



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

Company Allison & Black Lease & Well No. Coady #1-A
Elevation 1893 Derrick Floor Formation Kansas City Effective Pay _____ Ft. Ticket No. 10797
Date 10-6-68 Sec. 24 Twp. 15s Range 15w County Russell State Kans as
Test Approved by R. B. Jenkins Western Representative Edward Teel
Formation Test No. 1 O.K. ☒ Misrun _____ Interval Tested From 3130' to 3150' Total Depth 3150'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 3130' Ft. Size 6 3/4 Packer Depth 3126 Ft. Size 6 3/4
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 20 Ft. Size 5 1/2" OD
RECORDERS Depth 3142 Ft. Clock No. 6896 Depth 3145 Ft. Clock No. 4964
Top Make Kuster Cap. 4500 No. 3086 ~~Inside~~ Outside Bottom Make Kuster Cap. 4300 No. 1566 ~~Inside~~ Outside
Below Straddle: Depth _____ Clock No. _____ Inside Depth _____ Ft. Clock No. _____ Inside
Top Make _____ Cap. _____ No. _____ Outside Bottom Make _____ Cap. _____ No. _____ Inside
Time Set Packer 12:15 RM
Tool Open I.F.P. From 12:17 M. to 12:47P M. Hr. 30 Min. From (B) 21 P.S.I. To (C) 42 P.S.I.
Tool Closed I.C.I.P. From 12:47 M. to 1:17P M. Hr. 30 Min. (D) 753 P.S.I.
Tool Open F.F.P. From 1:17 M. to 1:47P M. Hr. 30 Min. From (E) 54 P.S.I. To (F) 61 P.S.I.
Tool Closed F.C.I.P. From 1:47 M. to 2:17P M. Hr. 30 Min. (G) 755 P.S.I.
Initial Hydrostatic Pressure (A) 1796 P.S.I. Final Hydrostatic Pressure (H) 1785 P.S.I.
SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Fair to ~~gas~~ good blow thru-out test Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 120 feet of gas in pipe--30 feet of oil & gas cut mud--90 feet
of oil & gas cut watery mud
Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 39 Weight 10.6 Water Loss 8.4 cc. Maximum Temp. 97 °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 2192 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe 964 ft. I.D. Weight Pipe 1.7 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 42 ft.
Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 10-6-63

Test Ticket No. 10797

Recorder No. 3086 Capacity 4500 Location 3142 Ft.

