

29-13-76



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

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #2
Elevation 2574 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 17341
Date 3-17-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas
Test Approved by Jack K. Wharton Western Representative James W. Holloway
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3317' to 3365' Total Depth 3365'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged Yes ☒ No Conv. _____ B.T. ☒ Damaged Yes ☒ No
Packer Depth 3312 Ft. Size 6 3/4" Packer Depth 3317 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 48 Ft. Size 5 1/2" O.D.
RECORDERS Depth 3357 Ft. Clock No. 9725 Depth 3359 Ft. Clock No. 6774
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 9:20 A. M.
Tool Open I.F.P. From 9:23 M. to 9:43A M. Hr. 20 Min. From (B) 86 P.S.I. To (C) 65 P.S.I.
Tool Closed I.C.I.P. From 9:43 M. to 10:13A M. Hr. 30 Min. (D) 974 P.S.I.
Tool Open F.F.P. From 10:13 M. to 10:43A M. Hr. 30 Min. From (E) 71 P.S.I. To (F) 65 P.S.I.
Tool Closed F.C.I.P. From 10:43 M. to 11:28A M. Hr. 45 Min. (G) 918 P.S.I.
Initial Hydrostatic Pressure (A) 1875 P.S.I. Final Hydrostatic Pressure (H) 1820 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 for 20 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 30 feet mud with spots of oil on top
Reversed Out _____ Yes ☒ No _____ Mud Type Chem. Viscosity 29 Weight 9.5 Water Loss 19.6 cc. Maximum Temp. 93 °F
Type Circ. Sub. Plug Safety Joint No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where? _____
Length Drill Pipe 1926 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1371 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I.D. Drill Collars _____ in. Length D.S.T. Tool 68 ft.
Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 3-17-72 Recorder No. 2607 Capacity 4150 Test Ticket No. 17341
 Clock No. 9725 Elevation 2574 Kelly Bushings Location 3357 Ft. 93 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1875	P.S.I.	9:20	A _M
B First Initial Flow Pressure	86	P.S.I.	20	Mins.
C First Final Flow Pressure	65	P.S.I.	30	Mins.
D Initial Closed-in Pressure	974	P.S.I.	30	Mins.
E Second Initial Flow Pressure	71	P.S.I.	45	Mins.
F Second Final Flow Pressure	65	P.S.I.		
G Final Closed-in Pressure	918	P.S.I.		
H Final Hydrostatic Mud	1820	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>10</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 _____ 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>86</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>71</u>	<u>0</u>	<u>65</u>
P 2 <u>5</u>	<u>65</u>	<u>3</u>	<u>321</u>	<u>5</u>	<u>69</u>	<u>3</u>	<u>209</u>
P 3 <u>10</u>	<u>65</u>	<u>6</u>	<u>524</u>	<u>10</u>	<u>65</u>	<u>6</u>	<u>402</u>
P 4 <u>15</u>	<u>65</u>	<u>9</u>	<u>670</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>518</u>
P 5 <u>20</u>	<u>65</u>	<u>12</u>	<u>764</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>614</u>
P 6 <u>25</u>		<u>15</u>	<u>822</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>678</u>
P 7 _____		<u>18</u>	<u>868</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>728</u>
P 8 _____		<u>21</u>	<u>905</u>			<u>21</u>	<u>768</u>
P 9 _____		<u>24</u>	<u>933</u>			<u>24</u>	<u>797</u>
P10 _____		<u>27</u>	<u>956</u>			<u>27</u>	<u>822</u>
P11 _____		<u>30</u>	<u>974</u>			<u>30</u>	<u>843</u>
P12 _____						<u>33</u>	<u>859</u>
P13 _____						<u>36</u>	<u>876</u>
P14 _____						<u>39</u>	<u>893</u>
P15 _____						<u>42</u>	<u>905</u>
P16 _____						<u>45</u>	<u>918</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							



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29-15-New

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #2

Elevation 2574 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 17342

Date 3-17-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3366' to 3385' Total Depth 3385'

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

Packer Depth 3361 Ft. Size 6 3/4" Packer Depth 3366 Ft. Size 6 3/4"

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

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 19 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3377 Ft. Clock No. 9725 Depth 3379 Ft. Clock No. 6774

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 7:39 P_M

Tool Open I.F.P. From 7:42 M. to 8:12P.M. Hr. 30 Min. From (B) 207 P.S.I. To (C) 196 P.S.I.

