



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1
Elevation 2501 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 12254
Date 1-26-69 Sec. 8 Twp. 1 Range 26W County Decatur State Kansas
Test Approved by Jack K. Wharton Western Representative Gerrell Veatch

Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3235' to 3280' Total Depth 3280'
Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth 3231 Ft. Size 5 1/2 Packer Depth 3235 Ft. Size 5 1/2
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 45 Ft. Size 4 1/2" OD

RECORDERS Depth 3240 Ft. Clock No. 6892 Depth 3244 Ft. Clock No. 6894
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 4:47A M
Tool Open I.F.P. From 4:50 M. to 5:05A M. Hr. 15 Min. From (B) 18 P.S.I. To (C) 31 P.S.I.
Tool Closed I.C.I.P. From 5:05A M. to 5:35A M. Hr. 30 Min. (D) 1106 P.S.I.
Tool Open F.F.P. From 5:35 M. to 7:35A M. 2 Hr. - Min. From (E) 56 P.S.I. To (F) 161 P.S.I.
Tool Closed F.C.I.P. From 7:35 M. to 8:05A M. Hr. 30 Min. (G) 1025 P.S.I.
Initial Hydrostatic Pressure (A) 1789 P.S.I. Final Hydrostatic Pressure (H) 1781 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 good Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 320 feet very heavy oil and gas cut mud--240 feet gas in
pipe

Reversed Out _____ Yes ☒ No _____ Mud Type chem Viscosity 38 Weight 10 Water Loss 16.4 cc. Maximum Temp. 96 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____
Length Drill Pipe 2140 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 65 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 1-26-69 Recorder No. 2607 Capacity 4150 Test Ticket No. 12254
 Clock No. 6892 Elevation 2501 Kelly Bushing Location 3240 Ft. Well Temperature 96 °F

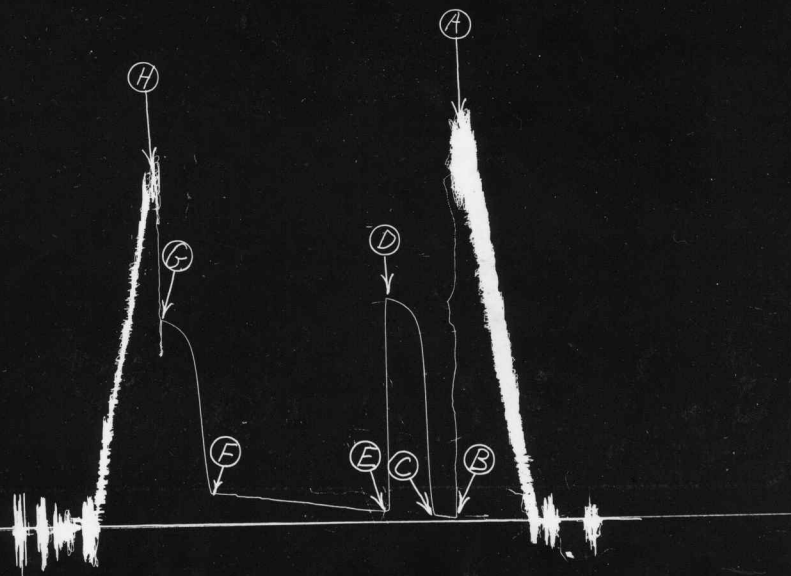
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1789</u>	P.S.I.	<u>4:47A</u>	<u>M</u>
B First Initial Flow Pressure	<u>18</u>	P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>31</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1106</u>	P.S.I.	<u>120</u> Mins.	<u>117</u> Mins.
E Second Initial Flow Pressure	<u>56</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>161</u>	P.S.I.		
G Final Closed-in Pressure	<u>1025</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1781</u>	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>18</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>161</u>
P 2 <u>5</u>	<u>20</u>	<u>3</u>	<u>211</u>	<u>5</u>	<u>57</u>	<u>3</u>	<u>309</u>
P 3 <u>10</u>	<u>24</u>	<u>6</u>	<u>691</u>	<u>10</u>	<u>59</u>	<u>6</u>	<u>520</u>
P 4 <u>15</u>	<u>31</u>	<u>9</u>	<u>926</u>	<u>15</u>	<u>63</u>	<u>9</u>	<u>726</u>
P 5 <u>20</u>		<u>12</u>	<u>1004</u>	<u>20</u>	<u>67</u>	<u>12</u>	<u>862</u>
P 6 _____		<u>15</u>	<u>1045</u>	<u>25</u>	<u>76</u>	<u>15</u>	<u>926</u>
P 7 _____		<u>18</u>	<u>1064</u>	<u>30</u>	<u>80</u>	<u>18</u>	<u>960</u>
P 8 _____		<u>21</u>	<u>1081</u>	<u>35</u>	<u>83</u>	<u>21</u>	<u>983</u>
P 9 _____		<u>24</u>	<u>1094</u>	<u>40</u>	<u>90</u>	<u>24</u>	<u>997</u>
P10 _____		<u>27</u>	<u>1100</u>	<u>45</u>	<u>95</u>	<u>27</u>	<u>1010</u>
P11 _____		<u>30</u>	<u>1106</u>	<u>50</u>	<u>101</u>	<u>30</u>	<u>1025</u>
P12 _____				<u>55</u>	<u>107</u>		
P13 _____				<u>60</u>	<u>109</u>		
P14 _____				<u>65</u>	<u>114</u>		
P15 _____				<u>70</u>	<u>118</u>		
P16 _____				<u>75</u>	<u>122</u>		
P17 _____				<u>80</u>	<u>131</u>		
P18 _____				<u>85</u>	<u>135</u>		
P19 _____				<u>90</u>	<u>139</u>		
P20 _____				<u>95</u>	<u>141</u>		
				<u>100</u>	<u>148</u>		
				<u>105</u>	<u>154</u>		
				<u>110</u>	<u>156</u>		
				<u>115</u>	<u>160</u>		
				<u>117</u>	<u>161</u>		

ABERCROMBIE DRILLING INC.
BLEES #1

T.K.T. 12254
TEST #1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1785	1789	PSI
(B) First Initial Flow Pressure	12	18	PSI
(C) First Final Flow Pressure	31	31	PSI
(D) Initial Closed-in Pressure	1096	1106	PSI
(E) Second Initial Flow Pressure	52	56	PSI
(F) Second Final Flow Pressure	160	161	PSI
(G) Final Closed-in Pressure	1027	1025	PSI
(H) Final Hydrostatic Mud	1775	1781	PSI



