



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

20-85-19W

Company Abercrombie Drilling Inc. Lease & Well No. Veverka # 1
Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 10708
Date 8-31-68 Sec. 20 Twp. 8s Range 19w County Rooks State Kansas
Test Approved by Jack K. Wharton Western Representative Ernest Luckert

Formation Test No. 1 O.K. Misrun _____ Interval Tested From 3123' to 3135' Total Depth 3135'
Size Main Hole 6 3/4" Rat Hole _____ Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes No
Packer Depth 3123 Ft. Size 6 Packer Depth 3118 Ft. Size 6
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No

Tool Size 4 3/4" OD Tool Jt. Size 4" FH & 3 1/2" IF Anchor Length 12 Ft. Size 4 1/2" OD

RECORDERS Depth 3k06 Ft. Clock No. 6873 Depth 3126 Ft. Clock No. 8476
Top Make Kuster Cap. 3150 No. 1562 ~~Inside~~ Outside Bottom Make Kuster Cap. 3150 No. 1563 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Outside _____ Bottom Make _____ Cap. _____ No. _____ Outside _____

Time Set Packer 3106 8:31 AM
Tool Open I.F.P. From 8:31 M. to 8:43 AM. Hr. 10 Min. From (B) 11 P.S.I. To (C) 11 P.S.I.
Tool Closed I.C.I.P. From 8:43 M. to 9:13 AM. Hr. 30 Min. (D) 1119 P.S.I.
Tool Open F.F.P. From 9:13 M. to 9:38 AM. Hr. 25 Min. From (E) 12 P.S.I. To (F) 12 P.S.I.
Tool Closed F.C.I.P. From 9:38 M. to 10:08 AM. Hr. 30 Min. (G) 1031 P.S.I.
Initial Hydrostatic Pressure (A) 1655 P.S.I. Final Hydrostatic Pressure (H) 1644 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____

BLOW Weak for two minutes, flushed tool during second flow period Bottom Choke Size 3/4 In.
Did Well Flow Yes No _____ Recovery Total Ft. 10 feet drilling mud

Reversed Out Yes No _____ Mud Type starch Viscosity 36 Weight 10.1 Water Loss 8/4 cc. Maximum Temp. 103 °F
Type Circ. Sub. plug Did Tool Plug? _____ Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Did Packer Hold? _____ Where? _____
Length Drill Pipe 1860 ft. I.D. Drill Pipe 2.69 in. Length Weight Pipe 1240 ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 35 ft.

Remarks Set down on 2 feet of shale junk, etc.

WESTERN TESTING CO., INC.
Pressure Data

Date 8-31-68 Test Ticket No. 10708
 Recorder No. 1562 Capacity 3150 Location 3106 Ft.
 Clock No. 6873 Elevation 2008 Kelly Bushing Well Temperature 103 °F

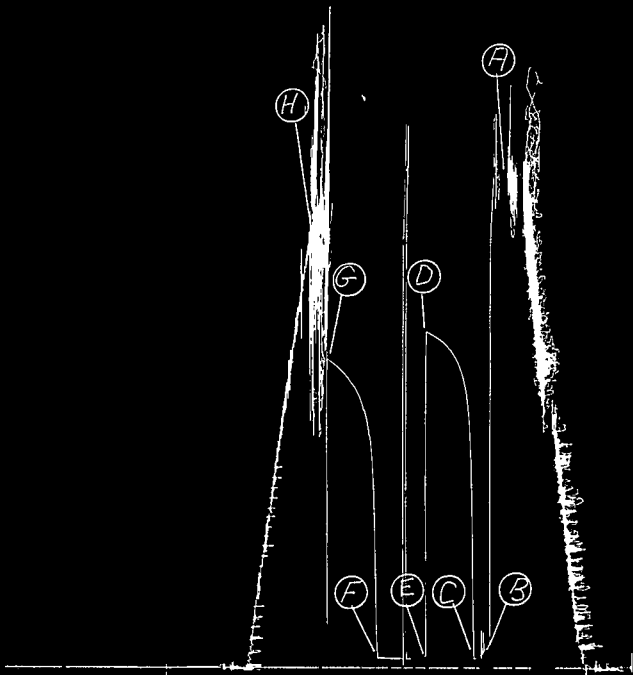
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1655</u>	<u>1655</u> P.S.I.	<u>8:31</u> A M	
B First Initial Flow Pressure	<u>11</u>	P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>11</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1119</u>	P.S.I.	<u>25</u> Mins.	<u>25</u> Mins.
E Second Initial Flow Pressure	<u>12</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>12</u>	P.S.I.		
G Final Closed-in Pressure	<u>1031</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1644</u>	P.S.I.		