Tool Closed I.C.I.P. From 8:12 M. to 8:57P.M. Hr. 45 Min. (D) 730 P.S.I.

Tool Open F.F.P. From 8:57 M. to 10:57P.M. 2 Hr. Min. From (E) 220 P.S.I. To (F) 247 P.S.I.

Tool Closed F.C.I.P. From 10:57 M. to 11:57P.M. 1 Hr. Min. (G) 692 P.S.I.

Initial Hydrostatic Pressure (A) 1807 P.S.I. Final Hydrostatic Pressure (H) 1798 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. 30 feet oil - 120 feet heavy oil cut mud 360 feet oil cut mud

Reversed Out Yes ☒ No _____ Mud Type Chem. Viscosity 43 Weight 10.2 Water Loss 10.8 cc. Maximum Temp. 94 °F

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

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

Length Drill Pipe _____ ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1371 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 3-17-72 Test Ticket No. 17342
 Recorder No. 2607 Capacity 4150 Location 3377 Ft.
 Clock No. 9725 Elevation 2574 Kelly Bushings Well Temperature 94 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1807</u> P.S.I.	Open Tool	<u>7:39</u> P.	
B First Initial Flow Pressure	<u>207</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>196</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>730</u> P.S.I.	Second Flow Pressure	<u>120</u> Mins.	<u>120</u> Mins.
E Second Initial Flow Pressure	<u>220</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>247</u> P.S.I.			
G Final Closed-in Pressure	<u>692</u> P.S.I.			
H Final Hydrostatic Mud	<u>798</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>24</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 _____ 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>207</u>	<u>0</u>	<u>196</u>	<u>0</u>	<u>220</u>	<u>0</u>	<u>247</u>
P 2 <u>5</u>	<u>205</u>	<u>3</u>	<u>587</u>	<u>5</u>	<u>212</u>	<u>3</u>	<u>451</u>
P 3 <u>10</u>	<u>203</u>	<u>6</u>	<u>649</u>	<u>10</u>	<u>209</u>	<u>6</u>	<u>564</u>
P 4 <u>15</u>	<u>201</u>	<u>9</u>	<u>670</u>	<u>15</u>	<u>209</u>	<u>9</u>	<u>599</u>
P 5 <u>20</u>	<u>198</u>	<u>12</u>	<u>685</u>	<u>20</u>	<u>209</u>	<u>12</u>	<u>622</u>
P 6 <u>25</u>	<u>196</u>	<u>15</u>	<u>695</u>	<u>25</u>	<u>215</u>	<u>15</u>	<u>635</u>
P 7 <u>30</u>	<u>196</u>	<u>18</u>	<u>703</u>	<u>30</u>	<u>215</u>	<u>18</u>	<u>645</u>
P 8 _____		<u>21</u>	<u>709</u>	<u>35</u>	<u>216</u>	<u>21</u>	<u>651</u>
P 9 _____		<u>24</u>	<u>712</u>	<u>40</u>	<u>218</u>	<u>24</u>	<u>658</u>
P10 _____		<u>27</u>	<u>716</u>	<u>45</u>	<u>220</u>	<u>27</u>	<u>664</u>
P11 _____		<u>30</u>	<u>719</u>	<u>50</u>	<u>222</u>	<u>30</u>	<u>668</u>
P12 _____		<u>33</u>	<u>722</u>	<u>55</u>	<u>224</u>	<u>33</u>	<u>670</u>
P13 _____		<u>36</u>	<u>724</u>	<u>60</u>	<u>227</u>	<u>36</u>	<u>674</u>
P14 _____		<u>39</u>	<u>726</u>	<u>65</u>	<u>228</u>	<u>39</u>	<u>676</u>
P15 _____		<u>42</u>	<u>728</u>	<u>70</u>	<u>229</u>	<u>42</u>	<u>678</u>
P16 _____		<u>45</u>	<u>730</u>	<u>75</u>	<u>230</u>	<u>45</u>	<u>680</u>
P17 _____				<u>80</u>	<u>230</u>	<u>48</u>	<u>683</u>
P18 _____				<u>85</u>	<u>232</u>	<u>51</u>	<u>685</u>
P19 _____				<u>90</u>	<u>234</u>	<u>54</u>	<u>687</u>
P20 _____				<u>95</u>	<u>238</u>	<u>57</u>	<u>690</u>
				<u>100</u>	<u>239</u>	<u>60</u>	<u>692</u>
				<u>105</u>	<u>241</u>		
				<u>110</u>	<u>241</u>		
				<u>115</u>	<u>243</u>		
				<u>120</u>	<u>247</u>		



