **2.7** in Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool **33** ft.

Remarks

WESTERN TESTING CO., INC. Pressure Data

Date May 24 1967 Test Ticket No. 7598
Recorder No. 2607 Capacity 4150 Location 4041 Ft.
Clock No. 6895 Elevation 2536 Kelly Bushings Well Temperature 123 °F

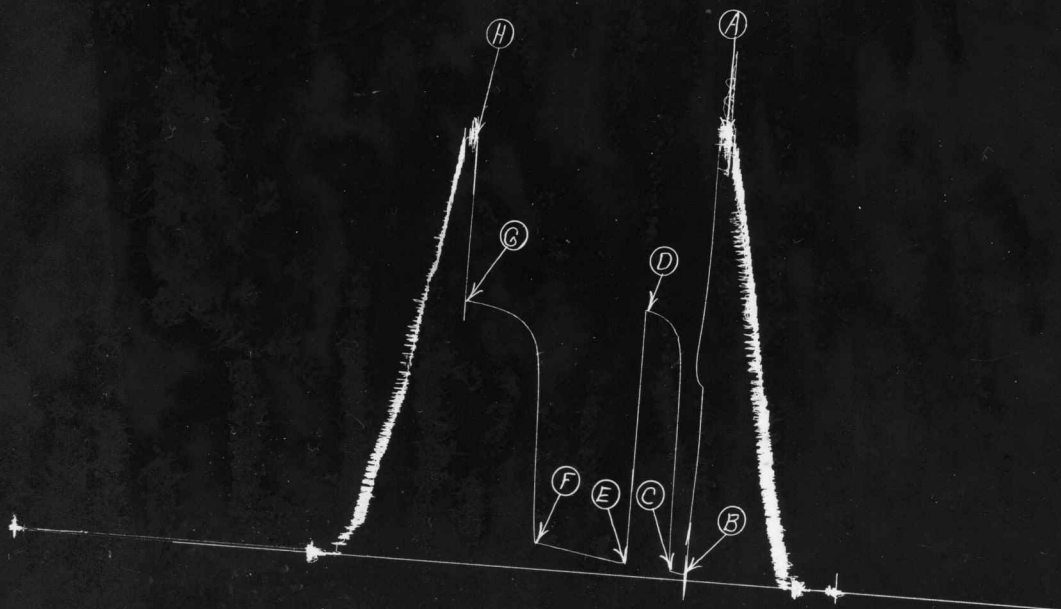
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2122</u>	P.S.I.	<u>11:15 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>19</u>	P.S.I.	<u>10</u>	<u>10</u> Mins.
C First Final Flow Pressure	<u>31</u>	P.S.I.	<u>30</u>	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>1288</u>	P.S.I.	<u>60</u>	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>57</u>	P.S.I.	<u>60</u>	<u>57</u> Mins.
F Second Final Flow Pressure	<u>124</u>	P.S.I.		
G Final Closed-in Pressure	<u>1273</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2111</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>9</u> Inc.		Breakdown: <u>11</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>2</u> Min.		final inc. of <u>3</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>19</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>57</u>	<u>0</u>	<u>124</u>
P 2 <u>5</u>	<u>25</u>	<u>3</u>	<u>664</u>	<u>5</u>	<u>58</u>	<u>3</u>	<u>358</u>
P 3 <u>10</u>	<u>31</u>	<u>6</u>	<u>1108</u>	<u>10</u>	<u>61</u>	<u>6</u>	<u>814</u>
P 4		<u>9</u>	<u>1191</u>	<u>15</u>	<u>67</u>	<u>9</u>	<u>1052</u>
P 5		<u>12</u>	<u>1225</u>	<u>20</u>	<u>76</u>	<u>12</u>	<u>1119</u>
P 6		<u>15</u>	<u>1248</u>	<u>25</u>	<u>82</u>	<u>15</u>	<u>1154</u>
P 7		<u>18</u>	<u>1261</u>	<u>30</u>	<u>89</u>	<u>18</u>	<u>1179</u>
P 8		<u>21</u>	<u>1271</u>	<u>35</u>	<u>94</u>	<u>21</u>	<u>1198</u>
P 9		<u>24</u>	<u>1280</u>	<u>40</u>	<u>101</u>	<u>24</u>	<u>1211</u>
P10		<u>27</u>	<u>1284</u>	<u>45</u>	<u>106</u>	<u>27</u>	<u>1223</u>
P11		<u>29</u>	<u>1288</u>	<u>50</u>	<u>114</u>	<u>30</u>	<u>1234</u>
P12				<u>55</u>	<u>120</u>	<u>33</u>	<u>1244</u>
P13				<u>58</u>	<u>124</u>	<u>36</u>	<u>1248</u>
P14						<u>39</u>	<u>1252</u>
P15						<u>42</u>	<u>1256</u>
P16						<u>45</u>	<u>1260</u>
P17						<u>48</u>	<u>1264</u>
P18						<u>51</u>	<u>1269</u>
P19						<u>54</u>	<u>1271</u>
P20						<u>57</u>	<u>1273</u>