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Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1
Elevation 2501 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 12255
Date 1-27-69 Sec. 8 Twp. 1 Range 26W County Decatur State Kansas
Test Approved by Jack K. Wharton Western Representative Gerrell Veatch
Formation Test No. 32 O.K. ☒ Misrun _____ Interval Tested From 3300' to 3320' Total Depth 3320'
Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth 3296 Ft. Size 5 1/2 Packer Depth 3300 Ft. Size 5 1/2
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 20 Ft. Size 4 1/2" OD
RECORDERS Depth 3305 Ft. Clock No. 6892 Depth 3310 Ft. Clock No. 6894
Top Make Kuster Cap. 4150 No. 2607 Inside Bottom Make Kuster Cap. 4150 No. 969 Inside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Inside
Top Make _____ Cap. _____ No. _____ Inside Bottom Make _____ Cap. _____ No. _____ Inside
Time Set Packer 6:51P M
Tool Open I.F.P. From 6:55 M. to 7:25P M. Hr. 30 Min. From (B) 48 P.S.I. To (C) 48 P.S.I.
Tool Closed I.C.I.P. From 7:25 M. to 7:55P M. Hr. 30 Min. (D) 1123 P.S.I.
Tool Open F.F.P. From 7:55 M. to 9:55P M. 2 Hr. - Min. From (E) 59 P.S.I. To (F) 70 P.S.I.
Tool Closed F.C.I.P. From 9:55 M. to 10:25P M. Hr. 30 Min. (G) 1087 P.S.I.
Initial Hydrostatic Pressure (A) 1730 P.S.I. Final Hydrostatic Pressure (H) 1705 P.S.I.
SURFACE Size Choke 3/8 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak blow thru out test Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No Recovery Total Ft. 100feet total--40 feet muddy oil--60 feet oil cut mud
Reversed Out _____ Yes ☒ No Mud Type chem Viscosity 40 Weight 10.2 Water Loss 11.8 cc. Maximum Temp. 94 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____
Length Drill Pipe 2205 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 40 ft.
Remarks Slid tool 12 feet to bottom

WESTERN TESTING CO., INC.
Pressure Data

Date 1-26-69 1-26-69 Test Ticket No. 1 2255
Recorder No. 2607 Capacity 4150 Location 3305 Ft.
Clock No. 6892 Elevation 2501 Kelly Bushing Well Temperature 94 °F

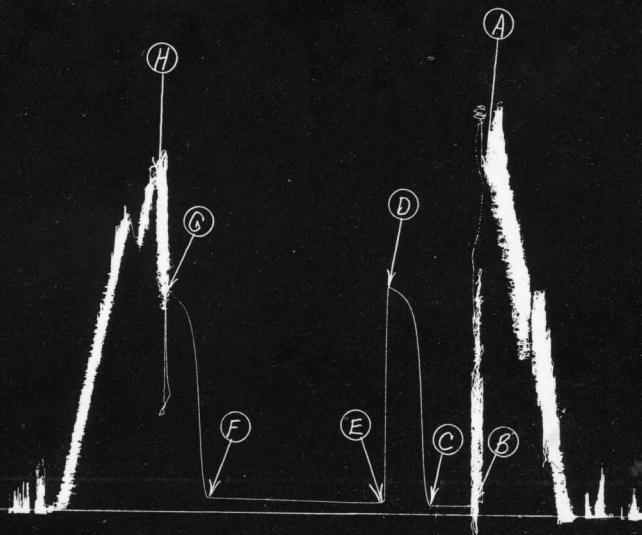
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1720</u> P.S.I.	Open Tool	<u>6:51P</u> M	
B First Initial Flow Pressure	<u>48</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>48</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1123</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>59</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>70</u> P.S.I.			
G Final Closed-in Pressure	<u>1087</u> P.S.I.			
H Final Hydrostatic Mud	<u>1705</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>10</u> Inc.		Breakdown: <u>24</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>48</u>	<u>0</u>	<u>48</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>70</u>
P 2 <u>5</u>	<u>48</u>	<u>3</u>	<u>131</u>	<u>5</u>	<u>59</u>	<u>3</u>	<u>160</u>
P 3 <u>10</u>	<u>48</u>	<u>6</u>	<u>440</u>	<u>10</u>	<u>59</u>	<u>6</u>	<u>425</u>
P 4 <u>15</u>	<u>48</u>	<u>9</u>	<u>836</u>	<u>15</u>	<u>59</u>	<u>9</u>	<u>718</u>
P 5 <u>20</u>	<u>48</u>	<u>12</u>	<u>966</u>	<u>20</u>	<u>59</u>	<u>12</u>	<u>878</u>
P 6 <u>25</u>	<u>48</u>	<u>15</u>	<u>1031</u>	<u>25</u>	<u>59</u>	<u>15</u>	<u>966</u>
P 7 <u>30</u>	<u>48</u>	<u>18</u>	<u>1064</u>	<u>30</u>	<u>59</u>	<u>18</u>	<u>1014</u>
P 8 _____		<u>21</u>	<u>1087</u>	<u>35</u>	<u>59</u>	<u>21</u>	<u>1039</u>
P 9 _____		<u>24</u>	<u>1104</u>	<u>40</u>	<u>59</u>	<u>24</u>	<u>1060</u>
P10 _____		<u>27</u>	<u>1114</u>	<u>45</u>	<u>59</u>	<u>27</u>	<u>1073</u>
P11 _____		<u>30</u>	<u>1123</u>	<u>50</u>	<u>59</u>	<u>30</u>	<u>1087</u>
P12 _____				<u>55</u>	<u>59</u>		
P13 _____				<u>60</u>	<u>59</u>		
P14 _____				<u>65</u>	<u>60</u>		
P15 _____				<u>70</u>	<u>61</u>		
P16 _____				<u>75</u>	<u>62</u>		
P17 _____				<u>80</u>	<u>63</u>		
P18 _____				<u>85</u>	<u>64</u>		
P19 _____				<u>90</u>	<u>65</u>		
P20 _____				<u>95</u>	<u>66</u>		
				<u>100</u>	<u>67</u>		
				<u>105</u>	<u>68</u>		
				<u>110</u>	<u>69</u>		
				<u>115</u>	<u>70 69</u>		
				<u>120</u>	<u>70</u>		