Clock No. 6896 Elevation 1893 Derrick Floor Well Temperature 97 °F

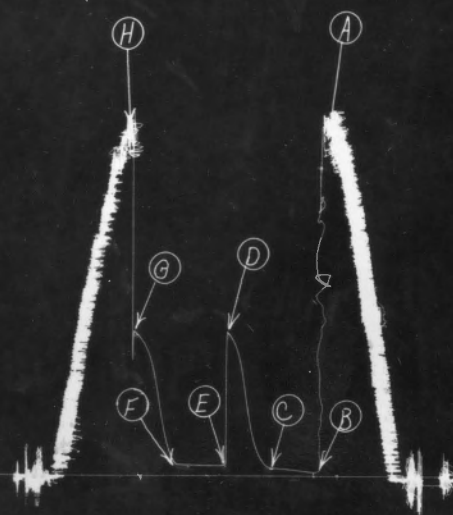
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1796</u> P.S.I.	Opened Tool	<u>12:15P</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>42</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>29</u> Mins.
D Initial Closed-in Pressure	<u>753</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>54</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>29</u> Mins.
F Second Final Flow Pressure	<u>61</u> P.S.I.			
G Final Closed-in Pressure	<u>755</u> P.S.I.			
H Final Hydrostatic Mud	<u>1785</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>9</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> </u> Min.		final inc. of <u>2</u> Min.		final inc. of <u> </u> Min.		final inc. of <u>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>21</u>	<u>0</u>	<u>42</u>	<u>0</u>	<u>54</u>	<u>0</u>	<u>61</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>49</u>	<u>5</u>	<u>54</u>	<u>3</u>	<u>85</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>78</u>	<u>10</u>	<u>54</u>	<u>6</u>	<u>127</u>
P 4 <u>15</u>	<u>30</u>	<u>9</u>	<u>130</u>	<u>15</u>	<u>54</u>	<u>9</u>	<u>227</u>
P 5 <u>20</u>	<u>35</u>	<u>12</u>	<u>229</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>365</u>
P 6 <u>25</u>	<u>39</u>	<u>15</u>	<u>369</u>	<u>25</u>	<u>59</u>	<u>15</u>	<u>506</u>
P 7 <u>30</u>	<u>42</u>	<u>18</u>	<u>513</u>	<u>30</u>	<u>61</u>	<u>18</u>	<u>609</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>646</u>	<u> </u>	<u> </u>	<u>21</u>	<u>671</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>801</u>	<u> </u>	<u> </u>	<u>24</u>	<u>713</u>
P 10 <u> </u>	<u> </u>	<u>27</u>	<u>732</u>	<u> </u>	<u> </u>	<u>27</u>	<u>741</u>
P 11 <u> </u>	<u> </u>	<u>29</u>	<u>753</u>	<u> </u>	<u> </u>	<u>29</u>	<u>755</u>
P 12 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 13 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 14 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 15 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 16 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P 20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

ALLISON & BLACK
#1 Coady "A"

T.K.T. # 70797
Test # 1



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1805	1796
(B) First Initial Flow Pressure	23	21
(C) First Final Flow Pressure	47	42
(D) Initial Closed-in Pressure	764	753
(E) Second Initial Flow Pressure	47	54
(F) Second Final Flow Pressure	59	61
(G) Final Closed-in Pressure	753	755
(H) Final Hydrostatic Mud	1795	1785



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Company Allison & Black Lease & Well No. Coady # 1-A
Elevation 1893 Derrick Floor Formation Kansas City Effective Pay _____ Ft. Ticket No. 10798
Date 10-6-68 Sec. 24 Twp. 15s Range 15w County Russell State Kansas
Test Approved by R. E. Jenkins Western Representative Edward Teel
Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3193' to 3210' Total Depth 3210'
Size Main Hole 7 7/8 at Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 3188 Ft. Size 6 3/4 Packer Depth 3193 Ft. Size 6 3/4
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 17 Ft. Size 4 1/2" OD
RECORDERS Depth 3202 Ft. Clock No. 6896 Depth 3205 Ft. Clock No. 4964
Top Make Kuster Cap. 4500 No. 3086 Inside _____ Outside _____ Bottom Make Kuster Cap. 4300 No. 1566 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 1:35 A M
Tool Open I.F.P. From 1:35 M. to 2:05 A M. Hr. 30 Min. From (B) 18 P.S.I. To (C) 18 P.S.I.
Tool Closed I.C.I.P. From 2:05 M. to 2:35 A M. Hr. 30 Min. (D) 61 P.S.I.
Tool Open F.F.P. From 2:35 M. to 3:05 A M. Hr. 30 Min. From (E) 21 P.S.I. To (F) 21 P.S.I.
Tool Closed F.C.I.P. From 3:05 M. to 3:35 A M. Hr. 30 Min. (G) 47 P.S.I.
Initial Hydrostatic Pressure (A) 1819 P.S.I. Final Hydrostatic Pressure (H) 1810 P.S.I.
SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak to very weak 50 minutes--Died Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 25 feet of very slightly oil speck mud
Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 39 Weight 10.6 Water Loss 8.4 cc. Maximum Temp. 98 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint _____ Did Packer Hold? yes Where? _____
Length Drill Pipe 2255 ft. I.D. Drill Pipe 3.7 in. Length Weight Pipe 964 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 38 ft.
Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 10-6-68 Test Ticket No. 10798
 Recorder No. 3086 Capacity 4500 Location 3202 Ft.
 Clock No. 6896 Elevation 1893 Derrick Floor Well Temperature 98 °F

