



Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Abercrombie Drilling, Inc. Lease & Well No. Voshel B-#1
Elevation 2813 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 22815
Date 1-31-78 Sec. 13 Twp. 19S Range 29W County Lane State Kansas
Test Approved by Orlin Phelps Western Representative Don Leiker
Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 4238' to 4260' Total Depth 4260'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 4233 Ft. Size 6 3/4 Bottom Packer Depth 4238 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 22 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4253 Ft. Clock No. 6774 Depth 4256 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside Outside Bottom Make Kuster Cap. 4500 No. 3086 Inside Outside
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside Depth ☐ Rec. No. ☐ Clock No. ☐ Inside Outside
Time Set Packer 10:10P M
Tool Open I.F.P. From 10:15 M. to 10:45 M. - Hr. 30 Min. From (B) 127 P.S.I. To (C) 485 P.S.I.
Tool Closed I.C.I.P. From 10:45 M. to 11:30 M. - Hr. 45 Min (D) 1050 P.S.I.
Tool Open F.F.P. From 11:30 M. to 12:00A M. - Hr. 30 Min. From (E) 566 P.S.I. To (F) 695 P.S.I.
Tool Closed F.C.I.P. From 12:00 M. to 12:45 M. - Hr. 45 Min. (G) 1007 P.S.I.
Initial Hydrostatic Pressure (A) 2163 P.S.I. Final Hydrostatic Pressure (H) 2130 P.S.I. Maximum Temp. 123

INFORMATION

BLOW Strong blow throughout test.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 1488' muddy water (28,000 ppm chlorides)

Reversed Out ☒ Yes ☐ No Mud Type Drispac Viscosity 45 Weight 9.5 Water Loss 11.2 cc. Chlorides 12,000 ppm

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 Abercrombie #8 Length Drill Pipe? 3336 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 718 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool 41 Ft.

Remarks:

TIGHT HOLE

WESTERN TESTING CO., INC.

Pressure Data

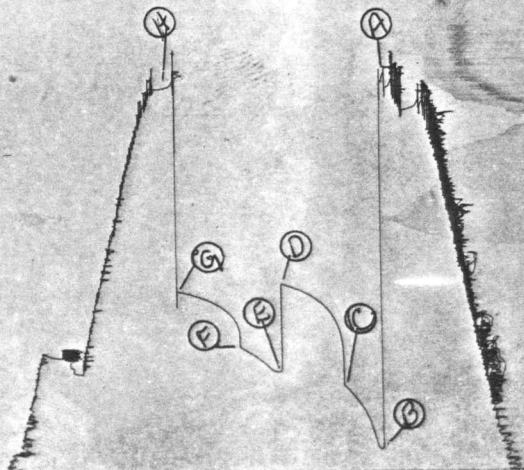
Date 1-31-78 Test Ticket No. 22815
 Recorder No. 1566 Capacity 4300 Location 4253 Ft.
 Clock No. 6774 Elevation 2813 Kelly Bushing Well Temperature 123 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2163</u>	P.S.I.	<u>10:10P</u>	<u>M</u>
B First Initial Flow Pressure	<u>127</u>	P.S.I.	<u>30</u>	<u>Mins.</u>
C First Final Flow Pressure	<u>485</u>	P.S.I.	<u>45</u>	<u>Mins.</u>
D Initial Closed-in Pressure	<u>1050</u>	P.S.I.	<u>30</u>	<u>Mins.</u>
E Second Initial Flow Pressure	<u>566</u>	P.S.I.	<u>45</u>	<u>Mins.</u>
F Second Final Flow Pressure	<u>695</u>	P.S.I.		
G Final Closed-in Pressure	<u>1007</u>	P.S.I.		
H Final Hydrostatic Mud	<u>2130</u>	P.S.I.		