Abercrombie DrLg. Co.
Blees #1

T.K.T. # 12255
Test # 2



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1730	1720	PSI
(B) First Initial Flow Pressure	42	48	PSI
(C) First Final Flow Pressure	48	48	PSI
(D) Initial Closed-in Pressure	1123	1123	PSI
(E) Second Initial Flow Pressure	52	59	PSI
(F) Second Final Flow Pressure	67	70	PSI
(G) Final Closed-in Pressure	1079	1087	PSI
(H) Final Hydrostatic Mud	1720	1705	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1

Elevation 2501 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticker No. 12256

Date 1-27-69 Sec. 8 Twp. 1 Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative Gerrell Veatch

Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 3326' to 3400' Total Depth 3400'

Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No

Top Packer Depth 3322 Ft. Size 5 1/2 Packer Depth 3326 Ft. Size 5 1/2

Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 474 Ft. Size 4 1/2" OD 1 joint DC

RECORDERS Depth 3330 Ft. Clock No. 6892 Depth 3334 Ft. Clock No. 6894

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 _____

Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____

Time Set Packer 1:21P M

Tool Open I.F.P. From 1:25 M. to 1:30P M. Hr. 5 Min. From (B) 135 P.S.I. To (C) 264 P.S.I.

Tool Closed I.C.I.P. From 1:30 M. to 2:00P M. Hr. 30 Min. (D) 1112 P.S.I.

Tool Open F.F.P. From 2:00 M. to 3:00P M. Hr. 60 Min. From (E) 328 P.S.I. To (F) 784 P.S.I.

Tool Closed F.C.I.P. From 3:00M to 3:30P M. Hr. 30 Min. (G) 1045 P.S.I.

Initial Hydrostatic Pressure (A) 1815 P.S.I. Final Hydrostatic Pressure (H) 1815 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Strong Bottom Choke Size _____ In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 240 feet gas in pipe--160 feet heavy oil and gas cut mud--

360 feet gas cut muddy oil--1260 feet gassy oil--120 feet oil cut water

Reversed Out _____ Yes ☒ No _____ Mud Type chem Viscosity 41 Weight 10 Water Loss 8.4 cc. Maximum Temp. broke °F

Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers pin yes Safety Joint no Did Packer Hold? yes Where? _____

Length Drill Pipe 2231 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 94 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 1-27-69 Test Ticket No. 12256
 Recorder No. 2607 Capacity 4150 Location 3330 Ft.
 Clock No. 6892 Elevation 2501 Kelly Bushing Well Temperature broke °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1815</u> P.S.I.	Open Tool	<u>1:21P</u> M	
B First Initial Flow Pressure	<u>135</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>264</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1112</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>328</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>784</u> P.S.I.			
G Final Closed-in Pressure	<u>1045</u> P.S.I.			
H Final Hydrostatic Mud	<u>1815</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>135</u>	<u>0</u>	<u>264</u>	<u>0</u>	<u>328</u>	<u>0</u>	<u>784</u>
P 2 <u>5</u>	<u>264</u>	<u>3</u>	<u>868</u>	<u>5</u>	<u>415</u>	<u>3</u>	<u>951</u>
P 3 <u>10</u>		<u>6</u>	<u>991</u>	<u>10</u>	<u>493</u>	<u>6</u>	<u>981</u>
P 4 <u>15</u>		<u>9</u>	<u>1037</u>	<u>15</u>	<u>523</u>	<u>9</u>	<u>997</u>
P 5 <u>20</u>		<u>12</u>	<u>1064</u>	<u>20</u>	<u>572</u>	<u>12</u>	<u>1008</u>
P 6 _____		<u>15</u>	<u>1079</u>	<u>25</u>	<u>604</u>	<u>15</u>	<u>1018</u>
P 7 _____		<u>18</u>	<u>1089</u>	<u>30</u>	<u>639</u>	<u>18</u>	<u>1027</u>
P 8 _____		<u>21</u>	<u>1098</u>	<u>35</u>	<u>666</u>	<u>21</u>	<u>1032</u>
P 9 _____		<u>24</u>	<u>1104</u>	<u>40</u>	<u>695</u>	<u>24</u>	<u>1037</u>
P10 _____		<u>27</u>	<u>1108</u>	<u>45</u>	<u>722</u>	<u>27</u>	<u>1041</u>
P11 _____		<u>30</u>	<u>1112</u>	<u>50</u>	<u>743</u>	<u>30</u>	<u>1045</u>
P12 _____				<u>55</u>	<u>766</u>		
P13 _____				<u>60</u>	<u>784</u>		
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

Abercrombie DrLg. Inc.
Blees #1

T.K.T. # 12256
Test # 3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1825	1815
(B) First Initial Flow Pressure	129	135
(C) First Final Flow Pressure	273	264
(D) Initial Closed-in Pressure	1112	1112
(E) Second Initial Flow Pressure	328	328
(F) Second Final Flow Pressure	778	784
(G) Final Closed-in Pressure	1050	1045
(H) Final Hydrostatic Mud	1815	1815



Home Office: Great Bend, Kansas
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8-15-26w
Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1
Elevation 2501 Kelly Buhsing Formation Kansas City Effective Pay _____ Ft. Ticket No. 12257
Date 1-27-69 Sec. 8 Twp. 1 Range 26W County Decatur State Kansas
Test Approved by Jack K. Wharton Western Representative Gerrell Veatch

Formation Test No. 4 O.K. ☒ Misrun _____ Interval Tested From 3368' to 3400' Total Depth 3400'
Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
top Packer Depth 3364 Ft. Size 5 1/2 Packer Depth 3368 Ft. Size 5 1/2
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 32 Ft. Size 4 1/2" OD

RECORDERS Depth 3372 Ft. Clock No. 6892 Depth 3376 Ft. Clock No. 6894
Top Make Kuster Cap. 4150 No. 2607 Inside Bottom Make Kuster Cap. 4150 No. 969 Inside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Inside
Top Make _____ Cap. _____ No. _____ Inside Bottom Make _____ Cap. _____ No. _____ Inside

Time Set Packer 8:25P M
Tool Open I.F.P. From 8:30 M. to 8:35P M. Hr. 5 Min. From (B) 152 P.S.I. To (C) 207 P.S.I.
Tool Closed I.C.I.P. From 8:35 M. to 9:05P M. Hr. 30 Min. (D) 1117 P.S.I.
Tool Open F.F.P. From 9:05 M. to 10:05P M. Hr. 60 Min. From (E) 232 P.S.I. To (F) 710 P.S.I.
Tool Closed F.C.I.P. From 10:05 M. to 10:35P M. Hr. 30 Min. (G) 1054 P.S.I.
Initial Hydrostatic Pressure (A) 1794 P.S.I. Final Hydrostatic Pressure (H) 1773 P.S.I.