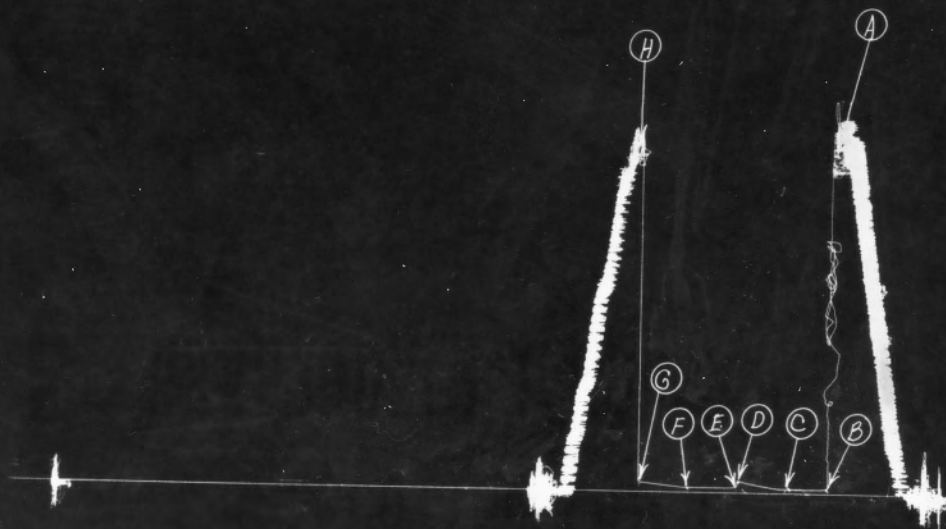
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1819</u> P.S.I.	Opened Tool	<u>1:35A</u> M	
B First Initial Flow Pressure	<u>18</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>18</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>61</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>21</u> P.S.I.			
G Final Closed-in Pressure	<u>47</u> P.S.I.			
H Final Hydrostatic Mud	<u>1810</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>18</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>18</u>	<u>3</u>	<u>18</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>21</u>
P 3 <u>10</u>	<u>18</u>	<u>6</u>	<u>23</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>23</u>
P 4 <u>15</u>	<u>18</u>	<u>9</u>	<u>28</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>26</u>
P 5 <u>20</u>	<u>18</u>	<u>12</u>	<u>37</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>30</u>
P 6 <u>25</u>	<u>18</u>	<u>15</u>	<u>42</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>33</u>
P 7 <u>30</u>	<u>18</u>	<u>18</u>	<u>47</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>35</u>
P 8 _____	<u>21</u>	<u>21</u>	<u>52</u>			<u>21</u>	<u>37</u>
P 9 _____		<u>24</u>	<u>56</u>			<u>24</u>	<u>40</u>
P 10 _____		<u>27</u>	<u>61</u>			<u>27</u>	<u>42</u>
P 11 _____						<u>30</u>	<u>47</u>
P 12 _____							
P 13 _____							
P 14 _____							
P 15 _____							
P 16 _____							
P 17 _____							
P 18 _____							
P 19 _____							
P 20 _____							

Allison & Black
#1 Coady "A"

T.K.T. # 10798
Test # 2



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1826	1819	PSI
(B) First Initial Flow Pressure	23	18	PSI
(C) First Final Flow Pressure	23	18	PSI
(D) Initial Closed-in Pressure	59	61	PSI
(E) Second Initial Flow Pressure	23	21	PSI
(F) Second Final Flow Pressure	23	21	PSI
(G) Final Closed-in Pressure	47	47	PSI
(H) Final Hydrostatic Mud	1819	1810	PSI