PRESSURE BREAKDOWN

Point	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.			
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u> <u>11</u>	<u>0</u> <u>11</u>	<u>0</u> <u>12</u>	<u>0</u> <u>12</u>			
P 2	<u>5</u> <u>11</u>	<u>3</u> <u>741</u>	<u>5</u> <u>12</u>	<u>3</u> <u>330</u>			
P 3	<u>10</u> <u>11</u>	<u>6</u> <u>929</u>	<u>10</u> <u>12</u>	<u>6</u> <u>745</u>			
P 4	<u>9</u> <u>998</u>	<u>45</u> <u>42</u>	<u>9</u> <u>858</u>				
P 5		<u>9</u> <u>998</u>	<u>15</u> <u>12</u>	<u>9</u> <u>858</u>			
P 6		<u>12</u> <u>1039</u>	<u>20</u> <u>12</u>	<u>12</u> <u>901</u>			
P 7		<u>15</u> <u>1058</u>	<u>25</u> <u>12</u>	<u>15</u> <u>934</u>			
P 8		<u>18</u> <u>1080</u>		<u>18</u> <u>953</u>			
P 9		<u>21</u> <u>1092</u>		<u>21</u> <u>978</u>			
P 10		<u>24</u> <u>1102</u>		<u>24</u> <u>995</u>			
P 11		<u>27</u> <u>1110</u>		<u>27</u> <u>1007</u>			
P 12		<u>30</u> <u>1119</u>		<u>30</u> <u>1031</u>			
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

ABERCROMBIE DRILLING INC.
VEVERKA #1

T.K.T 10708
TEST #1





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

20-75-19w

Company Abercrombie Drilling Co. Lease & Well No. Veverka # 1
Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 11723
Date 8-31-68 Sec. 20 Twp. 7s Range 19w County Rooks State Kansas
Test Approved by Jack H. Wharton Western Representative Kenneth Cheney

Formation Test No. 2 O.K. Misrun _____ Interval Tested From 3162' to 3220' Total Depth 3220'
Size Main Hole 6 3/4 at Hole _____ Conv. B.T. _____ Damaged _____ Yes No Conv. B.T. _____ Damaged _____ Yes No
Top Packer Depth 3157 Ft. Size 6 Packer Depth 3162 Ft. Size 6
Straddle _____ Yes _____ No Conv. _____ B.T. _____ Damaged _____ Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 3 1/2" IF-4" FH Anchor Length 58 Ft. Size 4 1/2" OD

RECORDERS Depth 3182 Ft. Clock No. 9103 Depth 3184 Ft. Clock No. 8367
Top Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Depth _____ Ft. Clock No. _____
Top Make _____ Cap. _____ No. _____ ~~Inside~~ Outside Bottom Make _____ Cap. _____ No. _____ ~~Inside~~ Outside

Time Set Packer 10:43 P M
Tool Open I.F.P. From 10:45 M. to 10:55 P.M. Hr. 10 Min. From (B) 16 P.S.I. To (C) 16 P.S.I.
Tool Closed I.C.I.P. From 10:55 M. to 11:25 P.M. Hr. 30 Min. (D) 898 P.S.I.
Tool Open F.F.P. From 11:25 M. to 11:50 P.M. Hr. 25 Min. From (E) 19 P.S.I. To (F) 12 P.S.I.
Tool Closed F.C.I.P. From 11:50 M. to 12:25 P.M. Hr. 30 Min. (G) 803 P.S.I.
Initial Hydrostatic Pressure (A) 1712 P.S.I. Final Hydrostatic Pressure (H) 1701 P.S.I.

