



P. O. BOX 1599
WICHITA, KANSAS 67201

28-15-2lew

Abercrombie Drilling Co.

Frickey A-1

Company _____ Lease & Well No. _____
Elevation **2467 Kelly Bush.** Formation **Kansas City** Effective Pay _____ Ft. Ticket No. **24706**
Date **7-1-75** Sec. **28** Twp. **1S** Range **26W** County **Decatur** State **Kansas**
Test Approved by **Charles Johnson** Western Representative **W.W. Towns**

Formation Test No. **1** O.K. Misrun Interval Tested From **3267'** to **3285'** Total Depth **3285'**
Size Main Hole **7 7/8** Rat Hole Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Top Packer Depth **3262** Ft. Size **5 1/2** Bottom Packer Depth **3267** Ft. Size **5 1/2**
Straddle Conv. B.T. Damaged Yes No Packer Depth _____ Ft. Size _____
Tool Size **4 1/2 OD** Tool Joint Size **3 1/2 IF** Anchor Length **18** Ft. Size **4 1/2 OD** Surface Choke Size **3/8** In. Bottom Choke Size **3/4** In.

RECORDERS Depth **3279** Ft. Clock No. **6774** Depth **3285** Ft. Clock No. **6806**
Top Make **Kuster** Cap. **4150** No. **2607** Inside Outside Bottom Make **Kuster** Cap. **4150** No. **2608** Inside Outside
Below Straddle: Depth _____ Rec. No. _____ Clock No. _____ Inside Outside Depth _____ Ft. Rec. No. _____ Clock No. _____ Inside Outside

Time Set Packer **11:46 A** M
Tool Open I.F.P. From **11:50A** M. to **12:20P** M. - Hr. **30** Min. From (B) **51** P.S.I. To (C) **73** P.S.I.
Tool Closed I.C.I.P. From **12:20P** M. to **1:05P** M. - Hr. **45** Min (D) **1229** P.S.I.
Tool Open F.F.P. From **1:05P** M. to **2:05P** M. - Hr. **60** Min. From (E) **112** P.S.I. To (F) **148** P.S.I.
Tool Closed F.C.I.P. From **2:05P** M. to **2:50P** M. - Hr. **45** Min. (G) **1005** P.S.I.
Initial Hydrostatic Pressure (A) **1882** P.S.I. Final Hydrostatic Pressure (H) **1760** P.S.I. Maximum Temp. **97**

INFORMATION

BLOW **Fair blow throughout test.**

Did Well Flow Yes No Recovery Total Ft. **180' salt water.**

Reversed Out Yes No Mud Type **Chemical** Viscosity **45** Weight **9.9** Water Loss **12** cc. Chlorides **-**

EXTRA EQUIPMENT: Type Circ. Sub. **pin** Safety Joint _____ Jars: Size _____ In. Make _____ Ser. No. _____

Dual Packer **Yes** Did Packers Hold? **Yes** Did Tool Plug? **No** Where? _____

DRILLING CONTRACTOR **A.L. Abercrombie** Length Drill Pipe? **2402** Ft. I.D. Drill Pipe **2.5** In. Tool Joint Size **3 1/2** In.

Length Weight Pipe **535** Ft. I.D. Weight Pipe **2.5** In. Tool Joint Size **3 1/2 IF** In. Length Drill Collars **310** Ft. I.D. Drill Collars **2.5** In.

Tool Joint Size **3 1/2 IF** In. Length D.S.T. Tool **38** Ft.

Remarks:

WESTERN TESTING CO., INC.
Pressure Data

Date 7-1-75 Test Ticket No. 24706
 Recorder No. 2607 Capacity 4150 Location 3279 Ft.
 Clock No. 6774 Elevation 2467 Kelly Bushing Well Temperature 97 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1882</u>	P.S.I.	<u>11:46 AM</u>	
B First Initial Flow Pressure	<u>51</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>73</u>	P.S.I.	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>1229</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>112</u>	P.S.I.	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>148</u>	P.S.I.		
G Final Closed-in Pressure	<u>1005</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1760</u>	P.S.I.		