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

Company Allison & Black Lease & Well No. Goady # 1-A

Elevation 1893 Derrick Floor Formation _____ Effective Pay _____ Ft. Ticket No. 10799

Date 10-7-68 Sec. 24 Twp. 15n Range 15w County Russell State Kansas

Test Approved by E. B. Jenkins Western Representative Edward Tool

Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 3316' to 3345' Total Depth 3345'

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

Packer Depth 3311 Ft. Size 6 3/4 Packer Depth 3316 Ft. Size 6 3/4

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

Packer Depth _____ Ft. Size _____

Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 29 Ft. Size 5 1/2" OD

RECORDERS Depth 3337 Ft. Clock No. 6896 Depth 3340 Ft. Clock No. 9967

Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4300 No. 1566 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 1:48 R M

Tool Open I.F.P. From 1:50 M. to 2:20A M. Hr. 30 Min. From (B) 23 P.S.I. To (C) 23 P.S.I.

Tool Closed I.C.I.P. From 2:20 M. to 2:50A M. Hr. 30 Min. (D) 939 P.S.I.

Tool Open F.F.P. From 2:50 M. to 3:20A M. Hr. 30 Min. From (E) 39 P.S.I. To (F) 39 P.S.I.

Tool Closed F.C.I.P. From 3:20 M. to 3:50A M. Hr. 30 Min. (G) 878 P.S.I.

Initial Hydrostatic Pressure (A) 1835 P.S.I. Final Hydrostatic Pressure (H) 1826 P.S.I.

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

INFORMATION _____ M. _____ M. _____ M.

BLOW Weak thru-out test Bottom Choke Size 3/4 In.

Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 60 feet of very slightly oil & gas cut mud

Reversed Out. _____ Yes ☒ No _____ Mud Type starch Viscosity 41 Weight 10.5 Water Loss 5.0 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 _____ Did Packer Hold? yes Where? _____

Length Drill Pipe 2381 ft. I.D. Drill Pipe 3.7 in. Length Weight Pipe 964 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 51 ft.

Remarks _____

WESTERN TESTING CO., INC.

Pressure Data

Date 10-7-68

Test Ticket No. 10799

Recorder No. 3086 Capacity 4500 Location 3337 Ft.

Clock No. 6896 Elevation 1893 Derrick Floor Well Temperature _____ °F

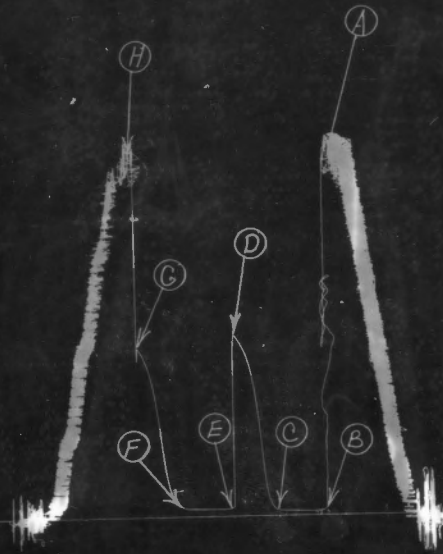
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1835</u> P.S.I.	Opened Tool	<u>1:48A</u> M	
B First Initial Flow Pressure	<u>23</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>23</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>939</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>39</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>39</u> P.S.I.			
G Final Closed-in Pressure	<u>878</u> P.S.I.			
H Final Hydrostatic Mud	<u>1826</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>10</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>23</u>	<u>0</u>	<u>23</u>	<u>0</u>	<u>39</u>	<u>0</u>	<u>39</u>
P 2 <u>5</u>	<u>23</u>	<u>3</u>	<u>44</u>	<u>5</u>	<u>39</u>	<u>3</u>	<u>51</u>
P 3 <u>10</u>	<u>23</u>	<u>6</u>	<u>116</u>	<u>10</u>	<u>39</u>	<u>6</u>	<u>80</u>
P 4 <u>15</u>	<u>23</u>	<u>9</u>	<u>279</u>	<u>15</u>	<u>39</u>	<u>9</u>	<u>113</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>488</u>	<u>20</u>	<u>39</u>	<u>12</u>	<u>206</u>
P 6 <u>25</u>	<u>23</u>	<u>15</u>	<u>671</u>	<u>25</u>	<u>39</u>	<u>15</u>	<u>360</u>
P 7 <u>30</u>	<u>23</u>	<u>18</u>	<u>780</u>	<u>30</u>	<u>x18 39</u>	<u>18</u>	<u>548</u>
P 8 _____		<u>21</u>	<u>853</u>			<u>21</u>	<u>683</u>
P 9 _____		<u>24</u>	<u>904</u>			<u>24</u>	<u>780</u>
P10 _____		<u>27</u>	<u>939</u>			<u>27</u>	<u>846</u>
P11 _____						<u>30</u>	<u>878</u>
P12 _____							
P13 _____							
P14 _____							
P15 _____							
P16 _____							
P17 _____							
P18 _____							
P19 _____							
P20 _____							