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

BLOW Weak for 8 minutes Bottom Choke Size 1/2 In.
Did Well Flow _____ Yes No _____ Recovery Total Ft. 20 feet mud

Reversed Out _____ Yes No _____ Mud Type salt Viscosity 37 Weight 9.9 Water Loss 8.4 cc. Maximum Temp. 99 °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 1948 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1272 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 78 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 8-31-68 Test Ticket No. 11723
 Recorder No. 2608 Capacity 4150 Location 3182 Ft.
 Clock No. 9103 Elevation 2008 Kelly Bushing Well Temperature 99 °F

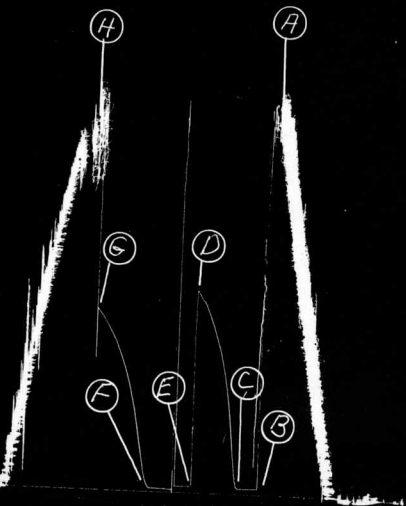
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1712</u>	<u>1712</u> P.S.I.	<u>10:43 P M</u>	
B First Initial Flow Pressure	<u>16</u>	P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>16</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>898</u>	P.S.I.	<u>25</u> Mins.	<u>25</u> Mins.
E Second Initial Flow Pressure	<u>19</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>12</u>	P.S.I.		
G Final Closed-in Pressure	<u>803</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1701</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>16</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>19</u>	<u>0</u>	<u>12</u>
P 2	<u>16</u>	<u>3</u>	<u>99</u>	<u>5</u>	<u>19</u>	<u>3</u>	<u>52</u>
P 3	<u>16</u>	<u>6</u>	<u>280</u>	<u>10</u>	<u>19</u>	<u>6</u>	<u>160</u>
P 4		<u>9</u>	<u>460</u>	<u>15</u>	<u>12</u>	<u>9</u>	<u>312</u>
P 5		<u>12</u>	<u>584</u>	<u>20</u>	<u>12</u>	<u>12</u>	<u>418</u>
P 6		<u>15</u>	<u>681</u>	<u>25</u>	<u>12</u>	<u>15</u>	<u>508</u>
P 7		<u>18</u>	<u>739</u>			<u>18</u>	<u>567</u>
P 8		<u>21</u>	<u>794</u>			<u>21</u>	<u>629</u>
P 9		<u>24</u>	<u>834</u>			<u>24</u>	<u>681</u>
P10		<u>27</u>	<u>867</u>			<u>27</u>	<u>715</u>
P11		<u>30</u>	<u>898</u>			<u>30</u>	<u>751</u>
P12						<u>33</u>	<u>803</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

ABERCROMBIE DRILLING INC.
VEVERKA #1

T.K.T 11723
TEST #2





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

20-85-19W

Company Abercrombie Drilling Inc. Lease & Well No. Veverka # 1
Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay 6 Ft. Ticker No. 11724
Date 9-1-68 Sec. 20 Twp. 8S Range 19W County Rooks State Kansas
Test Approved by Jack K. Wharton Western Representative Kenneth Cheney

Formation Test No. 3 O.K. Misrun _____ Interval Tested From 3218' to 3250' Total Depth 3250'
Size Main Hole 6 3/4 Rat Hole _____ Conv. B.T. Damaged Yes No Conv. B.T. Damaged Yes No
Packer Depth 3213 Ft. Size 6 Packer Depth 3218 Ft. Size 6
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No

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

RECORDERS Depth 3243 Ft. Clock No. 9103 Depth 3245 Ft. Clock No. 8378
Top Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Outside
Top Make _____ Cap. _____ No. _____ Inside Bottom Make _____ Cap. _____ No. _____ Outside

Time Set Packer 9:58 A M
Tool Open I.F.P. From 10:00 M. to 10:05 A.M. Hr. 5 Min. From (B) 56 P.S.I. To (C) 99 P.S.I.
Tool Closed I.C.I.P. From 10:05 M. to 10:35 A.M. Hr. 30 Min. (D) 1184 P.S.I.
Tool Open F.F.P. From 10:35 M. to 11:35 A.M. 1 Hr. - Min. From (E) 147 P.S.I. To (F) 662 P.S.I.
Tool Closed F.C.I.P. From 11:35 M. to 12:05 A.M. Hr. 30 Min. (G) 1091 P.S.I.
Initial Hydrostatic Pressure (A) 1753 P.S.I. Final Hydrostatic Pressure (H) 1745 P.S.I.