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

BLOW Strong Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. Gas to surface i n 30 minutes on final flow-- 1170 feet gassy
oil(30 gravity)--240 feet muddy oil--120 feet oil cut muddy water--120 feet muddy oil

Reversed Out _____ Yes ☒ No _____ Mud Type chem Viscosity 41 Weight 10 Water Loss 8.4 cc. Maximum Temp. 95 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____
Length Drill Pipe 2273 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 52 ft.

Remarks Slid tool 10 feet to bottom

WESTERN TESTING CO., INC.
Pressure Data

Date 1-27-69 Test Ticket No. 12257
Recorder No. 2607 Capacity 4150 Location 3372 Ft.
Clock No. 6892 Elevation 2501 Kelly Bushing Well Temperature 95 °F

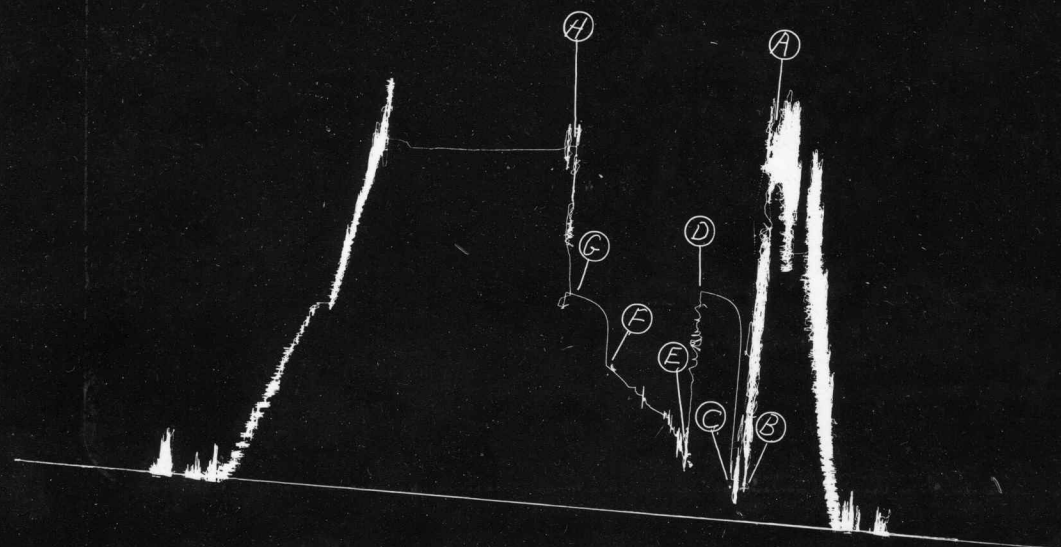
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1794</u> P.S.I.	Open Tool	<u>8:25P</u> M	
B First Initial Flow Pressure	<u>152</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>207</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1117</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>232</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>32</u> Mins.
F Second Final Flow Pressure	<u>710</u> P.S.I.			
G Final Closed-in Pressure	<u>1054</u> P.S.I.			
H Final Hydrostatic Mud	<u>1773</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>152</u>	<u>0</u>	<u>207</u>	<u>0</u>	<u>232</u>	<u>0</u>	<u>710</u>
P 2 <u>5</u>	<u>207</u>	<u>3</u>	<u>949</u>	<u>5</u>	<u>345</u>	<u>3</u>	<u>943</u>
P 3 _____	_____	<u>6</u>	<u>1035</u>	<u>10</u>	<u>406</u>	<u>6</u>	<u>981</u>
P 4 _____	_____	<u>9</u>	<u>1062</u>	<u>15</u>	<u>451</u>	<u>9</u>	<u>1000</u>
P 5 _____	_____	<u>12</u>	<u>1079</u>	<u>20</u>	<u>500</u>	<u>12</u>	<u>1012</u>
P 6 _____	_____	<u>15</u>	<u>1089</u>	<u>25</u>	<u>518</u>	<u>15</u>	<u>1022</u>
P 7 _____	_____	<u>18</u>	<u>1098</u>	<u>30</u>	<u>540</u>	<u>18</u>	<u>1031</u>
P 8 _____	_____	<u>21</u>	<u>1104</u>	<u>35</u>	<u>583</u>	<u>21</u>	<u>1037</u>
P 9 _____	_____	<u>24</u>	<u>1108</u>	<u>40</u>	<u>614</u>	<u>24</u>	<u>1041</u>
P10 _____	_____	<u>27</u>	<u>1112</u>	<u>45</u>	<u>626</u>	<u>27</u>	<u>1045</u>
P11 _____	_____	<u>30</u>	<u>1117</u>	<u>50</u>	<u>662</u>	<u>30</u>	<u>1050</u>
P12 _____	_____	_____	_____	<u>55</u>	<u>691</u>	<u>32</u>	<u>1054</u>
P13 _____	_____	_____	_____	<u>60</u>	<u>710</u>	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

ABERCROMBIE DRILLING, INC.
BLEES #1

T.K.T. 12257
TEST #4



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1805	1794	PSI
(B) First Initial Flow Pressure	158	152	PSI
(C) First Final Flow Pressure	211	207	PSI
(D) Initial Closed-in Pressure	1108	1117	PSI
(E) Second Initial Flow Pressure	232	232	PSI
(F) Second Final Flow Pressure	664	710	PSI
(G) Final Closed-in Pressure	1052	1054	PSI
(H) Final Hydrostatic Mud	1795	1773	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