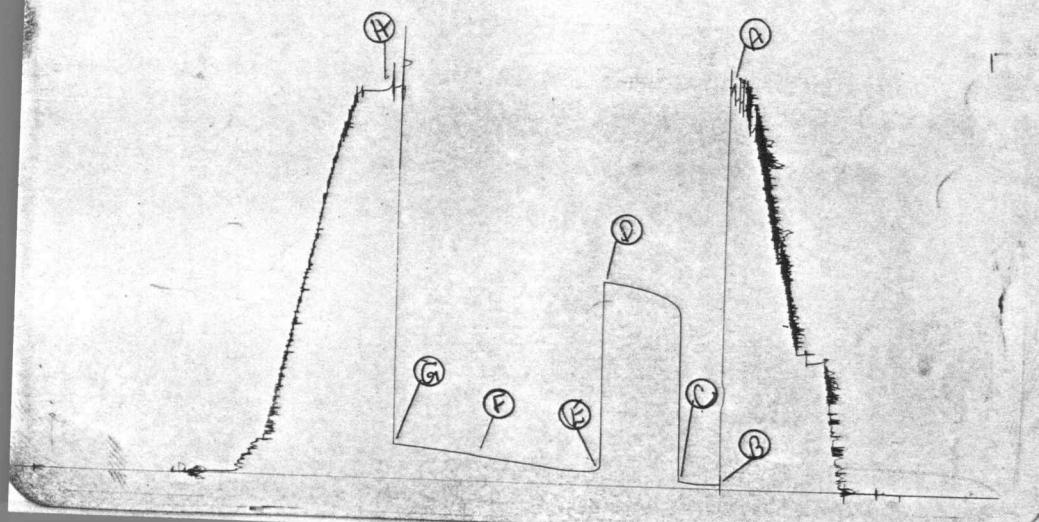
PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>15</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>0</u> Min.		final inc. of <u>0</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>127</u>	<u>0</u>	<u>485</u>	<u>0</u>	<u>566</u>	<u>0</u>	<u>695</u>
P 2 <u>5</u>	<u>190</u>	<u>3</u>	<u>785</u>	<u>5</u>	<u>564</u>	<u>3</u>	<u>834</u>
P 3 <u>10</u>	<u>300</u>	<u>6</u>	<u>842</u>	<u>10</u>	<u>595</u>	<u>6</u>	<u>869</u>
P 4 <u>15</u>	<u>371</u>	<u>9</u>	<u>882</u>	<u>15</u>	<u>626</u>	<u>9</u>	<u>893</u>
P 5 <u>20</u>	<u>420</u>	<u>12</u>	<u>914</u>	<u>20</u>	<u>653</u>	<u>12</u>	<u>912</u>
P 6 <u>25</u>	<u>463</u>	<u>15</u>	<u>938</u>	<u>25</u>	<u>676</u>	<u>15</u>	<u>927</u>
P 7 <u>30</u>	<u>485</u>	<u>18</u>	<u>955</u>	<u>30</u>	<u>695</u>	<u>18</u>	<u>938</u>
P 8		<u>21</u>	<u>971</u>			<u>21</u>	<u>951</u>
P 9		<u>24</u>	<u>987</u>			<u>24</u>	<u>961</u>
P10		<u>27</u>	<u>999</u>			<u>27</u>	<u>970</u>
P11		<u>30</u>	<u>1011</u>			<u>30</u>	<u>977</u>
P12		<u>33</u>	<u>1019</u>			<u>33</u>	<u>985</u>
P13		<u>36</u>	<u>1028</u>			<u>36</u>	<u>992</u>
P14		<u>39</u>	<u>1035</u>			<u>39</u>	<u>999</u>
P15		<u>42</u>	<u>1043</u>			<u>42</u>	<u>1004</u>
P16		<u>45</u>	<u>1050</u>			<u>45</u>	<u>1007</u>
P17							
P18							
P19							
P20							

TKT # 22815
I.



TKT # 22816
I.





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Abercrombie Drilling, Inc. Lease & Well No. Voshell "B" #1
Elevation 2813 Kelly Bush Formation Kansas City Effective Pay - Ft. Ticker No. 22816
Date 2-1-78 Sec. 13 Twp. 19S Range 29W County Lane State Kansas
Test Approved by Orlin R. Phelps Western Representative Don Leiker
Formation Test No. 2 O.K. ☒ Misrun ☐ Interval Tested From 4334' to 4347' Total Depth 4347'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No
Top Packer Depth - Ft. Size - Bottom Packer Depth 4334 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 13 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4338 Ft. Clock No. 6774 Depth 4343 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 ☒ Inside ☐ Outside Bottom Make Kuster Cap. 4500 No. 3086 ☒ Inside ☐ Outside
Below Straddle: Depth - Rec. No. - Clock No. - ☒ Inside ☐ Outside Depth - Ft. Rec. No. - Clock No. - ☒ Inside ☐ Outside
Time Set Packer 3:55P M
Tool Open I.F.P. From 4:00 M. to 4:30 M. - Hr. 30 Min. From (B) 26 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 4:30 M. to 5:30 M. - Hr. 60 Min (D) 1141 P.S.I.
Tool Open F.F.P. From 5:30 M. to 7:00 M. - Hr. 90 Min. From (E) 214 P.S.I. To (F) 145 P.S.I.
Tool Closed F.C.I.P. From 7:00 M. to 8:00 M. - Hr. 60 Min. (G) 194 P.S.I.
Initial Hydrostatic Pressure (A) 2275 P.S.I. Final Hydrostatic Pressure (H) 2243 P.S.I. Maximum Temp. 125