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

BLOW STRONG Bottom Choke Size 1/2 In.

Did Well Flow ~~Yes~~ No Recovery Total Ft. 1492 feet salty oil cut salt water

Reversed Out Yes _____ No Mud Type salt Viscosity 37 Weight 9.9 Water Loss 8.4 cc. Maximum Temp. 99 °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 1926 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1272 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 52 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 9-1-68 Test Ticket No. 11724
 Recorder No. 2608 Capacity 4150 Location 3243 Ft.
 Clock No. 9103 Elevation 2008 Kelly Bushing Well Temperature 99 °F

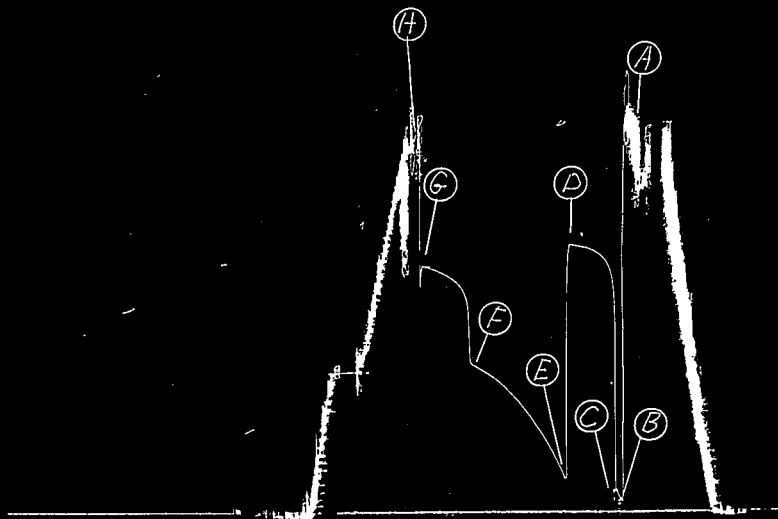
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1753</u>	P.S.I.	<u>9:58 A</u>	<u>M</u>
B First Initial Flow Pressure	<u>56</u>	P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>99</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1184</u>	P.S.I.	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>147</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>662</u>	P.S.I.		
G Final Closed-in Pressure	<u>1091</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1745</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>56</u>	<u>0</u>	<u>99</u>	<u>0</u>	<u>147</u>	<u>0</u>	<u>662</u>
P 2 <u>5</u>	<u>99</u>	<u>3</u>	<u>780</u>	<u>5</u>	<u>203</u>	<u>3</u>	<u>937</u>
P 3 <u>10</u>		<u>6</u>	<u>1047</u>	<u>10</u>	<u>280</u>	<u>6</u>	<u>993</u>
P 4 <u>15</u>		<u>9</u>	<u>1115</u>	<u>15</u>	<u>343</u>	<u>9</u>	<u>1018</u>
P 5 <u> </u>		<u>12</u>	<u>1138</u>	<u>20</u>	<u>397</u>	<u>12</u>	<u>1037</u>
P 6 <u> </u>		<u>15</u>	<u>1155</u>	<u>25</u>	<u>449</u>	<u>15</u>	<u>1051</u>
P 7 <u> </u>		<u>18</u>	<u>1167</u>	<u>30</u>	<u>493</u>	<u>18</u>	<u>1064</u>
P 8 <u> </u>		<u>21</u>	<u>1173</u>	<u>35</u>	<u>532</u>	<u>21</u>	<u>1073</u>
P 9 <u> </u>		<u>24</u>	<u>1178</u>	<u>40</u>	<u>567</u>	<u>24</u>	<u>1080</u>
P10 <u> </u>		<u>27</u>	<u>1181</u>	<u>45</u>	<u>597</u>	<u>27</u>	<u>1086</u>
P11 <u> </u>		<u>30</u>	<u>1184</u>	<u>50</u>	<u>621</u>	<u>30</u>	<u>1091</u>
P12 <u> </u>				<u>55</u>	<u>644</u>		
P13 <u> </u>				<u>60</u>	<u>662</u>		
P14 <u> </u>							
P15 <u> </u>							
P16 <u> </u>							
P17 <u> </u>							
P18 <u> </u>							
P19 <u> </u>							
P20 <u> </u>							