8-15-26

Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1
Elevation 2501 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 12258
Date 1028-69 Sec. 8 Twp. 1 Range 26W County Dacatur State Kansas
Test Approved by Jack K. Wharton Western Representative Gerrell Veatch
Formation Test No. 5 O.K. ☒ Misrun _____ Interval Tested From 3401' to 3435' Total Depth 3435'
Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Top Packer Depth 3396 Ft. Size 5 1/2 Packer Depth 3401 Ft. Size 5 1/2
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" FW IF Anchor Length 34 Ft. Size 4 1/2" OD
RECORDERS Depth 3405 Ft. Clock No. 6892 Depth 3409 Ft. Clock No. 6894
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 1:45P M
Tool Open I.F.P. From 1:50 M. to 2:05P M. Hr. 15 Min. From (B) 14 P.S.I. To (C) 14 P.S.I.
Tool Closed I.C.I.P. From 2:50 M. to 2:35P M. Hr. 30 Min. (D) 21 P.S.I.
Tool Open F.F.P. From 2:35 M. to 3:35P M. Hr. 60 Min. From (E) 18 P.S.I. To (F) 21 P.S.I.
Tool Closed F.C.I.P. From 3:35 M. to 4:05P M. Hr. 30 Min. (G) 21 P.S.I.
Initial Hydrostatic Pressure (A) 1756 P.S.I. Final Hydrostatic Pressure (H) 1741 P.S.I.
SURFACE Size Choke 3/8 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak blow for 15 minutes Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 10 feet drilling mud with spots of oil
Reversed Out _____ Yes ☒ No _____ Mud Type chem Viscosity 39 Weight 9.8 Water Loss 7.4 cc. Maximum Temp. 95 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____
Length Drill Pipe 2306 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 54 ft.
Remarks Flushed tool

WESTERN TESTING CO., INC.

Pressure Data

Date 1-28-69 Test Ticket No. 12258
 Recorder No. 2607 Capacity 4150 Location 3405 Ft.
 Clock No. 6892 Elevation 2501 elly Bushing Well Temperature 95 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1756</u> P.S.I.	<u>1:45P</u> M	
B First Initial Flow Pressure	<u>14</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>14</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>21</u> P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>18</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>21</u> P.S.I.		
G Final Closed-in Pressure	<u>21</u> P.S.I.		
H Final Hydrostatic Mud	<u>1741</u> P.S.I.		

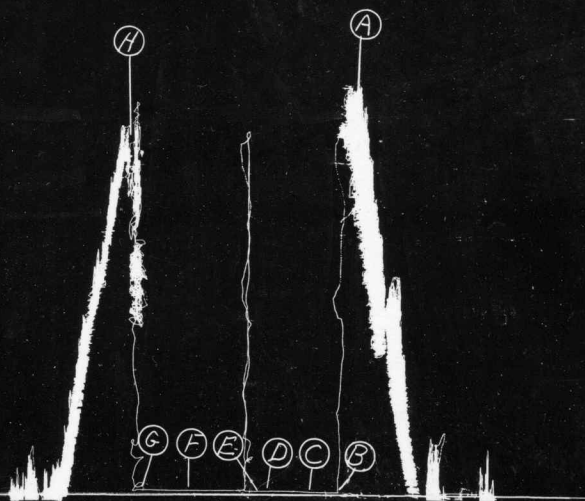
PRESSURE BREAKDOWN

First Flow Pressure	Initial Shut-In	Second Flow Pressure	Final Shut-In
Breakdown: <u>3</u> Inc.	Breakdown: <u>10</u> Inc.	Breakdown: <u>12</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 _____ Min.	final inc. of _____ Min.	final inc. of _____ Min.	final inc. of _____ Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>14</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>14</u>	<u>3</u>	<u>14</u>	<u>5</u>	<u>18</u>	<u>3</u>	<u>21</u>
P 3 <u>10</u>	<u>14</u>	<u>6</u>	<u>14</u>	<u>10</u>	<u>18</u>	<u>6</u>	<u>21</u>
P 4 <u>15</u>	<u>14</u>	<u>9</u>	<u>14</u>	<u>15</u>	<u>18</u>	<u>9</u>	<u>21</u>
P 5 _____	_____	<u>12</u>	<u>14</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>21</u>
P 6 _____	_____	<u>15</u>	<u>14</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>21</u>
P 7 _____	_____	<u>18</u>	<u>14</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>21</u>
P 8 _____	_____	<u>21</u>	<u>14</u>	<u>35</u>	<u>21</u>	<u>21</u>	<u>21</u>
P 9 _____	_____	<u>24</u>	<u>16</u>	<u>40</u>	<u>21</u>	<u>24</u>	<u>21</u>
P10 _____	_____	<u>27</u>	<u>18</u>	<u>45</u>	<u>21</u>	<u>27</u>	<u>21</u>
P11 _____	_____	<u>30</u>	<u>21</u>	<u>50</u>	<u>21</u>	<u>30</u>	<u>21</u>
P12 _____	_____	_____	_____	<u>55</u>	<u>21</u>	_____	_____
P13 _____	_____	_____	_____	<u>60</u>	<u>21</u>	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

ABERCROMBIE DRILLING INC.
BLEES #1

T.K.T. 12258
TEST #5



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1740	1756
(B) First Initial Flow Pressure	10	14
(C) First Final Flow Pressure	12	14
(D) Initial Closed-in Pressure	18	21
(E) Second Initial Flow Pressure	14	18
(F) Second Final Flow Pressure	16	21
(G) Final Closed-in Pressure	18	21
(H) Final Hydrostatic Mud	1730	1741

8-15-26aw



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1

Elevation 2501 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 12259

Date 1-29-69 Sec. 8 Twp. 1 Range 26w County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative Gerrell Veatch

Formation Test No. 6 O.K. ☒ Misrun _____ Interval Tested From 3427' to 3460' Total Depth 3460'

Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. _____ Damaged Yes ☒ No

Top Packer Depth 3423 Ft. Size 5 1/2 Packer Depth 3427 Ft. Size 5 1/2

Straddle Yes _____ No ☒ Conv. _____ B.T. _____ Damaged Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 33 Ft. Size 4 1/2" OD

RECORDERS Depth 3431 Ft. Clock No. 6892 Depth 3435 Ft. Clock No. 6894

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 2:57A M

Tool Open I.F.P. From 3:00 M. to 3:15A M. Hr. 15 Min. From (B) 12 P.S.I. To (C) 18 P.S.I.