INFORMATION

BLOW Weak steady blow throughout initial flow period. Slightly increasing very weak steady blow throughout final flow period.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 310' sulfur water (29,500 PPM chlorides)

Reversed Out ☐ Yes ☒ No Mud Type Drispac Viscosity 46 Weight 9.5 Water Loss 12.0 cc. Chlorides 12,000 ppm

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

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

DRILLING CONTRACTOR Abercrombie #8

Length Drill Pipe? 3430 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 718 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 27 Ft.

Remarks:

TIGHT HOLE

WESTERN TESTING CO., INC.

Pressure Data

Date 2-1-78

Test Ticket No. 22816

Recorder No. 1566 Capacity 4300 Location 4338 Ft.

Clock No. 6774 Elevation 2813 Kelly Bushing Well Temperature 125 °F

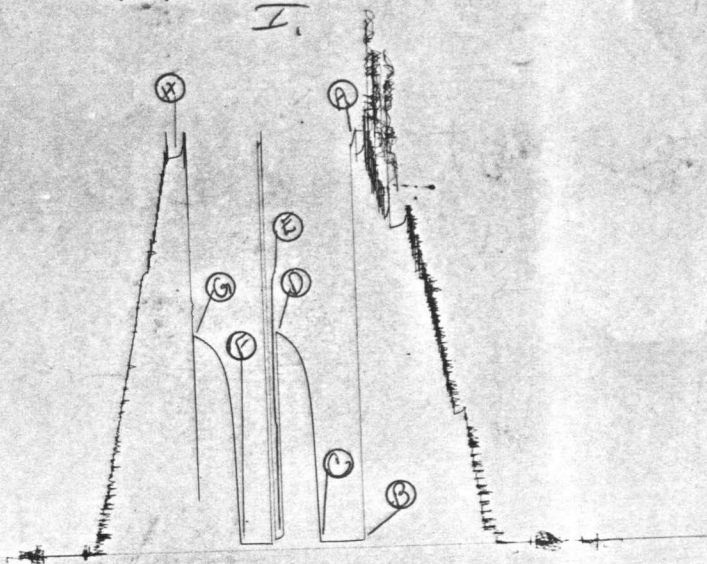
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2275</u> P.S.I.	Open Tool	<u>3:55P</u> M	
B First Initial Flow Pressure	<u>26</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>39</u> P.S.I.	Initial Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
D Initial Closed-in Pressure	<u>1141</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>214</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>145</u> P.S.I.			
G Final Closed-in Pressure	<u>194</u> P.S.I.			
H Final Hydrostatic Mud	<u>2243</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>20</u> Inc.		Breakdown: <u>18</u> Inc.		Breakdown: <u>20</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>0</u> Min.		final inc. of <u>0</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>26</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>214</u>	<u>0</u>	<u>145</u>
P 2 <u>5</u>	<u>24</u>	<u>3</u>	<u>690</u>	<u>5</u>	<u>76</u>	<u>3</u>	<u>147</u>
P 3 <u>10</u>	<u>24</u>	<u>6</u>	<u>1013</u>	<u>10</u>	<u>76</u>	<u>6</u>	<u>151</u>
P 4 <u>15</u>	<u>22</u>	<u>9</u>	<u>1034</u>	<u>15</u>	<u>76</u>	<u>9</u>	<u>153</u>
P 5 <u>20</u>	<u>26</u>	<u>12</u>	<u>1049</u>	<u>20</u>	<u>76</u>	<u>12</u>	<u>156</u>
P 6 <u>25</u>	<u>32</u>	<u>15</u>	<u>1060</u>	<u>25</u>	<u>76</u>	<u>15</u>	<u>158</u>
P 7 <u>30</u>	<u>39</u>	<u>18</u>	<u>1071</u>	<u>30</u>	<u>82</u>	<u>18</u>	<u>162</u>
P 8		<u>21</u>	<u>1079</u>	<u>35</u>	<u>86</u>	<u>21</u>	<u>166</u>
P 9		<u>24</u>	<u>1088</u>	<u>40</u>	<u>91</u>	<u>24</u>	<u>168</u>
P10		<u>27</u>	<u>1094</u>	<u>45</u>	<u>97</u>	<u>27</u>	<u>171</u>
P11		<u>30</u>	<u>1103</u>	<u>50</u>	<u>104</u>	<u>30</u>	<u>173</u>
P12		<u>33</u>	<u>1107</u>	<u>55</u>	<u>108</u>	<u>33</u>	<u>175</u>
P13		<u>36</u>	<u>1111</u>	<u>60</u>	<u>112</u>	<u>36</u>	<u>177</u>
P14		<u>39</u>	<u>1116</u>	<u>65</u>	<u>117</u>	<u>39</u>	<u>179</u>
P15		<u>42</u>	<u>1122</u>	<u>70</u>	<u>123</u>	<u>42</u>	<u>181</u>
P16		<u>45</u>	<u>1124</u>	<u>75</u>	<u>130</u>	<u>45</u>	<u>184</u>
P17		<u>48</u>	<u>1128</u>	<u>80</u>	<u>134</u>	<u>48</u>	<u>186</u>
P18		<u>51</u>	<u>1133</u>	<u>85</u>	<u>140</u>	<u>51</u>	<u>188</u>
P19		<u>54</u>	<u>1135</u>	<u>90</u>	<u>145</u>	<u>54</u>	<u>190</u>
P20		<u>57</u>	<u>1137</u>			<u>57</u>	<u>192</u>
		<u>60</u>	<u>1141</u>			<u>60</u>	<u>194</u>