PRESSURE BREAKDOWN

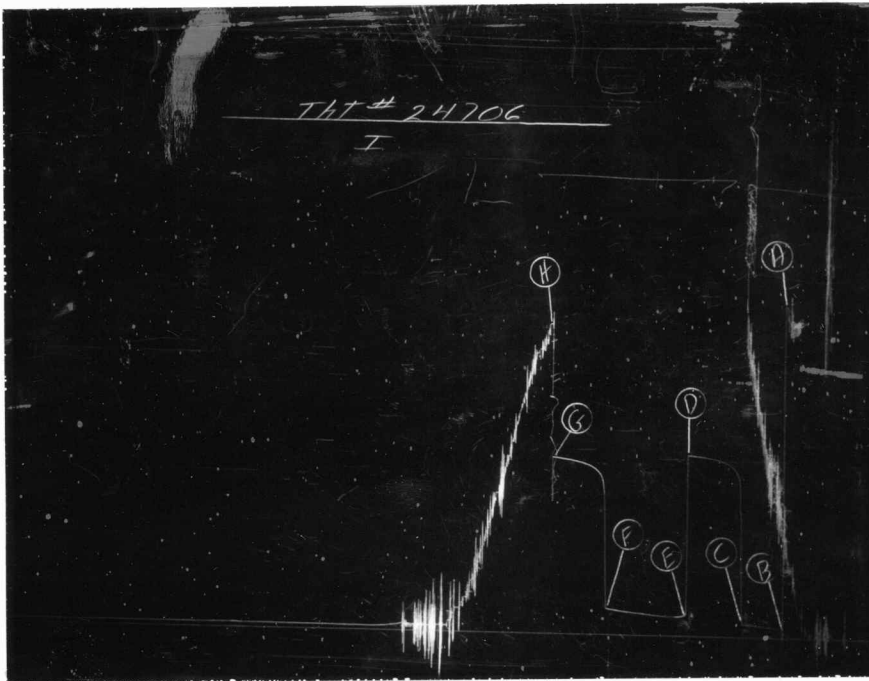
First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 14 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 12 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 14 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>73</u>	<u>0</u>	<u>112</u>	<u>0</u>	<u>148</u>
P 2 <u>5</u>	<u>55</u>	<u>3</u>	<u>923</u>	<u>5</u>	<u>110</u>	<u>3</u>	<u>812</u>
P 3 <u>10</u>	<u>59</u>	<u>6</u>	<u>957</u>	<u>10</u>	<u>110</u>	<u>6</u>	<u>910</u>
P 4 <u>15</u>	<u>63</u>	<u>9</u>	<u>976</u>	<u>15</u>	<u>110</u>	<u>9</u>	<u>937</u>
P 5 <u>20</u>	<u>66</u>	<u>12</u>	<u>989</u>	<u>20</u>	<u>113</u>	<u>12</u>	<u>953</u>
P 6 <u>25</u>	<u>70</u>	<u>15</u>	<u>998</u>	<u>25</u>	<u>116</u>	<u>15</u>	<u>963</u>
P 7 <u>30</u>	<u>73</u>	<u>18</u>	<u>1006</u>	<u>30</u>	<u>121</u>	<u>18</u>	<u>973</u>
P 8 _____	_____	<u>21</u>	<u>1010</u>	<u>35</u>	<u>125</u>	<u>21</u>	<u>981</u>
P 9 _____	_____	<u>24</u>	<u>1016</u>	<u>40</u>	<u>128</u>	<u>24</u>	<u>985</u>
P10 _____	_____	<u>27</u>	<u>1020</u>	<u>45</u>	<u>132</u>	<u>27</u>	<u>990</u>
P11 _____	_____	<u>30</u>	<u>1022</u>	<u>50</u>	<u>137</u>	<u>30</u>	<u>994</u>
P12 _____	_____	<u>33</u>	<u>1024</u>	<u>55</u>	<u>143</u>	<u>33</u>	<u>997</u>
P13 _____	_____	<u>36</u>	<u>1226</u>	<u>60</u>	<u>148</u>	<u>36</u>	<u>1000</u>
P14 _____	_____	<u>39</u>	<u>1228</u>	_____	_____	<u>39</u>	<u>1003</u>
P15 _____	_____	<u>42</u>	<u>1229</u>	_____	_____	<u>42</u>	<u>1005</u>
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1890	1882	PSI
(B) First Initial Flow Pressure	42	51	PSI
(C) First Final Flow Pressure	63	73	PSI
(D) Initial Closed-in Pressure	1008	1229	PSI
(E) Second Initial Flow Pressure	103	112	PSI
(F) Second Final Flow Pressure	126	148	PSI
(G) Final Closed-in Pressure	987	1005	PSI
(H) Final Hydrostatic Mud	1825	1760	PSI



