



Home Office: Great Bend, Kansas

P. O. Box 793 (316) 793-7903

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

Elevation 2205 Derrick Floor Formation Cherokee Sand Effective Pay _____ Ft. Ticket No. 16867

Date 8-4-72 Sec. 8 Twp. 14S Range 21W County Trego State Kansas

Test Approved by Jack K. Wharton Western Representative Guy Max Knipe

Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 3951' to 3974' Total Depth 3974'

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

Packer Depth 3946 Ft. Size 6 3/4" Packer Depth 2951 Ft. Size 6 3/4"

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

Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 23 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3966 Ft. Clock No. 6899 Depth 3969 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside _____ Outside _____ Bottom Make Kuster Cap 40000 No. 3660 Inside _____ Outside _____

Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____

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

Time Set Packer 10:08 P. M

Tool Open I.F.P. From 10:10 M. to 10:25 P.M. Hr. 15 Min. From (B) 22 P.S.I. To (C) 31 P.S.I.

* Tool Closed I.C.I.P. From 10:25 M. to 11:10 P.M. Hr. 45 Min. (D) 929 P.S.I.

Tool Open F.F.P. From 11:10 M. to 12:05 P.M. Hr. 55 Min. From (E) 42 P.S.I. To (F) 107 P.S.I.

Tool Closed F.C.I.P. From 12:05 M. to 12:50 P.M. Hr. 45 Min. (G) 814 P.S.I.

Initial Hydrostatic Pressure (A) 2094 P.S.I. Final Hydrostatic Pressure (H) 2053 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW 1 1/2 inch Blow Decreased to 1/2 inch by end of 2nd Flow Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 30 feet Thin Mud

120 feet Muddy Water

Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 38 Weight 9.8 Water Loss 12 cc. Maximum Temp. 127 °F

Type Circ. Sub. Pin Safety Joint _____ Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? --- Where? _____

Length Drill Pipe 2160 ft. I.D. Drill Pipe 2 1/4 in. Length Weight Pipe 1770 ft. I.D. Weight Pipe 2 1/8 in. Length Drill Collars --- ft.

I.D. Drill Collars --- in. Length D.S.T. Tool 44 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date August 4, 1972 Test Ticket No. 16867
 Recorder No. 3659 Capacity 4000 Location 3966 Ft.
 Clock No. 6899 Elevation 2205 Derrick Floor Well Temperature 127 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2094</u> P.S.I.	Open Tool	<u>10:10</u> P.M.	
B First Initial Flow Pressure	<u>22</u> P.S.I.	First Flow Pressure	<u>15</u> Mins.	<u>14</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>43</u> Mins.
D Initial Closed-in Pressure	<u>929</u> P.S.I.	Second Flow Pressure	<u>55</u> Mins.	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>42</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>107</u> P.S.I.			
G Final Closed-in Pressure	<u>814</u> P.S.I.			
H Final Hydrostatic Mud	<u>2058</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 2 Inc.
 of 5 mins. and a
 final inc. of 4 Min.

Initial Shut-In
 Breakdown: 14 Inc.
 of 3 mins. and a
 final inc. of 1 Min.

Second Flow Pressure
 Breakdown: 11 Inc.
 of 5 mins. and a
 final inc. of 3 Min.

Final Shut-In
 Breakdown: 15 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>22</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>107</u>
P 2 <u>5</u>	<u>24</u>	<u>3</u>	<u>701</u>	<u>5</u>	<u>45</u>	<u>3</u>	<u>555</u>
P 3 <u>10</u>	<u>28</u>	<u>6</u>	<u>804</u>	<u>10</u>	<u>51</u>	<u>6</u>	<u>651</u>
P 4 <u>14</u>	<u>31</u>	<u>9</u>	<u>841</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>692</u>
P 5		<u>12</u>	<u>864</u>	<u>20</u>	<u>61</u>	<u>12</u>	<u>717</u>
P 6		<u>15</u>	<u>881</u>	<u>25</u>	<u>67</u>	<u>15</u>	<u>736</u>
P 7		<u>18</u>	<u>890</u>	<u>30</u>	<u>73</u>	<u>18</u>	<u>749</u>
P 8		<u>21</u>	<u>901</u>	<u>35</u>	<u>79</u>	<u>21</u>	<u>761</u>
P 9		<u>24</u>	<u>906</u>	<u>40</u>	<u>85</u>	<u>24</u>	<u>768</u>
P10		<u>27</u>	<u>912</u>	<u>45</u>	<u>89</u>	<u>27</u>	<u>779</u>
P11		<u>30</u>	<u>916</u>	<u>50</u>	<u>94</u>	<u>30</u>	<u>786</u>
P12		<u>33</u>	<u>919</u>	<u>53</u>	<u>102</u>	<u>33</u>	<u>794</u>
P13		<u>36</u>	<u>922</u>	<u>58</u>	<u>106</u>	<u>36</u>	<u>799</u>
P14		<u>39</u>	<u>925</u>			<u>39</u>	<u>804</u>
P15		<u>42</u>	<u>928</u>			<u>42</u>	<u>809</u>
P16		<u>43</u>	<u>929</u>			<u>45</u>	<u>814</u>
P17							
P18							
P19							
P20							