ABERCROMBIE DRIG. INC.
VEVERKA #1

T.K.T 11724
TEST #3





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

20-85-19W

Company Abercrombie Drilling Inc. Lease & Well No. Veverka # 1
Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay. 10 Ft. Ticket No. 11725
Date 9-2-68 Sec. 20 Twp. 8s Range 19w County Rooks State Kansas
Test Approved by Jack K. Wharton Western Representative Kenneth Cheney

Formation Test No. 4 O.K. Misrun _____ Interval Tested From 3307' to 3350' Total Depth 3350'
Size Main Hole 6 3/4 Rat Hole _____ Conv. B.T. _____ Damaged Yes No Conv. B.T. _____ Damaged Yes No
Top Packer Depth 3302 Ft. Size 6 Packer Depth 3307 Ft. Size 6
Straddle Yes _____ No Conv. _____ B.T. _____ Damaged Yes _____ No

Packer Depth _____ Ft. Size _____
Tool Size 4 1/2" OD Tool Jt. Size 4" FH - 3 1/2" IF Anchor Length 43 Ft. Size 4 1/2" OD

RECORDERS Depth 3343 Ft. Clock No. 9103 Depth 3345 Ft. Clock 8378
Top Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Outside
Top Make _____ Cap. _____ No. _____ Inside Bottom Make _____ Cap. _____ No. _____ Outside

Time Set Packer 8:36 A M
Tool Open I.F.P. From 8:37 M. to 8:45 A M. Hr. 8 Min. From (B) 27 P.S.I. To (C) 62 P.S.I.
Tool Closed I.C.I.P. From 8:45 M. to 9:15 A M. Hr. 30 Min. (D) 1273 P.S.I.
Tool Open F.F.P. From 9:15 M. to 10:45 A M. Hr. 30 Min. From (E) 74 P.S.I. To (F) 485 P.S.I.
Tool Closed F.C.I.P. From 10:45 M. to 11:15 A M. Hr. 30 Min. (G) 1254 P.S.I.
Initial Hydrostatic Pressure (A) 1803 P.S.I. Final Hydrostatic Pressure (H) 1791 P.S.I.

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

BLOW Strong Bottom Choke Size 1/2 In.
Did Well Flow Yes No _____ Recovery Total Ft. 980 feet muddy salt water

Reversed Out Yes No _____ Mud Type salt Viscosity 37 Weight 9.9 Water Loss 8.6 cc. Maximum Temp. 100 °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 2015 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1272 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 63 ft.

Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 9-2-68 Test Ticket 11725
 Recorder No. 2608 Capacity 4150 Location 3343 Ft.
 Clock No. 9103 Elevation 2008 Kelly Bushing Well Temperature 100 °F