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29-13-24
Company A. L. Abercrombie Inc. Lease & Well No. Chambers #2
Elevation 2574 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 17343
Date 3-18-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas
Test Approved by Jack K. Wharton Western Representative James W. Holloway
Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 3383' to 3397' Total Depth 3397'
Size Main Hole 7 7/8" Rat Hole _____ Conv. ☒ B.T. _____ Damaged ☒ Yes _____ No Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No
Packer Depth 3378 Ft. Size 6 3/4" Packer Depth 3383 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 14 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3389 Ft. Clock No. 9725 Depth 3391 Ft. Clock No. 6774
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 _____

Time Set Packer 9:51 A.M.
Tool Open I.F.P. From 9:54 M. to 10:04A M. Hr. 10 Min. From (B) 42 P.S.I. To (C) 23 P.S.I.
Tool Closed I.C.I.P. From 10:04 M. to 10:34A M. Hr. 30 Min. (D) 207 P.S.I.
Tool Open F.F.P. From 10:34 M. to 11:37A M. Hr. 03 Min. From (E) 44 P.S.I. To (F) 27 P.S.I.
Tool Closed F.C.I.P. From 11:37 M. to 12:22P M. Hr. 45 Min. (G) 63 P.S.I.
Initial Hydrostatic Pressure (A) 1839 P.S.I. Final Hydrostatic Pressure (H) 1828 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 for 10 min. Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 20 feet mud with oil spots

Reversed Out _____ Yes ☒ No _____ Mud Type Chem. Viscosity 37 Weight 10.1 Water Loss 10.8 cc. Maximum Temp. 94 °F
Type Circ. Sub. Plug Safety Joint No Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where? _____
Length Drill Pipe 1992 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1371 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.
I.D. Drill Collars _____ in. Length D.S.T. Tool 34 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 3-18-72 Test Ticket No. 17343
 Recorder No. 2607 Capacity 4150 Location 3389 Ft.
 Clock No. 9725 Elevation 2574 Kelly Bushings Well Temperature 94 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1839 P.S.I.	Open Tool	9:51 A.M.	
B First Initial Flow Pressure	42 P.S.I.	First Flow Pressure	10 Mins.	10 Mins.
C First Final Flow Pressure	23 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	207 P.S.I.	Second Flow Pressure	103 Mins.	105 Mins.
E Second Initial Flow Pressure	44 P.S.I.	Final Closed-in Pressure	45 Mins.	45 Mins.
F Second Final Flow Pressure	27 P.S.I.			
G Final Closed-in Pressure	63 P.S.I.			
H Final Hydrostatic Mud	1828 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>21</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 _____ 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>42</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>27</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>24</u>	<u>5</u>	<u>29</u>	<u>3</u>	<u>27</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>25</u>	<u>10</u>	<u>27</u>	<u>6</u>	<u>27</u>
P 4 _____		<u>9</u>	<u>27</u>	<u>15</u>	<u>27</u>	<u>9</u>	<u>27</u>
P 5 _____		<u>12</u>	<u>29</u>	<u>20</u>	<u>27</u>	<u>12</u>	<u>28</u>
P 6 _____		<u>15</u>	<u>37</u>	<u>25</u>	<u>27</u>	<u>15</u>	<u>29</u>
P 7 _____		<u>18</u>	<u>52</u>	<u>30</u>	<u>27</u>	<u>18</u>	<u>30</u>
P 8 _____		<u>21</u>	<u>76</u>	<u>35</u>	<u>27</u>	<u>21</u>	<u>31</u>
P 9 _____		<u>24</u>	<u>109</u>	<u>40</u>	<u>27</u>	<u>24</u>	<u>33</u>
P10 _____		<u>27</u>	<u>165</u>	<u>45</u>	<u>27</u>	<u>27</u>	<u>35</u>
P11 _____		<u>30</u>	<u>207</u>	<u>50</u>	<u>27</u>	<u>30</u>	<u>37</u>
P12 _____				<u>55</u>	<u>27</u>	<u>33</u>	<u>39</u>
P13 _____				<u>60</u>	<u>27</u>	<u>36</u>	<u>44</u>
P14 _____				<u>65</u>	<u>27</u>	<u>39</u>	<u>50</u>
P15 _____				<u>70</u>	<u>27</u>	<u>42</u>	<u>55</u>
P16 _____				<u>75</u>	<u>27</u>	<u>45</u>	<u>63</u>
P17 _____				<u>80</u>	<u>27</u>		
P18 _____				<u>85</u>	<u>27</u>		
P19 _____				<u>90</u>	<u>27</u>		
P20 _____				<u>100</u>	<u>27</u>		
				<u>105</u>	<u>27</u>		