Tool Closed I.C.I.P. From 3:15 M. to 3:45A M. Hr. 30 Min. (D) 1102 P.S.I.

Tool Open F.F.P. From 3:45 M. to 5:15A M. Hr. 90 Min. From (E) 21 P.S.I. To (F) 46 P.S.I.

Tool Closed F.C.I.P. From 5:15 M. to 5:45A M. Hr. 30 Min. (G) 839 P.S.I.

Initial Hydrostatic Pressure (A) 1838 P.S.I. Final Hydrostatic Pressure (H) 1802 P.S.I.

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

INFORMATION _____ M. _____ M. _____ M. _____

BLOW Very weak blow for 85 minutes Bottom Choke Size 3/4 In.

Did Well Flow Yes ☒ No _____ Recovery Total Ft. 62 feet total--2 feet free oil--30 feet oil cut mud--
30 feet drilling mud

Reversed Out Yes ☒ No _____ Mud Type chem Viscosity 40 Weight 9.8 Water Loss 9 cc. Maximum Temp. 95 °F

Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____

Length Drill Pipe 2332 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 53 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 1-29-69 Test Ticket No. 12259
 Recorder No. 2607 Capacity 4150 Location 3431 Ft.
 Clock No. 6892 Elevation 2501 Kelly Bushing Well Temperature 95 °F

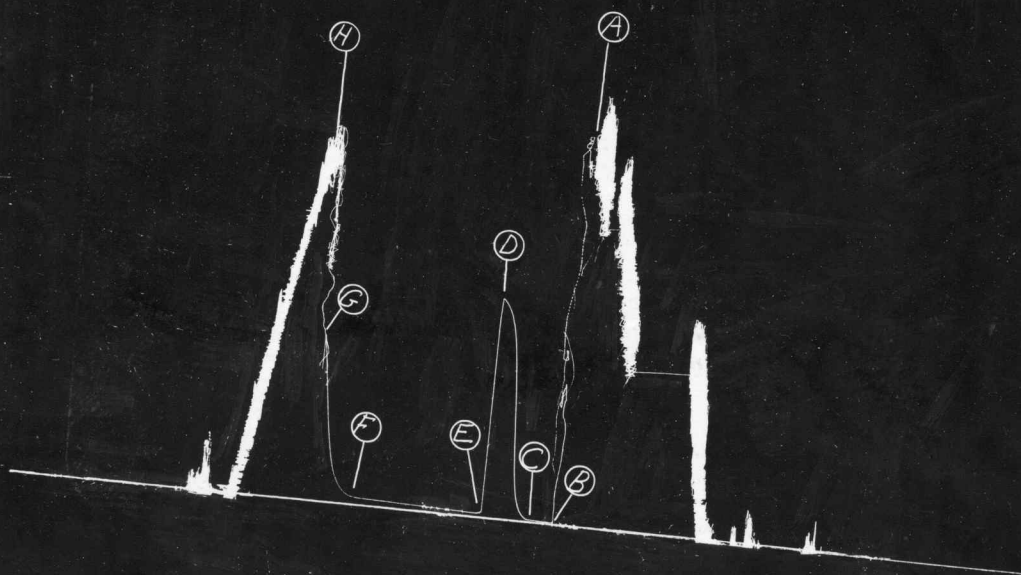
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1838</u> P.S.I.	Open Tool	<u>2:57A</u> M	
B First Initial Flow Pressure	<u>12</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>18</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1102</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>46</u> P.S.I.			
G Final Closed-in Pressure	<u>839</u> P.S.I.			
H Final Hydrostatic Mud	<u>1802</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>18</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>12</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>46</u>
P 2 <u>5</u>	<u>14</u>	<u>3</u>	<u>27</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>52</u>
P 3 <u>10</u>	<u>16</u>	<u>6</u>	<u>59</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>61</u>
P 4 <u>15</u>	<u>18</u>	<u>9</u>	<u>129</u>	<u>21 15</u>	<u>21</u>	<u>21 9</u>	<u>84</u>
P 5 _____		<u>12</u>	<u>294</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>122</u>
P 6 _____		<u>15</u>	<u>531</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>182</u>
P 7 _____		<u>18</u>	<u>760</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>279</u>
P 8 _____		<u>21</u>	<u>933</u>	<u>35</u>	<u>23</u>	<u>21</u>	<u>398</u>
P 9 _____		<u>24</u>	<u>1018</u>	<u>40</u>	<u>25</u>	<u>24</u>	<u>535</u>
P10 _____		<u>27</u>	<u>1062</u>	<u>45</u>	<u>27</u>	<u>27</u>	<u>701</u>
P11 _____		<u>30</u>	<u>1102</u>	<u>50</u>	<u>29</u>	<u>30</u>	<u>839</u>
P12 _____				<u>55</u>	<u>31</u>		
P13 _____				<u>60</u>	<u>33</u>		
P14 _____				<u>65</u>	<u>35</u>		
P15 _____				<u>70</u>	<u>37</u>		
P16 _____				<u>75</u>	<u>39</u>		
P17 _____				<u>80</u>	<u>42</u>		
P18 _____				<u>85</u>	<u>44</u>		
P19 _____				<u>90</u>	<u>46</u>		
P20 _____							

ABERCROMBIE DRILLING INC.
BLEES #1

T.K.T. 12259
TEST #6



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1835	1838
(B) First Initial Flow Pressure	18	12
(C) First Final Flow Pressure	21	18
(D) Initial Closed-in Pressure	1102	1102
(E) Second Initial Flow Pressure	21	21
(F) Second Final Flow Pressure	42	46
(G) Final Closed-in Pressure	977	839
(H) Final Hydrostatic Mud	1825	1802



Home Office: Great Bend, Kansas

P. O. Box 793

(316) 793-7903

Company Abercrombie Drilling Inc. Lease & Well No. Blees # 1

Elevation 2501 Kelly Bushing Formation Reagan sand Effective Pay _____ Ft. Ticket No. 12260

Date 1-29-69 Sec. 8 Twp. 1 Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative Gerrell Veatch

Formation Test No. 7 O.K. ☒ Misrun _____ Interval Tested From 3521' to 3555' Total Depth 3555'

Size Main Hole 6 1/4 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No

Top Packer Depth 3517 Ft. Size 5 1/2 Packer Depth 3521 Ft. Size 5 1/2

Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size 4 1/2" OD Tool Jt. Size 3 1/2" IF Anchor Length 34 Ft. Size 4 1/2" OD

RECORDERS Depth 3525 Ft. Clock No. 6892 Depth 3528 Ft. Clock No. 6894

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 10:30P M

Tool Open I.F.P. From 10:32 M. to 10:45P M. Hr. 13 Min. From (B) 10 P.S.I. To (C) 14 P.S.I.