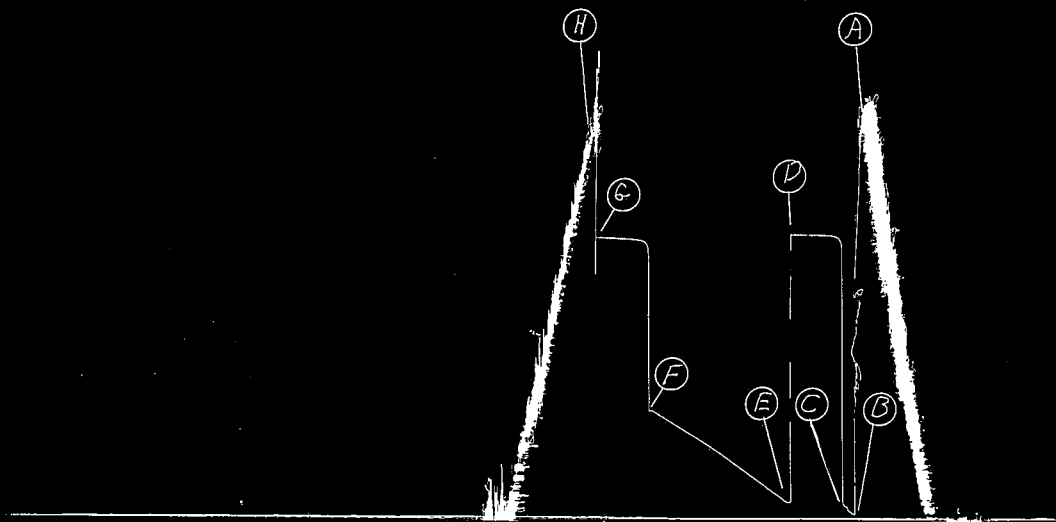
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1803</u> P.S.I.	Opened Tool	<u>8:36</u> A M	
B First Initial Flow Pressure	<u>27</u> P.S.I.	First Flow Pressure	<u>8</u> Mins.	<u>8</u> Mins.
C First Final Flow Pressure	<u>62</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1273</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>85</u> Mins.
E Second Initial Flow Pressure	<u>74</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>485</u> P.S.I.			
G Final Closed-in Pressure	<u>1254</u> P.S.I.			
H Final Hydrostatic Mud	<u>1791</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Point Minutes	Initial Shut-In	Point Minutes	Second Flow Pressure	Point Minutes	Final Shut-In
	Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.		Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.		Breakdown: <u>17</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.		Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.
	Press.		Press.		Press.		Press.
P 1	<u>0</u>	<u>0</u>	<u>62</u>	<u>0</u>	<u>74</u>	<u>0</u>	<u>485</u>
P 2	<u>5</u>	<u>3</u>	<u>668</u>	<u>5</u>	<u>89</u>	<u>3</u>	<u>1219</u>
P 3	<u>8</u>	<u>6</u>	<u>1256</u>	<u>10</u>	<u>118</u>	<u>6</u>	<u>1240</u>
P 4		<u>9</u>	<u>1267</u>	<u>15</u>	<u>145</u>	<u>9</u>	<u>1246</u>
P 5		<u>12</u>	<u>1269</u>	<u>20</u>	<u>172</u>	<u>12</u>	<u>1250</u>
P 6		<u>15</u>	<u>1273</u>	<u>25</u>	<u>199</u>	<u>15</u>	<u>1252</u>
P 7		<u>18</u>	<u>1273</u>	<u>30</u>	<u>228</u>	<u>18</u>	<u>1252</u>
P 8		<u>21</u>	<u>1273</u>	<u>35</u>	<u>253</u>	<u>21</u>	<u>1252</u>
P 9		<u>24</u>	<u>1273</u>	<u>40</u>	<u>280</u>	<u>24</u>	<u>1253</u>
P 10		<u>27</u>	<u>1273</u>	<u>45</u>	<u>303</u>	<u>27</u>	<u>1254</u>
P 11		<u>30</u>	<u>1273</u>	<u>50</u>	<u>328</u>	<u>30</u>	<u>1254</u>
P 12				<u>55</u>	<u>355</u>		
P 13				<u>60</u>	<u>378</u>		
P 14				<u>65</u>	<u>403</u>		
P 15				<u>70</u>	<u>425</u>		
P 16			<u>-75</u>	<u>447.75</u>	<u>447</u>		
P 17				<u>80</u>	<u>470</u>		
P 18				<u>85</u>	<u>485</u>		
P 19							
P 20							

ABERCROMBIE DRILLING INC.
VEVERKA #1

T.K.T 11725
TEST # 4





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

20-85-19w

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

Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 11351

Date 9-3-68 Sec. 20 Twp. 8E Range 19W County Rooks State Kansas

Test Approved by Jack K. Wharton Western Representative Kenneth Cheney

Formation Test No. 5 O.K. Misrun _____ Interval Tested From 3356' to 3375' Total Depth 3375'

Size Main Hole 6 3/4 Rat Hole _____ Conv B.T. _____ Damaged Yes No Conv B.T. _____ Damaged Yes No

Top Packer Depth 3351 Ft. Size 6 Packer Depth 3356 Ft. Size 6

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

Packer Depth _____ Ft. Size _____

Tool Size 4 1/2" OD Tool Jt. Size 1" FH-3 1/2" IF Anchor Length 19 Ft. Size 4 1/2" OD

RECORDERS Depth 3368 Ft. Clock No. 9103 Depth 3370 Ft. Clock No. 8378

Top Make Kuster Cap. 4150 No. 2608 ~~Inside~~ Outside Bottom Make Kuster Cap. 4200 No. 1558 ~~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 2:24 A _____ M

Tool Open I.F.P. From 2:25 M. to 2:35 A M. Hr. 10 Min. From (B) 22 P.S.I. To (C) 22 P.S.I.