P. O. BOX 1599
WICHITA, KANSAS 67201

28-15-26w

Company Abercrombie Drilling Co., Inc. Lease & Well No. Frickey A-1

Elevation 2467 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 24707

Date 7-2-75 Sec. 28 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Charles Johnson Western Representative W.W. Towns

Formation Test No. 2 O.K. Misrun Interval Tested From 3405' to 3427' Total Depth 3427'

Size Main Hole 6 3/4 at Hole - Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No

Top Packer Depth 3400 Ft. Size 5 1/2 Bottom Packer Depth 3405 Ft. Size 5 1/2

Straddle Conv. B.T. Damaged Yes No Packer Depth - Ft. Size -

Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 22 Ft. Size 4 1/2 OD Surface Choke Size 3/8 In. Bottom Choke Size 3/4 In.

RECORDERS Depth 3422 Ft. Clock No. 6774 Depth 3426 Ft. Clock No. 6806

Top Make Kuster Cap. 4150 No. 2607 ~~Inside~~ Outside Bottom Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside

Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ Outside Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ Outside

Time Set Packer 1:38 P M

Tool Open I.F.P. From 1:40P M. to 2:10P M. - Hr. 30 Min. From (B) 50 P.S.I. To (C) 59 P.S.I.

Tool Closed I.C.I.P. From 2:10P M. to 2:40P M. - Hr. 30 Min (D) 59 P.S.I.

Tool Open F.F.P. From 2:40P M. to 3:25P M. - Hr. 45 Min. From (E) 59 P.S.I. To (F) 59 P.S.I.

Tool Closed F.C.I.P. From 3:25P M. to 3:55P M. - Hr. 30 Min. (G) 59 P.S.I.

Initial Hydrostatic Pressure (A) 1914 P.S.I. Final Hydrostatic Pressure (H) 1858 P.S.I. Maximum Temp. 99

INFORMATION

BLOW No blow throughout test.

Did Well Flow Yes No Recovery Total Ft. None.

Reversed Out Yes No Mud Type Chemical viscosity 44 Weight 10.2 Water Loss 11.2 cc. Chlorides -

EXTRA EQUIPMENT: Type Circ. Sub. pin Safety Joint - Jars: Size - In. Make - Ser. No. -

Dual Packer Yes Did Packers Hold? Y B Did Tool Plug? No Where? -

DRILLING CONTRACTOR A.L. Abercrombie Length Drill Pipe 2540 Ft. I.D. Drill Pipe 2.5 In. Tool Joint Size 3 1/2 IF In.

Length Weight Pipe 535 Ft. I.D. Weight Pipe 2.5 In. Tool Joint Size 3 1/2 In. Length Drill Collars 310 Ft. I.D. Drill Collars 2.5 In.

Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 42 Ft.

Remarks:

WESTERN TESTING CO., INC.