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

Elevation 2205 Derrick Floor Formation Cherokee Effective Pay _____ Ft. Ticker No. 16868

Date 8-5-72 Sec. 8 Twp. 14S Range 21W County Trego State Kansas

Test Approved by J. C. Misgrove Western Representative Guy Max Knipe

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3976' to 4003' Total Depth 4003'

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

Packer Depth 3971 Ft. Size _____ Packer Depth 3976 Ft. Size 6 3/4"

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

Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 27 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3995 Ft. Clock No. 6899 Depth 3998 Ft. Clock No. 9102

Top Make Kuster Cap 4000 No. 3659 Inside _____ Outside _____ Bottom Make Kuster Cap 4000 No. 3660 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 5:12 A. M.

Tool Open I.F.P. From 5:15 M. to 5:30 A.M. Hr. 15 Min. From (B) 44 P.S.I. To (C) 51 P.S.I.

Tool Closed I.C.I.P. From 5:30 M. to 6:15 A.M. Hr. 45 Min. (D) 934 P.S.I.

Tool Open F.F.P. From 6:15 M. to 7:15 A.M. Hr. 60 Min. From (E) 61 P.S.I. To (F) 117 P.S.I.

Tool Closed F.C.I.P. From 7:15 M. to 8:00 A.M. Hr. 45 Min. (G) 819 P.S.I.

Initial Hydrostatic Pressure (A) 2189 P.S.I. Final Hydrostatic Pressure (H) 2144 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW 3 inch Blow Decreased to 1/2 inch By end of 2nd Flow Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 120 feet Thin Mud

120 feet Muddy Water

Reversed Out _____ Yes ☒ No _____ Mud Type Starch Viscosity 38 Weight 9.8 Water Loss 12 cc. Maximum Temp. 127 °F

Type Circ. Sub. Pin Safety Joint _____ Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? No Did Tool Plug? _____ Where? _____

Length Drill Pipe 2185 ft. I.D. Drill Pipe 2 1/4 in. Length Weight Pipe 1770 ft. I.D. Weight Pipe 2 1/8 in. Length Drill Collars _____ ft.

I.D. Drill Collars _____ in. Length D.S.T. Tool 48 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date August 5, 1972 Test Ticket No. 16868
 Recorder No. 3659 Capacity 4000 Location 3995 Ft.
 Clock No. 6899 Elevation 2205 Derrick Floor Well Temperature 127 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>2189</u> P.S.I.	<u>5:15</u> A. M.	
B First Initial Flow Pressure	<u>44</u> P.S.I.	<u>15</u> Mins.	<u>15</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>934</u> P.S.I.	<u>60</u> Mins.	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>61</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>117</u> P.S.I.		
G Final Closed-in Pressure	<u>819</u> P.S.I.		
H Final Hydrostatic Mud	<u>2144</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 3 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 11 Inc.
 of 5 mins. and a
 final inc. of 3 Min.

Final Shut-In
 Breakdown: 15 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>44</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>61</u>	<u>0</u>	<u>117</u>
P 2 <u>5</u>	<u>44</u>	<u>3</u>	<u>754</u>	<u>5</u>	<u>63</u>	<u>3</u>	<u>545</u>
P 3 <u>10</u>	<u>44</u>	<u>6</u>	<u>822</u>	<u>10</u>	<u>67</u>	<u>6</u>	<u>644</u>
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>856</u>	<u>15</u>	<u>71</u>	<u>9</u>	<u>687</u>
P 5		<u>12</u>	<u>874</u>	<u>20</u>	<u>79</u>	<u>12</u>	<u>719</u>
P 6		<u>15</u>	<u>890</u>	<u>25</u>	<u>83</u>	<u>15</u>	<u>739</u>
P 7		<u>18</u>	<u>898</u>	<u>30</u>	<u>91</u>	<u>18</u>	<u>753</u>
P 8		<u>21</u>	<u>906</u>	<u>35</u>	<u>96</u>	<u>21</u>	<u>767</u>
P 9		<u>24</u>	<u>914</u>	<u>40</u>	<u>102</u>	<u>24</u>	<u>777</u>
P10		<u>27</u>	<u>917</u>	<u>45</u>	<u>108</u>	<u>27</u>	<u>784</u>
P11		<u>30</u>	<u>921</u>	<u>50</u>	<u>112</u>	<u>30</u>	<u>792</u>
P12		<u>33</u>	<u>924</u>	<u>55</u>	<u>115</u>	<u>33</u>	<u>798</u>
P13		<u>36</u>	<u>928</u>	<u>58</u>	<u>117</u>	<u>36</u>	<u>805</u>
P14		<u>39</u>	<u>931</u>			<u>39</u>	<u>810</u>
P15		<u>42</u>	<u>932</u>			<u>42</u>	<u>815</u>
P16		<u>45</u>	<u>934</u>			<u>45</u>	<u>819</u>
P17							
P18							
P19							
P20							