Tool Closed I.C.I.P. From 2:35 M. to 3:05 A M. Hr. 30 Min. (D) 563 P.S.I.

Tool Open F.F.P. From 3:05 M. to 3:25 A M. Hr. 20 Min. From (E) 22 P.S.I. To (F) 22 P.S.I.

Tool Closed F.C.I.P. From 3:25 M. to 3:55 A M. Hr. 30 Min. (G) 681 P.S.I.

Initial Hydrostatic Pressure (A) 1853 P.S.I. Final Hydrostatic Pressure (H) 1841 P.S.I.

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

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

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

Reversed Out Yes No _____ Mud Type salt Viscosity 37 Weight 10.0 Water Loss 18.4 cc. Maximum Temp. 101 °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 2064 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1272 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 9-3-68 Test Ticket No. 111351
 Recorder No. 2608 Capacity 4150 Location 3368 Ft.
 Clock No. 9103 Elevation 2008 Kelly Bushing Well Temperature 101 °F

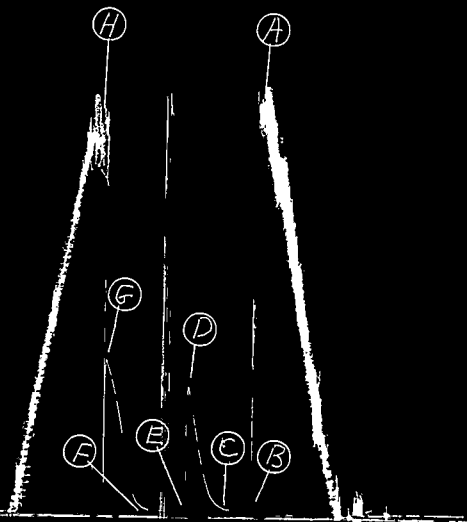
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1853</u> P.S.I.	Opened Tool	<u>2:24</u> A M	
B First Initial Flow Pressure	<u>22</u> P.S.I.	First Flow Pressure	<u>9</u>	<u>10</u> Mins. <u>10</u> Mins.
C First Final Flow Pressure	<u>22</u> P.S.I.	Initial Closed-in Pressure		<u>30</u> Mins. <u>30</u> Mins.
D Initial Closed-in Pressure	<u>563</u> P.S.I.	Second Flow Pressure		<u>20</u> Mins. <u>20</u> Mins.
E Second Initial Flow Pressure	<u>22</u> P.S.I.	Final Closed-in Pressure		<u>30</u> Mins. <u>30</u> Mins.
F Second Final Flow Pressure	<u>22</u> P.S.I.			
G Final Closed-in Pressure	<u>681</u> P.S.I.			
H Final Hydrostatic Mud	<u>1841</u> P.S.I.			

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In
	Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>4</u> Inc. of <u>5</u> mins. and a final inc. of <u> </u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u> </u> Min.
	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>0</u>	<u>22</u>	<u>0</u>	<u>22</u>
P 2	<u>5</u>	<u>22</u>	<u>5</u>	<u>22</u>
P 3	<u>10</u>	<u>22</u>	<u>10</u>	<u>22</u>
P 4			<u>15</u>	<u>22</u>
P 5			<u>20</u>	<u>22</u>
P 6				<u>15</u>
P 7				<u>18</u>
P 8				<u>21</u>
P 9				<u>24</u>
P10				<u>27</u>
P11				<u>30</u>
P12				
P13				
P14				
P15				
P16				
P17				
P18				
P19				
P20				

ABERCROMBIE DRILLING INC.
VEVERKA #1

T.K.T 11351
TEST #5





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

20-25-19W

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

Elevation 2008 Kelly Bushing Formation Kansas City Effective Pay 8 Ft. Ticker No. 11352