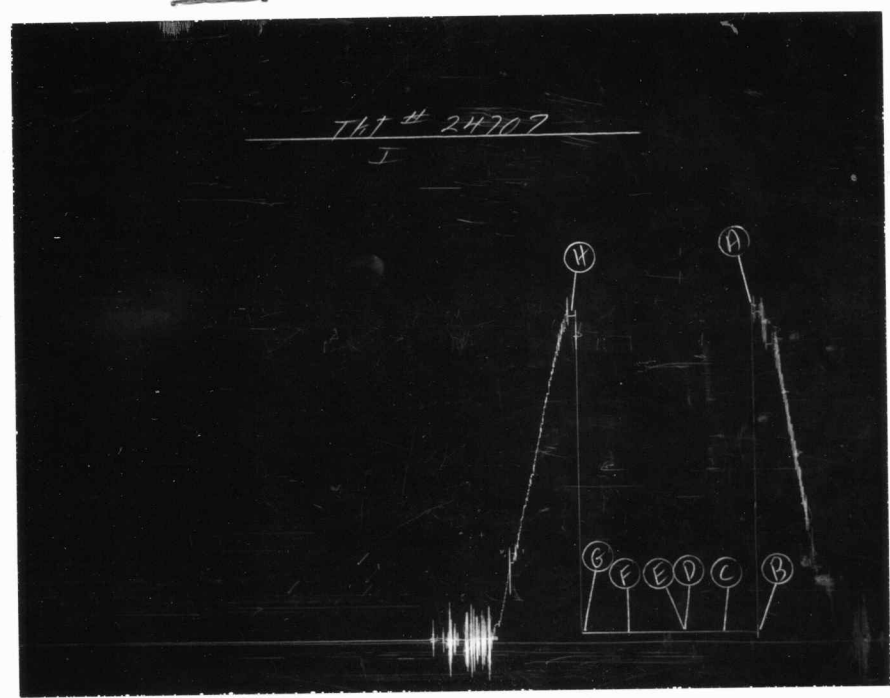
Pressure Data

Date 7-2-75 Test Ticket No. 24707
 Recorder No. 2607 Capacity 4150 Location 3422 Ft.
 Clock No. 6774 Elevation 2467 Kelly Bushing Well Temperature 99 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1914</u>	P.S.I.	<u>1:38 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>50</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>59</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>59</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
E Second Initial Flow Pressure	<u>59</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
F Second Final Flow Pressure	<u>59</u>	P.S.I.		
G Final Closed-in Pressure	<u>59</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1858</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
	final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>0</u> Min.	
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes
P 1	<u>50</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>59</u>	<u>0</u>	<u>59</u>	<u>0</u>
P 2	<u>55</u>	<u>3</u>	<u>59</u>	<u>5</u>	<u>59</u>	<u>3</u>	<u>59</u>	<u>3</u>
P 3	<u>58</u>	<u>6</u>	<u>59</u>	<u>10</u>	<u>59</u>	<u>6</u>	<u>59</u>	<u>6</u>
P 4	<u>59</u>	<u>9</u>	<u>59</u>	<u>15</u>	<u>59</u>	<u>9</u>	<u>59</u>	<u>9</u>
P 5	<u>59</u>	<u>12</u>	<u>59</u>	<u>20</u>	<u>59</u>	<u>12</u>	<u>59</u>	<u>12</u>
P 6	<u>59</u>	<u>15</u>	<u>59</u>	<u>25</u>	<u>59</u>	<u>15</u>	<u>59</u>	<u>15</u>
P 7	<u>59</u>	<u>18</u>	<u>59</u>	<u>30</u>	<u>59</u>	<u>18</u>	<u>59</u>	<u>18</u>
P 8		<u>21</u>	<u>59</u>	<u>35</u>	<u>59</u>	<u>21</u>	<u>59</u>	<u>21</u>
P 9		<u>24</u>	<u>59</u>	<u>40</u>	<u>59</u>	<u>24</u>	<u>59</u>	<u>24</u>
P10		<u>27</u>	<u>59</u>	<u>45</u>	<u>59</u>	<u>27</u>	<u>59</u>	<u>27</u>
P11		<u>30</u>	<u>59</u>			<u>30</u>	<u>59</u>	
P12								
P13								
P14								
P15								
P16								
P17								
P18								
P19								
P20								



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1962	1914	PSI
(B) First Initial Flow Pressure	54	50	PSI
(C) First Final Flow Pressure	54	59	PSI
(D) Initial Closed-in Pressure	54	59	PSI
(E) Second Initial Flow Pressure	54	59	PSI
(F) Second Final Flow Pressure	54	59	PSI
(G) Final Closed-in Pressure	54	59	PSI
(H) Final Hydrostatic Mud	1899	1858	PSI