ALLISON & BLACK
1 Coady "A"

TKT# 10799
TEST# 3



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1842	1835
(B) First Initial Flow Pressure	23	23
(C) First Final Flow Pressure	23	23
(D) Initial Closed-in Pressure	939	939
(E) Second Initial Flow Pressure	35	39
(F) Second Final Flow Pressure	47	39
(G) Final Closed-in Pressure	881	878
(H) Final Hydrostatic Mud	1831	1826



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

Company Allison & Black Lease & Well No. Coady #1-A
Elevation 1893 Derrick Floor Formation Arbuckle Effective Pay _____ Ft. Ticket No. 10800
Date 10-7-68 Sec. 24 Twp. 15s Range 15w County Russell State Kansas
Test Approved by R. B. Jenkins Western Representative Edward Teal
Formation Test No. 4 O.K. ☒ Misrun _____ Interval Tested From 3356' to 3377' Total Depth 3377'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 3351 Ft. Size 6 3/4 Packer Depth 3356 Ft. Size 6 3/4
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" PH Anchor Length 22 Ft. Size 5 1/2" OD
RECORDERS Depth 3370 Ft. Clock No. 6896 Depth 3379 Ft. Clock No. 4964
Top Make Kuster Cap. 4300 No. 3086 Inside Outside Bottom Make Kuster Cap. 4500 No. 1566 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 3:33 P M
Tool Open I.F.P. From 3:35 M. to 4:05P M. Hr. 30 Min. From (B) 16 P.S.I. To (C) 16 P.S.I.
Tool Closed I.C.I.P. From 4:05 M. to 4:35P M. Hr. 30 Min. (D) 40 P.S.I.
Tool Open F.F.P. From 4:35 M. to 5:05P M. Hr. 30 Min. From (E) 16 P.S.I. To (F) 16 P.S.I.
Tool Closed F.C.I.P. From 5:05 M. to 5:35P M. Hr. 30 Min. (G) 33 P.S.I.
Initial Hydrostatic Pressure (A) 1859 P.S.I. Final Hydrostatic Pressure (H) 1838 P.S.I.
SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Very weak for 8 minutes --Died Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 15 feet of drilling mud
Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 40 Weight 10.0 Water Loss 8.8 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 _____ Did Packer Hold? yes Where? _____
Length Drill Pipe 2443 ft. I.D. Drill Pipe 3.7 in. Length Weight Pipe 964 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 44 ft.
Remarks Flushed tool on final good surge

WESTERN TESTING CO., INC.

Pressure Data

Date 10-7-68

Test Ticket No. 10800

Recorder No. 3086 Capacity 4500 Location 3370 Ft.