TK4# 22817

I.





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Abercrombie Drilling, Inc. Lease & Well No. Voshell "B" #1
Elevation 2813 Kelly Bush. Formation Kansas City Effective Pay - Ft. Ticket No. 22817
Date 2-2-78 Sec. 13 Twp. 19S Range 28W County Lane State Kansas
Test Approved by Orlin R. Phelps Western Representative Don Leiker
Formation Test No. 3 O.K. ☒ Misrun ☐ Interval Tested From 4382' to 4415' Total Depth 4415'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No
Top Packer Depth 4377 Ft. Size 6 3/4 Bottom Packer Depth 4382 Ft. Size 6 3/4
Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth ☐ Ft. Size ☐
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 33 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4401 Ft. Clock No. 6774 Depth 4406 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 Inside ☐ Outside ☒ Bottom Make Kuster Cap. 4500 No. 3086 Inside ☐ Outside ☒
Below Straddle: Depth ☐ Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐ Depth ☐ Ft. Rec. No. ☐ Clock No. ☐ Inside ☐ Outside ☐
Time Set Packer 3:25P M
Tool Open I.F.P. From 3:30 M. to 4:00 M. - Hr. 30 Min. From (B) 41 P.S.I. To (C) 33 P.S.I.
Tool Closed I.C.I.P. From 4:00 M. to 4:39 M. - Hr. 30 Min (D) 1221 P.S.I.
Tool Open F.F.P. From 4:30 M. to 5:00 M. - Hr. 30 Min. From (E) 82 P.S.I. To (F) 37 P.S.I.
Tool Closed F.C.I.P. From 5:00 M. to 5:30 M. - Hr. 30 Min. (G) 1212 P.S.I.
Initial Hydrostatic Pressure (A) 2247 P.S.I. Final Hydrostatic Pressure (H) 2206 P.S.I. Maximum Temp. 121

INFORMATION

BLOW Weak blow, dead in 30 minutes, flushed tool. During 5 minutes of final flow period.
No blow.

Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 75' mud (no show)

Reversed Out ☐ Yes ☒ No Mud Type Drispac Viscosity 52 Weight 9.5 Water Loss 12.8 cc. Chlorides 13,000 ppm

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 Abercrombie #8 Length Drill Pipe? 3713 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 718 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars ☐ Ft. I.D. Drill Collars ☐ In.