Tool Closed I.C.I.P. From 10:45 M. to 11:15P M. Hr. 30 Min. (D) 46 P.S.I.

Tool Open F.F.P. From 11:15 M. to 11:45P M. Hr. 30 Min. From (E) 16 P.S.I. To (F) 16 P.S.I.

Tool Closed F.C.I.P. From 11:45M to 12:15P M. Hr. 30 Min. (G) 35 P.S.I.

Initial Hydrostatic Pressure (A) 1863 P.S.I. Final Hydrostatic Pressure (H) 1846 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Weak blow for 8 minutes Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 5 feet thin mud

Reversed Out _____ Yes ☒ No _____ Mud Type chem Viscosity 42 Weight 9.8 Water Loss 9 cc. Maximum Temp. 95 °F

Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? yes Where? _____

Length Drill Pipe 2426 ft. I.D. Drill Pipe 2.8 in. Length Weight Pipe 1075 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 54 ft.

Remarks Flushed tool

WESTERN TESTING CO., INC.

Pressure Data

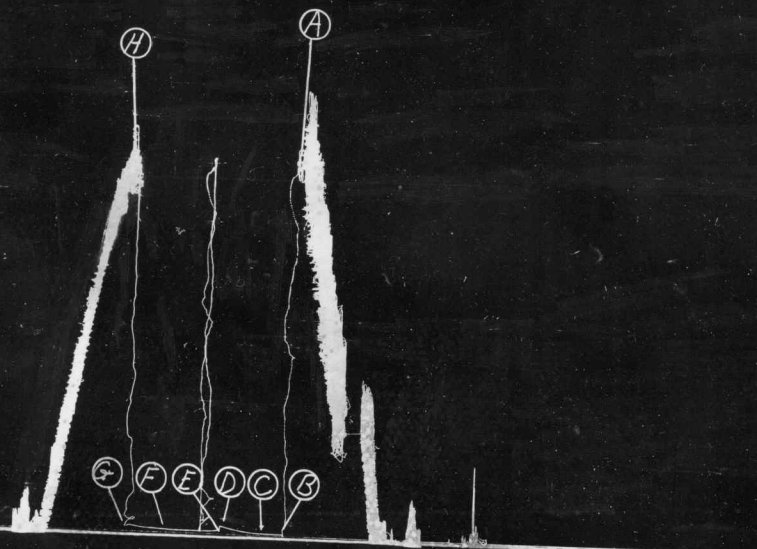
Date 1-29-69 Test Ticket No. 12260
 Recorder No. 2607 Capacity 4150 Location 3525 Ft.
 Clock No. 6892 Elevation 2501 Kelly Bushing Well Temperature 95 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1863</u> P.S.I.	Open Tool	<u>10:30P</u> M	
B First Initial Flow Pressure	<u>10</u> P.S.I.	First Flow Pressure	<u>13</u> Mins.	<u>13</u> Mins.
C First Final Flow Pressure	<u>14</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>46</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>16</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>16</u> P.S.I.			
G Final Closed-in Pressure	<u>35</u> P.S.I.			
H Final Hydrostatic Mud	<u>1846</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		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>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>3</u> Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>10</u>	<u>0</u>	<u>14</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>16</u>
P 2 <u>5</u>	<u>12</u>	<u>3</u>	<u>14</u>	<u>5</u>	<u>16</u>	<u>3</u>	<u>16</u>
P 3 <u>10</u>	<u>14</u>	<u>6</u>	<u>16</u>	<u>10</u>	<u>16</u>	<u>6</u>	<u>16</u>
P 4 <u>13</u>	<u>14</u>	<u>9</u>	<u>18</u>	<u>15</u>	<u>16</u>	<u>9</u>	<u>18</u>
P 5 _____	_____	<u>12</u>	<u>21</u>	<u>20</u>	<u>26</u>	<u>12</u>	<u>21</u>
P 6 _____	_____	<u>15</u>	<u>23</u>	<u>25</u>	<u>25 16</u>	<u>15</u>	<u>25 16</u> 23
P 7 _____	_____	<u>18</u>	<u>25</u>	<u>30</u>	<u>16</u>	<u>18</u>	<u>25</u>
P 8 _____	_____	<u>21</u>	<u>29</u>	_____	_____	<u>21</u>	<u>27</u>
P 9 _____	_____	<u>24</u>	<u>35</u>	_____	_____	<u>24</u>	<u>29</u>
P10 _____	_____	<u>27</u>	<u>40</u>	_____	_____	<u>27</u>	<u>31</u>
P11 _____	_____	<u>30</u>	<u>46</u>	_____	_____	<u>30</u>	<u>35</u>
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

ABERCROMBIE DRILLING INC. T.K.T. 12260
BLEES #1 TEST #7



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1865	1863	PSI
(B) First Initial Flow Pressure	6	10	PSI
(C) First Final Flow Pressure	10	14	PSI
(D) Initial Closed-in Pressure	44	46	PSI
(E) Second Initial Flow Pressure	12	16	PSI
(F) Second Final Flow Pressure	14	16	PSI
(G) Final Closed-in Pressure	31	35	PSI
(H) Final Hydrostatic Mud	1855	1846	PSI



Home Office: Great Bend, Kansas
P. O. Box 793 (316) 793-7903

Company **Abercrombie Drilling Inc.**

Lease & Well No. **Blees #1**

Elevation **2501 Kelly Bushing** Formation **Reagan Sand** Effective Pay _____ Ft. Ticket No. **12261**

Date **1-30-69** Sec. **8** Twp. **1** Range **26W** County **Decature** State **Kansas**

Test Approved by **Jack K. Wharton** Western Representative **Gerrell Veatch**

Formation Test No. **8** O.K. ☒ Misrun _____ Interval Tested From **3548'** to **3598'** Total Depth **3598'**

Size Main Hole **6 1/4"** Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No

Top Packer Depth **3544** Ft. Size **5 1/2"** Packer Depth **3548** Ft. Size **5 1/2"**

Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____

Tool Size **4 1/2" O.D.** Tool Jt. Size **3 1/2" I.F.** Anchor Length **50** Ft. Size **4 1/2" O.D.**

RECORDERS Depth **3552** Ft. Clock No. **6892** Depth **3555** Ft. Clock No. **6894**

Top Make **Kuster** Cap. **4150** No. **2607** ~~Inside~~ **Outside** Bottom Make **Kuster** Cap. **4150** No. **968** ~~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 **5:55** P. M

Tool Open I.F.P. From **6:00** M. to **6:15P.** M. Hr. **15** Min. From (B) **27** P.S.I. To (C) **56** P.S.I.