WESTERN

Home Office: Great Bend, Kansas

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

A. L. Abercrombie Inc.

Chambers #2

Company 2574 Kelly Bushings Lansing Lease & Well No. 17344
 Elevation Formation Effective Pay Ft. Ticket No.
 Date 3-19-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas
 Test Approved by Jack K. Wharton Western Representative James W. Holloway
 Formation Test No. 4 O.K. X Misrun Interval Tested From 3391' to 3470' Total Depth 3470'
 Size Main Hole 7 7/8" Rat Hole Conv. X B.T. Damaged Yes X No Conv. B.T. X Damaged Yes X No
 Packer Depth 3392 Ft. Size 6 3/4" Packer Depth 3397 Ft. Size 6 3/4"
 Straddle Yes No X Conv. B.T. Damaged Yes No

Tool Size 5 1/2" O.D. Tool Jt. Size 4 1/2" F.H. Anchor Length 73 Ft. Size 5 1/2" & 4 1/2" O.D.
 Packer Depth Ft. Size

RECORDERS Depth 3462 Ft. Clock No. 9725 Depth 3464 Ft. Clock No. 6774
 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 2:45 A. M.
 Tool Open I.F.P. From 2:48 M. to 3:03 A. M. Hr. 15 Min. From (B) 56 P.S.I. To (C) 56 P.S.I.
 Tool Closed I.C.I.P. From 3:03 M. to 3:33A. M. Hr. 30 Min. (D) 63 P.S.I.
 Tool Open F.F.P. From 3:33 M. to 4:03A. M. Hr. 30 Min. From (E) 56 P.S.I. To (F) 56 P.S.I.
 Tool Closed F.C.I.P. From 4:03 M. to 4:48A. M. Hr. 45 Min. (G) 61 P.S.I.
 Initial Hydrostatic Pressure (A) 1873 P.S.I. Final Hydrostatic Pressure (H) 1868 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 for 12 min. Bottom Choke Size 3/4 In.
 Did Well Flow Yes X No Recovery Total Ft. 10 feet mud (No show of Oil)