Clock No. 6896 Elevation 1893 Darriek Floor Well Temperature 99 °F

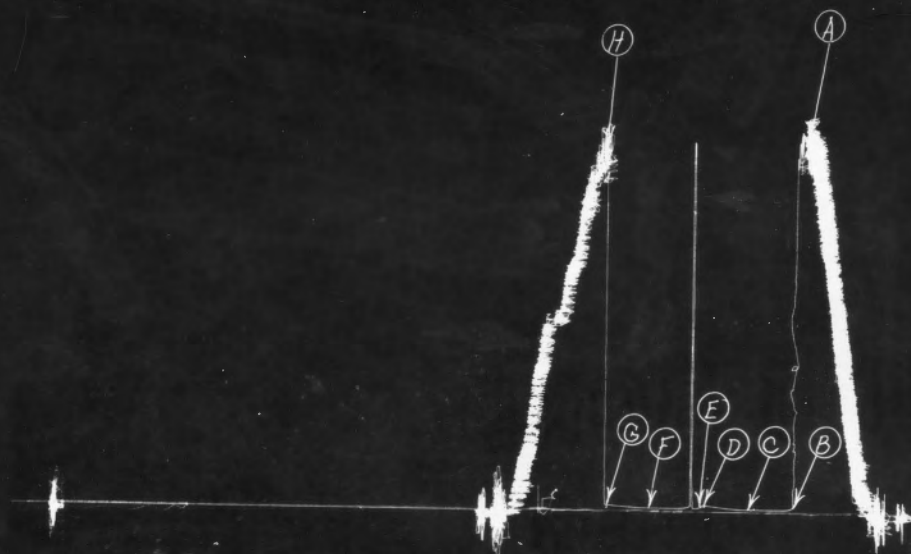
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1859</u> P.S.I.	Opened Tool	<u>3:33 P</u> M	
B First Initial Flow Pressure	<u>16</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>28</u> Mins.
C First Final Flow Pressure	<u>16</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>40</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>16</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>16</u> P.S.I.			
G Final Closed-in Pressure	<u>33</u> P.S.I.			
H Final Hydrostatic Mud	<u>1838</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>5</u> Inc.		Breakdown: <u>9</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>3</u> 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>16</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>16</u>
P 2 <u>5</u>	<u>16</u>	<u>3</u>	<u>16</u>	<u>5</u>	<u>16</u>	<u>3</u>	<u>16</u>
P 3 <u>10</u>	<u>16</u>	<u>6</u>	<u>16</u>	<u>10</u>	<u>16</u>	<u>6</u>	<u>16</u>
P 4 <u>15</u>	<u>16</u>	<u>9</u>	<u>16</u>	<u>15</u>	<u>16</u>	<u>9</u>	<u>16</u>
P 5 <u>20</u>	<u>16</u>	<u>12</u>	<u>18</u>	<u>20</u>	<u>16</u>	<u>12</u>	<u>16</u>
P 6 <u>25</u>	<u>16</u>	<u>15</u>	<u>21</u>	<u>25</u>	<u>16</u>	<u>15</u>	<u>18</u>
P 7 <u>28</u>	<u>16</u>	<u>18</u>	<u>26</u>	<u>30</u>	<u>16</u>	<u>18</u>	<u>21</u>
P 8 _____		<u>21</u>	<u>30</u>			<u>21</u>	<u>23</u>
P 9 _____		<u>24</u>	<u>35</u>			<u>24</u>	<u>26</u>
P 10 _____		<u>27</u>	<u>40</u>			<u>27</u>	<u>28</u>
P 11 _____						<u>30</u>	<u>30</u>
P 12 _____						<u>33</u>	<u>33</u>
P 13 _____							
P 14 _____							
P 15 _____							
P 16 _____							
P 17 _____							
P 18 _____							
P 19 _____							
P 20 _____							

ALLISON & BLACK
#1 Coady "A"