Pickrell DrLg. Co.
Becker B-1

TKT# 7598
Test# 5



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2122	PSI
(B) First Initial Flow Pressure	19	PSI
(C) First Final Flow Pressure	31	PSI
(D) Initial Closed-in Pressure	1288	PSI
(E) Second Initial Flow Pressure	57	PSI
(F) Second Final Flow Pressure	124	PSI
(G) Final Closed-in Pressure	1273	PSI
(H) Final Hydrostatic Mud	2111	PSI

COMPANY

PICKRELL DRILLING COMPANY

LEASE AND WELL NO.

BECKER #B-1

SEC.

34

TWP.

15

RGE.

27

TEST NO.

5

DATE

5-24-67



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

Company Pickrell Drilling Company Lease & Well No. Becker #B-1
Elevation 2536 Kelly Bushings Formation Ft. Scott Ticket Number 8426
Date May 26, 1967 Sec. 34 Twp. 15s Range 27w County Gove State Kansas
Test Approved by Ralph W. Ruwe Western Representative Dean Blagrave

Formation Test No. 6 O.K. ☒ Misrun Interval Tested From 4240' to 4303' Total Depth 4303'
Size Main Hole 7 7/8 Rat Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. Damaged Yes ☒ No
Packer Depth 4235 Ft. Size 6 3/4 Packer Depth 4240 Ft. Size 6 3/4

Straddle Yes ☒ No Conv. B.T. Damaged Yes No
Packer Depth Ft. Size 31' 6" OD DC

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 63 Ft. Size 32' 5 1/2 OD Perf.

RECORDERS Depth 4294 Ft. Clock No. 6892 Depth 4297 Ft. Clock No. 6774

Top Make Amerada Cap. 4150 No. 2600 Inside Outside Bottom Make Amerada Cap. 4300 No. 1567 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 12:47 A M

Tool Open I.F.P. From 12:50 M to 12:55 M Hr. 5 Min. From (B) 51 P.S.I. To (C) 53 P.S.I.

Tool Closed I.C.I.P. From 12:55 M. to 1:25 M. Hr. 30 Min. (D) 359 P.S.I.

Tool Open F.F.P. From 1:25A M. to 3:25 M. 2 Hr. Min. From (E) 79 P.S.I. To (F) 179 P.S.I.

Tool Closed F.C.I.P. From 3:25A M. to 4:25 M. 1 Hr. Min. (G) 281 P.S.I.

Initial Hydrostatic Pressure (A) 2289 P.S.I. Final Hydrostatic Pressure (H) 2271 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 good. Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No Recovery Total Ft. 130' very slightly oil and gas cut mud

Mud

Reversed Out Yes No Mud Type starch Viscosity 50 Weight 9.8 Maximum Temp. 124 °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 1055 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars none ft.

I. D. Drill Collars in. Length D.S.T. Tool 81 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

8426

Date May 26, 1967

Test Ticket No. 4294

Recorder No. 2606

Capacity 4150

Location Ft.