Reversed Out Yes X No Mud Type Chem. Viscosity 38 Weight 10.1 Water Loss 9.6 cc. Maximum Temp. 94 °F
 Type Circ. Sub. Plug Safety Joint No Jars: Size Make Ser. No.
 EXTRA EQUIPMENT: Dual Packers Yes Did Packer Hold? Yes Did Tool Plug? No Where?
 Length Drill Pipe 2037 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1340 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.
 I.D. Drill Collars in. Length D.S.T. Tool 93 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 3-19-72 Recorder No. 2607 Capacity 4150 Test Ticket No. 17344
 Clock No. 9725 Elevation 2574 Location 3462 Ft. 94 Well Temperature 94 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1873	P.S.I.	2:45 A. M.	
B First Initial Flow Pressure	56	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	63	P.S.I.	30 Mins.	30 Mins.
E Second Initial Flow Pressure	56	P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	56	P.S.I.		
G Final Closed-in Pressure	61	P.S.I.		
H Final Hydrostatic Mud	1868	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>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 _____ 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>56</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>56</u>	<u>0</u>	<u>56</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>56</u>	<u>5</u>	<u>56</u>	<u>3</u>	<u>56</u>
P 3 <u>10</u>	<u>56</u>	<u>6</u>	<u>56</u>	<u>10</u>	<u>56</u>	<u>6</u>	<u>56</u>
P 4 <u>15</u>	<u>56</u>	<u>9</u>	<u>56</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>56</u>
P 5 _____		<u>12</u>	<u>56</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>56</u>
P 6 _____		<u>15</u>	<u>57</u>	<u>25</u>	<u>56</u>	<u>15</u>	<u>56</u>
P 7 _____		<u>18</u>	<u>58</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>56</u>
P 8 _____		<u>21</u>	<u>59</u>			<u>21</u>	<u>57</u>
P 9 _____		<u>24</u>	<u>60</u>			<u>24</u>	<u>57</u>
P10 _____		<u>27</u>	<u>61</u>			<u>27</u>	<u>58</u>
P11 _____		<u>30</u>	<u>63</u>			<u>30</u>	<u>59</u>
P12 _____						<u>33</u>	<u>59</u>
P13 _____						<u>36</u>	<u>60</u>
P14 _____						<u>39</u>	<u>61</u>
P15 _____						<u>42</u>	<u>61</u>
P16 _____						<u>45</u>	<u>61</u>
P17 _____							
P18 _____							
P19 _____							
P20 _____							



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

29-15-26w

Company A. L. Abercrombie Inc. Lease & Well No. Chambers #2

Elevation 2574 Kelly Bushings Formation Lansing Effective Pay _____ Ft. Ticket No. 17345

Date 3-19-72 Sec. 29 Twp. 1S Range 26W County Decatur State Kansas

Test Approved by Jack K. Wharton Western Representative James W. Holloway

Formation Test No. 5 O.K. ☒ Misrun _____ Interval Tested From 3499' to 3525' Total Depth 3525'

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

Packer Depth 3494 Ft. Size 6 3/4" Packer Depth 3499 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 26 Ft. Size 5 1/2" O.D.

RECORDERS Depth 3517 Ft. Clock No. 9725 Depth 3519 Ft. Clock No. 6774

Top Make Kuster Cap 4150 No. 2607 ~~Inside~~ Outside Bottom Make Kuster Cap 4150 No. 969 ~~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 3:58 P.M.

Tool Open I.F.P. From 4:01 M. to 4:11P. M. Hr. 10 Min. From (B) 44 P.S.I. To (C) 44 P.S.I.

Tool Closed I.C.I.P. From 4:11 M. to 4:56P. M. Hr. 45 Min. (D) 710 P.S.I.

Tool Open F.F.P. From 4:56 M. to 6:26P. M. Hr. 1 Hr. 30 Min. From (E) 65 P.S.I. To (F) 88 P.S.I.

Tool Closed F.C.I.P. From 6:25 M. to 7:26P. M. Hr. 1 Hr. Min. (G) 275 P.S.I.

Initial Hydrostatic Pressure (A) 1924 P.S.I. Final Hydrostatic Pressure (H) 1916 P.S.I.

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

INFORMATION _____ M. _____

_____ M. _____

_____ M. _____

BLOW Fair increasing to strong Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 120 feet gas in pipe - 40 feet clean oil 120 feet heavy oil cut mud.