TKT # 10800
Test # 4



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1866	1859
(B) First Initial Flow Pressure	11	16
(C) First Final Flow Pressure	11	16
(D) Initial Closed-in Pressure	35	40
(E) Second Initial Flow Pressure	11	16
(F) Second Final Flow Pressure	11	16
(G) Final Closed-in Pressure	23	33
(H) Final Hydrostatic Mud	1842	1838



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

Company Allison & Black Lease & Well No. Coady #1-A
Elevation 1893 Derrick Floor Formation Arbuckle Effective Pay _____ Ft. Ticket No. 12079
Date 10-8-68 Sec. 24 Twp. 15s Range 15w County Russell State Kansas
Test Approved by R. B. Jenkins Western Representative Edward Teel
Formation Test No. 5 O.K. ☒ Misrun _____ Interval Tested From 3374' to 3382' Total Depth 3382'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. _____ Damaged Yes ☒ No
Packer Depth 3370 Ft. Size 6 3/4 Packer Depth 3374 Ft. Size 6 3/4
Straddle _____ Yes _____ No ☒ Conv. _____ B.T. _____ Damaged _____ Yes _____ No
Packer Depth _____ Ft. Size _____
Tool Size 5 1/2" OD Tool Jt. Size 4 1/2" FH Anchor Length 9 Ft. Size 4 1/2" OD
RECORDERS Depth 3377 Ft. Clock No. 6896 Depth 3379 Ft. Clock No. 4964
Top Make Kuster Cap. 4500 No. 3086 Inside Outside Bottom Make Kuster Cap. 4300 No. 1566 Inside Outside
Below Straddle: Depth _____ Clock No. _____ Inside _____ Outside _____
Top Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Bottom Make _____ Cap. _____ No. _____ Inside _____ Outside _____
Time Set Packer 12:23 A M
Tool Open I.F.P. From 12:25 M. to 12:55A M. Hr. 30 Min. From (B) 21 P.S.I. To (C) 28 P.S.I.
Tool Closed I.C.I.P. From 12:55 M. to 1:25A M. Hr. 30 Min. (D) 937 P.S.I.
Tool Open F.F.P. From 1:25 M. to 1:55A M. Hr. 30 Min. From (E) 40 P.S.I. To (F) 50 P.S.I.
Tool Closed F.C.I.P. From 1:55 M. to 2:25A M. Hr. 30 Min. (G) 904 P.S.I.
Initial Hydrostatic Pressure (A) 1859 P.S.I. Final Hydrostatic Pressure (H) 1845 P.S.I.
SURFACE Size Choke 1/2 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak thry-out test Bottom Choke Size 3/4 In.
Did Well Flow Yes ☒ No _____ Recovery Total Ft. 110 feet of muddy salt water
Reversed Out Yes ☒ No Mud Type starch Viscosity 40 Weight 10.0 Water Loss 8.8 cc. Maximum Temp. 102 °F
Type Circ. Sub. plug Did Tool Plug? no Jars: Size _____ Make _____ Ser. No. _____
EXTRA EQUIPMENT: Dual Packers yes Safety Joint _____ Did Packer Hold? yes Where? _____
Length Drill Pipe 2443 ft. I.D. Drill Pipe 3.7 in. Length Weight Pipe 964 ft. I.D. Weight Pipe 2.8 in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 31 ft.
Remarks _____

WESTERN TESTING CO., INC.
Pressure Data

Date 10-8-68 Test Ticket No. 12079
Recorder No. 3086 Capacity 4500 Location 3377 Ft.
Clock No. 6896 Elevation 1893 Derrick Floor Well Temperature 102 °F