Clock No. 6892

Elevation 2536 Kelly Bushings

Well Temperature 124 °F

Point	Pressure	
A Initial Hydrostatic Mud	<u>2289</u>	P.S.I.
B First Initial Flow Pressure	<u>51</u>	P.S.I.
C First Final Flow Pressure	<u>53</u>	P.S.I.
D Initial Closed-in Pressure	<u>359</u>	P.S.I.
E Second Initial Flow Pressure	<u>79</u>	P.S.I.
F Second Final Flow Pressure	<u>179</u>	P.S.I.
G Final Closed-in Pressure	<u>281</u>	P.S.I.
H Final Hydrostatic Mud	<u>2271</u>	P.S.I.

Opened Tool

First Flow Pressure

Initial Closed-in Pressure

Second Flow Pressure

Final Closed-in Pressure

Time Given	Time Computed
<u>12:50 A</u>	<u>5</u>
<u>5</u>	<u>5</u>
<u>30</u>	<u>30</u>
<u>120</u>	<u>117</u>
<u>60</u>	<u>60</u>

PRESSURE BREAKDOWN

First Flow Press.

Breakdown: 1 Inc.

of 5 mins. and a

final inc. of 0 Min.

Initial Shut-In

Breakdown: 10 Inc.

of 3 mins. and a

final inc. of 0 Min.

Second Flow Pressure

Breakdown: 2 3 Inc.

of 5 mins. and a

final inc. of 2 Min.

Final Shut-In

Breakdown: 20 Inc.