Tool Closed I.C.I.P. From **6:15** M. to **6:45P.** M. Hr. **30** Min. (D) **945** P.S.I.

Tool Open F.F.P. From **6:45** M. to **7:45P.** M. Hr. **60** Min. From (E) **86** P.S.I. To (F) **205** P.S.I.

Tool Closed F.C.I.P. From **7:45** M. to **8:15P.** M. Hr. **30** Min. (G) **941** P.S.I.

Initial Hydrostatic Pressure (A) **1888** P.S.I. Final Hydrostatic Pressure (H) **1867** 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 strong** Bottom Choke Size **3/4** In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. **390 feet - 30 feet oil cut mud -240 feet slightly oil**

cut mud - 60 feet slightly oil cut watery mud - 60 feet slightly oil cut muddy water.

Reversed Out _____ Yes ☒ No _____ Mud Type **Chemical** Viscosity **52** Weight **11** Water Loss **6.4** cc. Maximum Temp. **97** °F

Type Circ. Sub. **Plug** Did Tool Plug? **No** Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers **Yes** Safety Joint **No** Did Packer Hold? **Yes** Where? _____

Length Drill Pipe **2453** ft. I.D. Drill Pipe **2.8** in. Length Weight Pipe **1075** ft. I.D. Weight Pipe **2.7** in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool **70** ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 1-30-69 Recorder No. 2607 Capacity 4150 Test Ticket No. 12261
 Clock No. 6892 Elevation 2501 Kelly Bushing Location 3552 Ft. 97 °F
 Well Temperature 97 °F

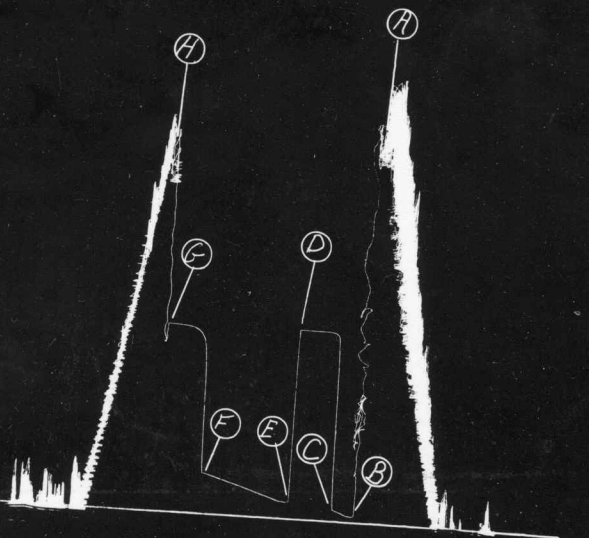
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1888	P.S.I.	5:55 P.	M
B First Initial Flow Pressure	27	P.S.I.	15 Mins.	15 Mins.
C First Final Flow Pressure	56	P.S.I.	30 Mins.	30 Mins.
D Initial Closed-in Pressure	945	P.S.I.	60 Mins.	60 Mins.
E Second Initial Flow Pressure	86	P.S.I.	30 Mins.	30 Mins.
F Second Final Flow Pressure	205	P.S.I.		
G Final Closed-in Pressure	941	P.S.I.		
H Final Hydrostatic Mud	1867	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>3</u> Inc.		Breakdown: <u>10</u> Inc.		Breakdown: <u>12</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 _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.		final inc. of _____ Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>27</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>86</u>	<u>0</u>	<u>205</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>737</u>	<u>5</u>	<u>86</u>	<u>3</u>	<u>845</u>
P 3 <u>10</u>	<u>44</u>	<u>6</u>	<u>937</u>	<u>10</u>	<u>92</u>	<u>6</u>	<u>899</u>
P 4 <u>15</u>	<u>56</u>	<u>9</u>	<u>941</u>	<u>15</u>	<u>105</u>	<u>9</u>	<u>918</u>
P 5 _____	_____	<u>12</u>	<u>945</u>	<u>20</u>	<u>116</u>	<u>12</u>	<u>926</u>
P 6 _____	_____	<u>15</u>	<u>945</u>	<u>25</u>	<u>129</u>	<u>15</u>	<u>931</u>
P 7 _____	_____	<u>18</u>	<u>945</u>	<u>30</u>	<u>140</u>	<u>18</u>	<u>933</u>
P 8 _____	_____	<u>21</u>	<u>945</u>	<u>35</u>	<u>152</u>	<u>21</u>	<u>935</u>
P 9 _____	_____	<u>24</u>	<u>945</u>	<u>40</u>	<u>162</u>	<u>24</u>	<u>937</u>
P10 _____	_____	<u>27</u>	<u>945</u>	<u>45</u>	<u>173</u>	<u>27</u>	<u>939</u>
P11 _____	_____	<u>30</u>	<u>945</u>	<u>50</u>	<u>184</u>	<u>30</u>	<u>941</u>
P12 _____	_____	_____	_____	<u>55</u>	<u>194</u>	_____	_____
P13 _____	_____	_____	_____	<u>60</u>	<u>205</u>	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____

ABERCROMBIE DRILLING INC.
BLEES #1

T.K.T. 12261
TEST #8



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1910	1888	PSI
(B) First Initial Flow Pressure	27	27	PSI
(C) First Final Flow Pressure	61	56	PSI
(D) Initial Closed-in Pressure	945	945	PSI
(E) Second Initial Flow Pressure	84	86	PSI
(F) Second Final Flow Pressure	215	205	PSI
(G) Final Closed-in Pressure	935	941	PSI
(H) Final Hydrostatic Mud	1900	1867	PSI