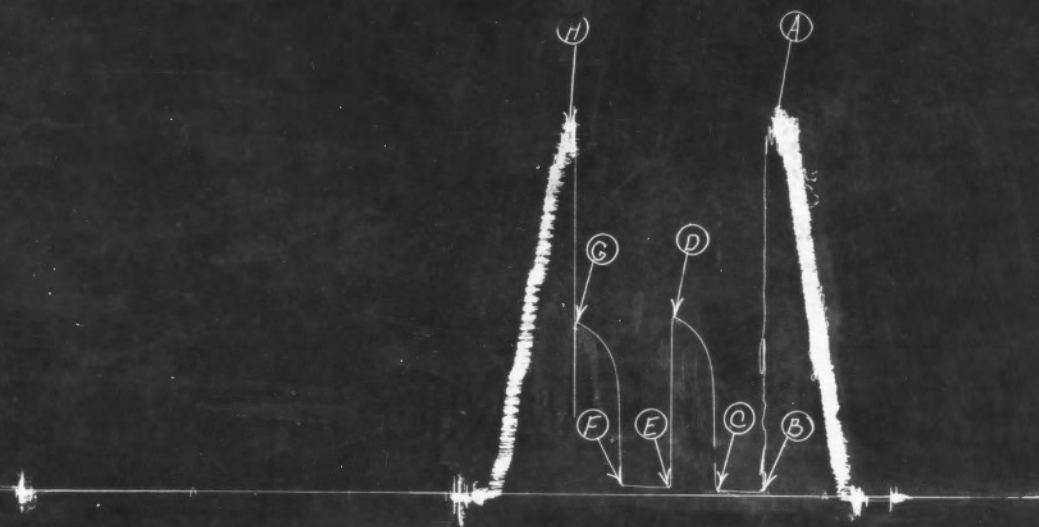
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1859</u> P.S.I.	Opened Tool	<u>12:23A</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>28</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>937</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>40</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>50</u> P.S.I.			
G Final Closed-in Pressure	<u>904</u> P.S.I.			
H Final Hydrostatic Mud	<u>1845</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Press.		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>10</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> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.		final inc. of <u> </u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>21</u>	<u>0</u>	<u>28</u>	<u>0</u>	<u>40</u>	<u>0</u>	<u>50</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>296</u>	<u>5</u>	<u>40</u>	<u>3</u>	<u>469</u>
P 3 <u>10</u>	<u>21</u>	<u>6</u>	<u>676</u>	<u>10</u>	<u>40</u>	<u>6</u>	<u>660</u>
P 4 <u>15</u>	<u>21</u>	<u>9</u>	<u>762</u>	<u>15</u>	<u>40</u>	<u>9</u>	<u>727</u>
P 5 <u>20</u>	<u>23</u>	<u>12</u>	<u>806</u>	<u>20</u>	<u>43</u>	<u>12</u>	<u>773</u>
P 6 <u>25</u>	<u>25</u>	<u>15</u>	<u>839</u>	<u>25</u>	<u>47</u>	<u>15</u>	<u>806</u>
P 7 <u>30</u>	<u>28</u>	<u>18</u>	<u>867</u>	<u>30</u>	<u>50</u>	<u>18</u>	<u>834</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>888</u>	<u> </u>	<u> </u>	<u>21</u>	<u>853</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>905</u>	<u> </u>	<u> </u>	<u>24</u>	<u>870</u>
P10 <u> </u>	<u> </u>	<u>27</u>	<u>923</u>	<u> </u>	<u> </u>	<u>27</u>	<u>885</u>
P11 <u> </u>	<u> </u>	<u>30</u>	<u>937</u>	<u> </u>	<u> </u>	<u>30</u>	<u>904</u>
P12 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P13 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P14 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P15 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P16 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P17 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P18 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P19 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
P20 <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

ALLISON & BLACK
#1 Coady A

T.K.T. # 12079
Test # 5



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1866	1859
(B) First Initial Flow Pressure	23	21
(C) First Final Flow Pressure	35	28
(D) Initial Closed-in Pressure	939	937
(E) Second Initial Flow Pressure	47	40
(F) Second Final Flow Pressure	47	50
(G) Final Closed-in Pressure	904	904
(H) Final Hydrostatic Mud	1842	1845