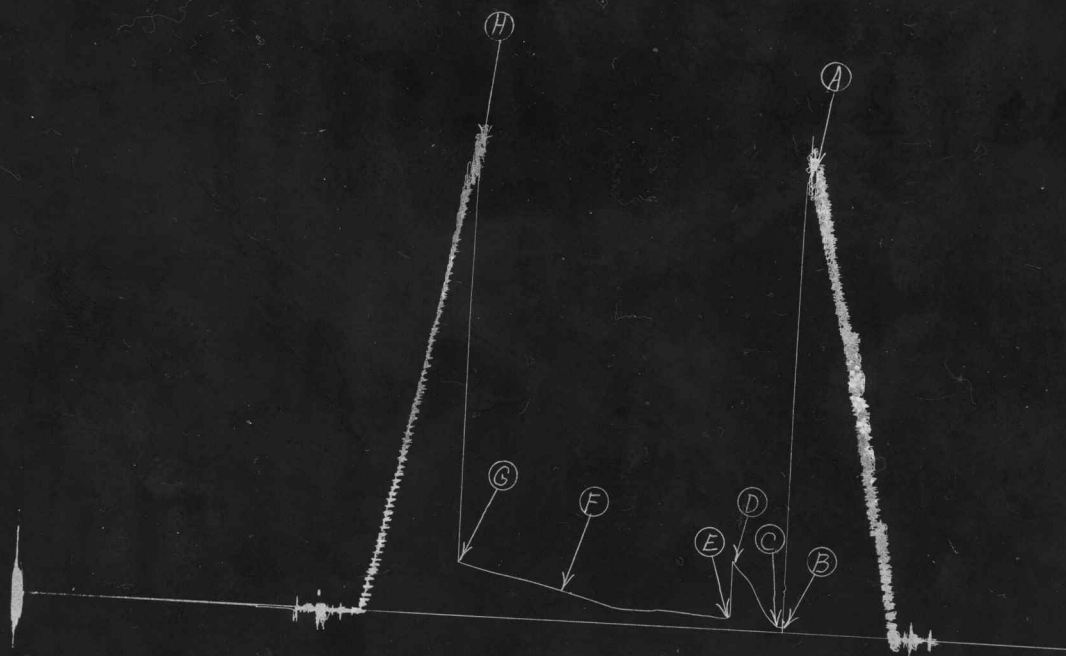
of 3 mins. and a

final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>51</u>	<u>0</u>	<u>53</u>	<u>0</u>	<u>79</u>	<u>0</u>	<u>179</u>
P 2 <u>5</u>	<u>53</u>	<u>3</u>	<u>62</u>	<u>5</u>	<u>79</u>	<u>3</u>	<u>185</u>
P 3		<u>6</u>	<u>85</u>	<u>10</u>	<u>81</u>	<u>6</u>	<u>191</u>
P 4		<u>9</u>	<u>123</u>	<u>15</u>	<u>83</u>	<u>9</u>	<u>196</u>
P 5		<u>12</u>	<u>156</u>	<u>20</u>	<u>83</u>	<u>12</u>	<u>201</u>
P 6		<u>15</u>	<u>206</u>	<u>25</u>	<u>86</u>	<u>15</u>	<u>207</u>
P 7		<u>18</u>	<u>249</u>	<u>30</u>	<u>89</u>	<u>18</u>	<u>212</u>
P 8		<u>21</u>	<u>279</u>	<u>35</u>	<u>92</u>	<u>21</u>	<u>216</u>
P 9		<u>24</u>	<u>297</u>	<u>40</u>	<u>95</u>	<u>24</u>	<u>219</u>
P10		<u>27</u>	<u>322</u>	<u>45</u>	<u>97</u>	<u>27</u>	<u>223</u>
P11		<u>30</u>	<u>359</u>	<u>50</u>	<u>93</u>	<u>30</u>	<u>227</u>
P12				<u>55</u>	<u>93</u>	<u>33</u>	<u>231</u>
P13				<u>60</u>	<u>93</u>	<u>36</u>	<u>235</u>
P14				<u>65</u>	<u>93</u>	<u>39</u>	<u>239</u>
P15				<u>70</u>	<u>93</u>	<u>42</u>	<u>244</u>
P16				<u>75</u>	<u>93</u>	<u>45</u>	<u>249</u>
P17				<u>80</u>	<u>97</u>	<u>48</u>	<u>255</u>
P18				<u>85</u>	<u>104</u>	<u>54</u>	<u>268</u>
P19				<u>90</u>	<u>111</u>	<u>57</u>	<u>274</u>
P20				<u>95</u>	<u>123</u>	<u>60</u>	<u>281</u>
				<u>100</u>	<u>134</u>		
				<u>105</u>	<u>146</u>		
				<u>110</u>	<u>158</u>		
				<u>115</u>	<u>170</u>		
				<u>117</u>	<u>179</u>		

Pickrell DrLg.Co.
Becker B #1

TKT# 8426
Test # 6



This is an actual photograph of recorder chart.

POINT	PRESSURE
(A) Initial Hydrostatic Mud	2289 PSI
(B) First Initial Flow Pressure	51 PSI
(C) First Final Flow Pressure	53 PSI
(D) Initial Closed-in Pressure	359 PSI
(E) Second Initial Flow Pressure	79 PSI
(F) Second Final Flow Pressure	179 PSI
(G) Final Closed-in Pressure	281 PSI
(H) Final Hydrostatic Mud	2271 PSI



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

Company Pickrell Drilling Company Lease & Well No. Becker #B-1
Elevation 2536 Kelly Bushings Formation Mississippi Ticket Number 8427
Date May 27, 1967 Sec. 34 Twp. 15s Range 27w County Gove State Kansas
Test Approved by Ralph W. Ruwwe Western Representative Dean Blagrove