Tool Joint Size ☐ In. Length D.S.T. Tool 52 Ft.

Remarks:

TIGHT HOLE

WESTERN TESTING CO., INC.

Pressure Data

Date 2-2-78 Test Ticket No. 22817
 Recorder No. 1566 Capacity 4300 Location 4401 Ft.
 Clock No. 6774 Elevation 2813 Kelly Bushing Well Temperature 121 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2247</u> P.S.I.	Open Tool	<u>3:25P</u>	<u>M</u>
B First Initial Flow Pressure	<u>41</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>33</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1221</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>82</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>37</u> P.S.I.			
G Final Closed-in Pressure	<u>1212</u> P.S.I.			
H Final Hydrostatic Mud	<u>2206</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>6</u> Inc.		Breakdown: <u>11</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>0</u> Min.		final inc. of <u>0</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>41</u>	<u>0</u>	<u>33</u>	<u>0</u>	<u>82</u>	<u>0</u>	<u>37</u>
P 2 <u>5</u>	<u>35</u>	<u>3</u>	<u>437</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>357</u>
P 3 <u>10</u>	<u>33</u>	<u>6</u>	<u>757</u>	<u>10</u>	<u>30</u>	<u>6</u>	<u>718</u>
P 4 <u>15</u>	<u>33</u>	<u>9</u>	<u>957</u>	<u>15</u>	<u>35</u>	<u>9</u>	<u>929</u>
P 5 <u>20</u>	<u>33</u>	<u>12</u>	<u>1049</u>	<u>20</u>	<u>35</u>	<u>12</u>	<u>1034</u>
P 6 <u>25</u>	<u>33</u>	<u>15</u>	<u>1107</u>	<u>25</u>	<u>35</u>	<u>15</u>	<u>1090</u>
P 7 <u>30</u>	<u>33</u>	<u>18</u>	<u>1143</u>	<u>30</u>	<u>37</u>	<u>18</u>	<u>1128</u>
P 8		<u>21</u>	<u>1167</u>			<u>21</u>	<u>1154</u>
P 9		<u>24</u>	<u>1190</u>			<u>24</u>	<u>1173</u>
P10		<u>27</u>	<u>1208</u>			<u>27</u>	<u>1190</u>
P11		<u>30</u>	<u>1221</u>			<u>30</u>	<u>1201</u>
P12						<u>33</u>	<u>1212</u>
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

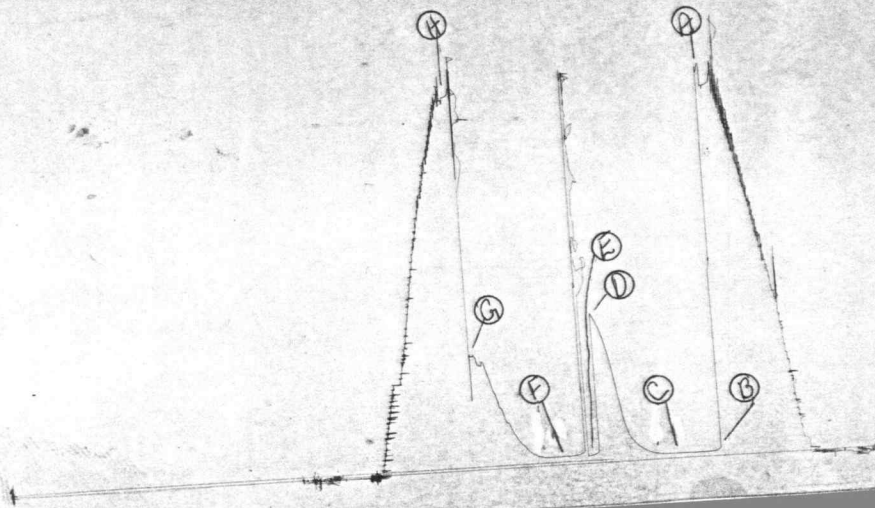
TK+ # 22818

Below Saddle



1566

TK4 # 22818
I.





Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Abercrombie Drilling, Inc. Lease & Well No. Voshell "B" #1
Elevation 2813 Kelly Bush Formation Kansas City Effective Pay - Ft. Ticket No. 22818
Date 2-3-78 Sec. 13 Twp. 19S Range 28W County Lane State Kansas
Test Approved by Orlin R. Phelps Western Representative Don Leiker
Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 4189' to 4215' Total Depth 4415'
Size Main Hole 7 7/8 Rat Hole 12 1/4 Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
Top Packer Depth 4189 Ft. Size 6 3/4 Bottom Packer Depth 4215 Ft. Size 6 3/4
Straddle Yes Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No Packer Depth - Ft. Size -
Tool Size 5 1/2 OD Tool Joint Size 4 1/2 FH Anchor Length 26 Ft. Size 5 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
RECORDERS Depth 4205 Ft. Clock No. 6774 Depth 4208 Ft. Clock No. 6806
Top Make Kuster Cap. 4300 No. 1566 ~~Inside~~ Outside Bottom Make Kuster Cap. 4500 No. 3086 ~~Inside~~ Outside
Below Straddle: Depth - Rec. No. - Clock No. - ~~Inside~~ Outside Depth - Ft. Rec. No. - Clock No. - ~~Inside~~ Outside
Time Set Packer 4:42 A M
Tool Open I.F.P. From 4:45 M. to 5:15 M. - Hr. 30 Min. From (B) 52 P.S.I. To (C) 28 P.S.I.
Tool Closed I.C.I.P. From 5:15 M. to 6:15 M. - Hr. 60 Min (D) 841 P.S.I.
Tool Open F.F.P. From 6:15 M. to 6:45 M. - Hr. 30 Min. From (E) 71 P.S.I. To (F) 48 P.S.I.
Tool Closed F.C.I.P. From 6:45 M. to 7:45 M. - Hr. 60 Min. (G) 648 P.S.I.
Initial Hydrostatic Pressure (A) 2152 P.S.I. Final Hydrostatic Pressure (H) 2143 P.S.I. Maximum Temp. -

INFORMATION

BLOW Fair blow decreasing to dead in 30 minutes. Flushed tool in 8 minutes of final flow period, No blow.

Did Well Flow - Yes ☒ No ☐ Recovery Total Ft. 90' mud.

Reversed Out - Yes ☒ No ☐ Mud Type Driscap Viscosity 57 Weight 9.5 Water Loss 12.8 cc. Chlorides 13,000 ppm

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 Abercrombie #8 Length Drill Pipe? 3493 Ft. I.D. Drill Pipe 3.8 In. Tool Joint Size 4 1/2 XH In.

Length Weight Pipe 719 Ft. I.D. Weight Pipe 2.76 In. Tool Joint Size 4 1/2 FH In. Length Drill Collars - Ft. I.D. Drill Collars - In.

Tool Joint Size - In. Length D.S.T. Tool 53 Ft.

Remarks:

Straddle Test 26' between; 200' below
TIGHT HOLE

WESTERN TESTING CO., INC.

Pressure Data

Date 2-3-78 Recorder No. 1566 Capacity 4300 Test Ticket No. 22818
 Clock No. 6774 Elevation 2813 Kelly Bushing Location 4205 Ft. Well Temperature - °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2152	P.S.I.	4:42A M	
B First Initial Flow Pressure	52	P.S.I.	30 Mins.	30 Mins.
C First Final Flow Pressure	28	P.S.I.	60 Mins.	60 Mins.
D Initial Closed-in Pressure	841	P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	71	P.S.I.	60 Mins.	60 Mins.
F Second Final Flow Pressure	48	P.S.I.		
G Final Closed-in Pressure	648	P.S.I.		
H Final Hydrostatic Mud	2143	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: 20 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 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 0	52	0	28	0	71	0	48
P 2 5	28	3	28	5	48	3	48
P 3 10	27	6	28	10	76	6	48
P 4 15	27	9	29	15	48	9	49
P 5 20	27	12	30	20	48	12	49
P 6 25	28	15	33	25	48	15	60
P 7 30	28	18	39	30	48	18	73
P 8		21	45			21	91
P 9		24	56			24	114
P10		27	73			27	143
P11		30	89			30	184
P12		33	117			33	229
P13		36	158			36	259
P14		39	238			39	329
P15		42	357			42	385
P16		45	487			45	446
P17		48	601			48	524
P18		51	695			51	598
P19		54	759			54	586
P20		57	811			57	639
WTC - 4		60	841			60	648

flushed tool