Reversed Out _____ Yes ☒ No _____ Mud Type Chem. Viscosity 43 Weight 10.1 Water Loss 8.4 cc. Maximum Temp. 95 °F

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

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

Length Drill Pipe 2108 ft. I.D. Drill Pipe 3.3 in. Length Weight Pipe 1371 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars _____ ft.

I.D. Drill Collars _____ in. Length D.S.T. Tool 46 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 3-19-72 Test Ticket No. 17345
 Recorder No. 2607 Capacity 4150 Location 3517 Ft.
 Clock No. 9725 Elevation 2574 Kelly Bushings Well Temperature 95 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1924</u> P.S.I.	Open Tool	<u>3:58 P.</u> M	
B First Initial Flow Pressure	<u>44</u> P.S.I.	First Flow Pressure	<u>10</u> Mins.	<u>10</u> Mins.
C First Final Flow Pressure	<u>44</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>710</u> P.S.I.	Second Flow Pressure	<u>90</u> Mins.	<u>90</u> Mins.
E Second Initial Flow Pressure	<u>65</u> P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure	<u>88</u> P.S.I.			
G Final Closed-in Pressure	<u>275</u> P.S.I.			
H Final Hydrostatic Mud	<u>1916</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>15</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 _____ 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>44</u>	<u>0</u>	<u>44</u>	<u>0</u>	<u>65</u>	<u>0</u>	<u>88</u>
P 2 <u>5</u>	<u>40</u>	<u>3</u>	<u>89</u>	<u>5</u>	<u>66</u>	<u>3</u>	<u>103</u>
P 3 <u>10</u>	<u>44</u>	<u>6</u>	<u>188</u>	<u>10</u>	<u>67</u>	<u>6</u>	<u>129</u>
P 4 _____	_____	<u>9</u>	<u>271</u>	<u>15</u>	<u>69</u>	<u>9</u>	<u>151</u>
P 5 _____	_____	<u>12</u>	<u>336</u>	<u>20</u>	<u>70</u>	<u>12</u>	<u>169</u>
P 6 _____	_____	<u>15</u>	<u>391</u>	<u>25</u>	<u>71</u>	<u>15</u>	<u>179</u>
P 7 _____	_____	<u>18</u>	<u>436</u>	<u>30</u>	<u>72</u>	<u>18</u>	<u>188</u>
P 8 _____	_____	<u>21</u>	<u>476</u>	<u>35</u>	<u>73</u>	<u>21</u>	<u>198</u>
P 9 _____	_____	<u>24</u>	<u>510</u>	<u>40</u>	<u>74</u>	<u>24</u>	<u>205</u>
P10 _____	_____	<u>27</u>	<u>544</u>	<u>45</u>	<u>75</u>	<u>27</u>	<u>211</u>
P11 _____	_____	<u>30</u>	<u>573</u>	<u>50</u>	<u>77</u>	<u>30</u>	<u>217</u>
P12 _____	_____	<u>33</u>	<u>598</u>	<u>55</u>	<u>79</u>	<u>33</u>	<u>222</u>
P13 _____	_____	<u>36</u>	<u>624</u>	<u>60</u>	<u>82</u>	<u>36</u>	<u>228</u>
P14 _____	_____	<u>39</u>	<u>653</u>	<u>65</u>	<u>83</u>	<u>39</u>	<u>235</u>
P15 _____	_____	<u>42</u>	<u>683</u>	<u>70</u>	<u>84</u>	<u>42</u>	<u>241</u>
P16 _____	_____	<u>45</u>	<u>710</u>	<u>75</u>	<u>85</u>	<u>45</u>	<u>246</u>
P17 _____	_____	_____	_____	<u>80</u>	<u>86</u>	<u>48</u>	<u>251</u>
P18 _____	_____	_____	_____	<u>85</u>	<u>87</u>	<u>51</u>	<u>257</u>
P19 _____	_____	_____	_____	<u>90</u>	<u>88</u>	<u>54</u>	<u>266</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>271</u>
						<u>60</u>	<u>275</u>