Formation Test No. 7 O.K. ☒ Misrun Interval Tested From 4381' to 4400' Total Depth 4400'
Size Main Hole 7 7/8 Hole Conv. B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. Damaged Yes ☒ No
Packer Depth 4376 Ft. Size 6 3/4 Packer Depth 4381 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 19 Ft. Size 5 1/2 OD
RECORDERS Depth 4391 Ft. Clock No. 6892 Depth 4394 Ft. Clock No. 6774
Top Make Amerada Cap. 4150 No. 2606 Inside Outside
Bottom Make Amerada 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 2:27 A M
Tool Open I.F.P. From 2:30 M to 2:35 M Hr. 5 Min. From (B) 49 P.S.I. To (C) 49 P.S.I.
Tool Closed I.C.I.P. From 2:35A M. to 3:05 M. Hr. 30 Min. (D) 184 P.S.I.
Tool Open F.F.P. From 3:05A M. to 4:05 M. 1 Hr. Min. From (E) 49 P.S.I. To (F) 51 P.S.I.
Tool Closed F.C.I.P. From 4:05A M. to 4:35 M. Hr. 30 Min. (G) 276 P.S.I.
Initial Hydrostatic Pressure (A) 2361 P.S.I. Final Hydrostatic Pressure (H) 2313 P.S.I.

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

BLOW Weak for 5 minutes. Bottom Choke Size In.
Did Well Flow Yes ☒ No Recovery Total Ft. 10' mud with few oil specks.

Reversed Out Yes ☒ No Mud Type starch Viscosity 52 Weight 10.0 Maximum Temp. 126 °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

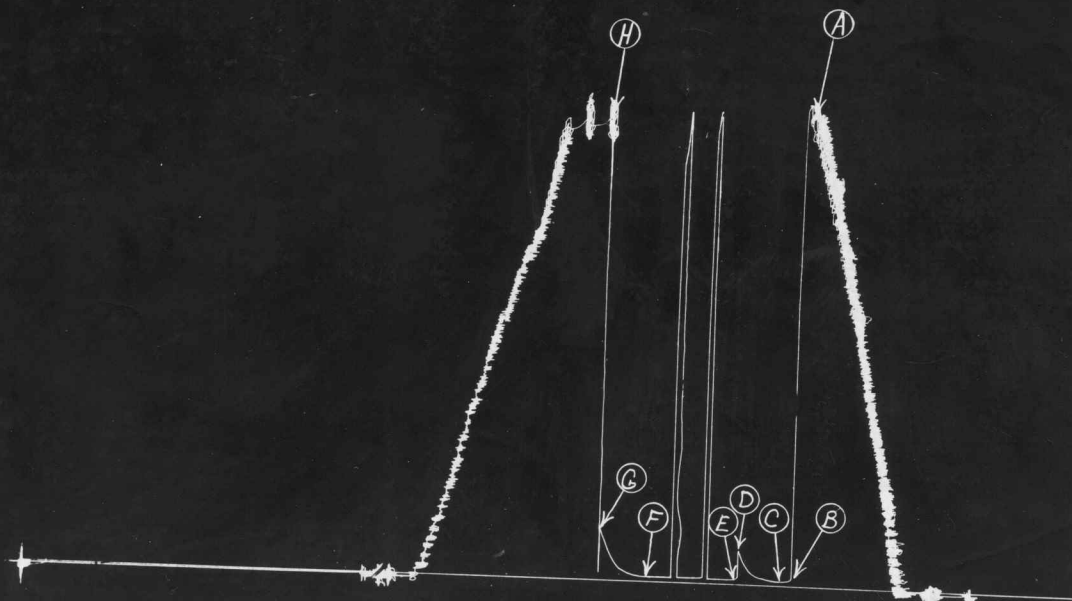
Length Drill Pipe ft. I.D. Drill Pipe in Length Weight Pipe 1055 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars none ft.

I. D. Drill Collars in. Length D.S.T. Tool 37 ft.

Remarks Flushed at 20 and 40 minutes.

Pickrell Drilling Co.
Becker B #1

TKT# 8427
Test# 7



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud	2361	PSI
(B) First Initial Flow Pressure	49	PSI
(C) First Final Flow Pressure	49	PSI
(D) Initial Closed-in Pressure	184	PSI
(E) Second Initial Flow Pressure	49	PSI
(F) Second Final Flow Pressure	51	PSI
(G) Final Closed-in Pressure	276	PSI
(H) Final Hydrostatic Mud	2313	PSI