Date 9-4-68 Sec. 20 Twp. 8s Range 19w County Rooks State Kansas

Test Approved by Jack E. Wharton Western Representative Kenneth Cheney

Formation Test No. 6 O.K. Misrun Interval Tested From 3454' to 3462' Total Depth 3462'

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

Packer Depth 3449 Ft. Size 6 Packer Depth 3454 Ft. Size 6

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

Packer Depth _____ Ft. Size _____

Tool Size 4 1/2" OD Tool Jr. Size 4" FH-2 1/2" I.P. Anchor Length 8 Ft. Size 4 1/2" OD

RECORDERS Depth 3444 Ft. Clock No. 9103 Depth 3460 Ft. Clock No. 8378

Top Make Kuster Cap. 4150 No. 2608 Inside Outside Bottom Make Kuster Cap. 4200 No. 1558 Inside Outside

Below Straddle: Depth _____ Clock No. _____ Depth _____ Ft. Clock No. _____

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

Time Set Packer 12:54 A M

Tool Open I.F.P. From 12:55 M. to 1:05A M. Hr. 10 Min. From (B) 8 P.S.I. To (C) 8 P.S.I.

Tool Closed I.C.I.P. From 1:05 M. to 1:35A M. Hr. 30 Min. (D) 31 P.S.I.

Tool Open F.F.P. From 1:35 M. to 2:00A M. Hr. 25 Min. From (E) 8 P.S.I. To (F) 8 P.S.I.

Tool Closed F.C.I.P. From 2:00 M. to 2:30A M. Hr. 30 Min. (G) 27 P.S.I.

Initial Hydrostatic Pressure (A) 1874 P.S.I. Final Hydrostatic Pressure (H) 1859 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Weak for 5 minutes Bottom Choke Size 1/2 In.

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

Reversed Out Yes No Mud Type salt Viscosity 37 Weight 19.0 Water Loss 12.4 cc. Maximum Temp. 101 °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 2158 ft. I.D. Drill Pipe 2.7 in. Length Weight Pipe 1272 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 32 ft.

Remarks Flush tool after 10 minutes and 20 minutes

WESTERN TESTING CO., INC.
Pressure Data

Date 9-4-68 Test Ticket No. 11354
 Recorder No. 2608 Capacity 4150 Location 3444 Ft.
 Clock No. 9103 Elevation 2008 Kelly Bushing Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1874</u>	P.S.I.	<u>12:45</u> A M	
B First Initial Flow Pressure	<u>8</u>	P.S.I.	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>8</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>31</u>	P.S.I.	<u>25</u> Mins.	<u>25</u> Mins.
E Second Initial Flow Pressure	<u>8</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>8</u>	P.S.I.		
G Final Closed-in Pressure	<u>27</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1859</u>	P.S.I.		

PRESSURE BREAKDOWN

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>2</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.	Breakdown: <u>5</u> Inc. of <u>5</u> mins. and a final inc. of _____ Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of _____ Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>8</u>	<u>0</u>	<u>8</u>	<u>8</u>	<u>0</u>	<u>8</u>	
P 2	<u>8</u>	<u>3</u>	<u>8</u>	<u>8</u>	<u>3</u>	<u>8</u>	
P 3	<u>8</u>	<u>6</u>	<u>8</u>	<u>8</u>	<u>6</u>	<u>8</u>	
P 4		<u>9</u>	<u>8</u>	<u>8</u>	<u>9</u>	<u>8</u>	
P 5		<u>12</u>	<u>10</u>	<u>8</u>	<u>12</u>	<u>8</u>	
P 6		<u>15</u>	<u>12</u>	<u>8</u>	<u>15</u>	<u>10</u>	
P 7		<u>18</u>	<u>14</u>		<u>18</u>	<u>14</u>	
P 8		<u>21</u>	<u>18</u>	<u>21</u>	<u>16</u>	<u>16</u>	
P 9		<u>24</u>	<u>22</u>		<u>24</u>	<u>20</u>	
P 10		<u>27</u>	<u>27</u>		<u>27</u>	<u>24</u>	
P 11		<u>30</u>	<u>31</u>		<u>30</u>	<u>27</u>	
P 12							
P 13							
P 14							
P 15							
P 16							
P 17							
P 18							
P 19							
P 20							

ABERCROMBIE DRILLING INC.

VEVERKA #1

T.K.T 11352

TEST #6

