



Home Office: Great Bend, Kansas

P. O. Box 793

(316) 793-7903

Company Allison & Black Lease & Well No. Altenbaumer # 1

Elevation 1742 Kelly Bushing Formation Kansas City Effective Pay 5 Ft. Ticket No. 11143

Date 7-11-68 Sec. 26 Twp. 19s Range 10w County Rice State Kansas

Test Approved by R. B. Jenkins Western Representative W. M. Nething

Formation Test No. 1 O.K. ☒ Misrun Interval Tested From 3017' to 3026' Total Depth 3026'

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

Packer Depth 3017 Ft. Size 6 3/4 Packer Depth 3012 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 5 1/2" OD

RECORDERS Depth 3023 Ft. Clock No. 6893 Depth 3020 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 Depth Ft. Clock No. Inside Outside

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

Time Set Packer 9:19 A M

Tool Open I.F.P. From 9:21 M. to 9:51 A M. Hr. 30 Min. From (B) 29 P.S.I. To (C) 91 P.S.I.

Tool Closed I.C.I.P. From 9:51 M. to 10:21 A M. Hr. 30 Min. (D) 717 P.S.I.

Tool Open F.F.P. From 10:21 M. to 10:51 A M. Hr. 30 Min. From (E) 103 P.S.I. To (F) 150 P.S.I.

Tool Closed F.C.I.P. From 10:51 M. to 11:21 A M. Hr. 30 Min. (G) 709 P.S.I.

Initial Hydrostatic Pressure (A) 1584 P.S.I. Final Hydrostatic Pressure (H) 1576 P.S.I.

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

INFORMATION _____ M. _____ M. _____ M.

BLOW Good blow through out Bottom Choke Size _____ In.

Did Well Flow Yes ☒ No Recovery Total Ft. 1230 feet Gas in pipe--30 feet gas & mud very slight oil cut--

120 feet muddy water with scum oil --180 feet salt water.

Reversed Out Yes ☒ No Mud Type starch Viscosity 40 Weight 9.9 Water Loss 16 cc. Maximum Temp. 108 °F

Type Circ. Sub. plug Did Tool Plug? _____ Jars: Size _____ Make _____ Ser. No. _____

EXTRA EQUIPMENT: Dual Packers dual Safety Joint _____ Did Packer Hold yes Where? _____

Length Drill Pipe 2997 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.

I. D. Drill Collars _____ in. Length D.S.T. Tool 29 ft.

Remarks

WESTERN TESTING CO., INC.

Pressure Data

Date 7-11-68 Test Ticket No. 11143
 Recorder No. 1562 Capacity 3150 Location 3023 Ft.
 Clock No. 6893 Elevation 1742 Kelly Bushing Well Temperature 108 °F

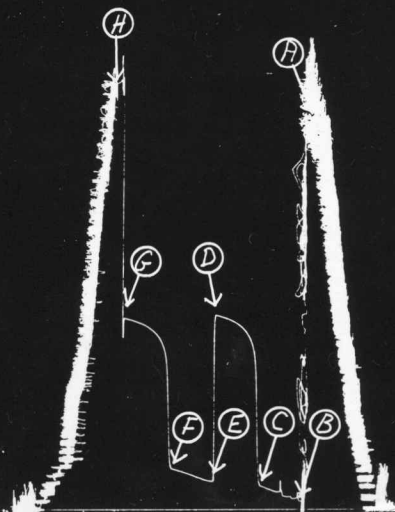
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1584</u> P.S.I.	Opened Tool		M
B First Initial Flow Pressure	<u>29</u> P.S.I.	First Flow Pressure		Mins.
C First Final Flow Pressure	<u>91</u> P.S.I.	Initial Closed-in Pressure		Mins.
D Initial Closed-in Pressure	<u>717</u> P.S.I.	Second Flow Pressure		Mins.
E Second Initial Flow Pressure	<u>103</u> P.S.I.	Final Closed-in Pressure		Mins.
F Second Final Flow Pressure	<u>150</u> P.S.I.			
G Final Closed-in Pressure	<u>709</u> P.S.I.			
H Final Hydrostatic Mud	<u>1576</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 _____ 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>29</u>	<u>0</u>	<u>91</u>	<u>0</u>	<u>103</u>	<u>0</u>	<u>150</u>
P 2 <u>5</u>	<u>39</u>	<u>3</u>	<u>523</u>	<u>5</u>	<u>106</u>	<u>3</u>	<u>457</u>
P 3 <u>10</u>	<u>45</u>	<u>6</u>	<u>613</u>	<u>10</u>	<u>116</u>	<u>6</u>	<u>600</u>
P 4 <u>15</u>	<u>62</u>	<u>9</u>	<u>649</u>	<u>15</u>	<u>128</u>	<u>9</u>	<u>636</u>
P 5 <u>20</u>	<u>67</u>	<u>12</u>	<u>669</u>	<u>20</u>	<u>136</u>	<u>12</u>	<u>655</u>
P 6 <u>25</u>	<u>78</u>	<u>15</u>	<u>681</u>	<u>25</u>	<u>144</u>	<u>15</u>	<u>670</u>
P 7 <u>30</u>	<u>91</u>	<u>18</u>	<u>692</u>	<u>30</u>	<u>150</u>	<u>18</u>	<u>681</u>
P 8 _____	_____	<u>21</u>	<u>702</u>	_____	_____	<u>21</u>	<u>688</u>
P 9 _____	_____	<u>24</u>	<u>708</u>	_____	_____	<u>24</u>	<u>694</u>
P 10 _____	_____	<u>27</u>	<u>712</u>	_____	_____	<u>27</u>	<u>700</u>
P 11 _____	_____	<u>30</u>	<u>717</u>	_____	_____	<u>30</u>	<u>706</u>
P 12 _____	_____	_____	_____	_____	_____	<u>32</u>	<u>709</u>
P 13 _____	_____	_____	_____	_____	_____	_____	_____
P 14 _____	_____	_____	_____	_____	_____	_____	_____
P 15 _____	_____	_____	_____	_____	_____	_____	_____
P 16 _____	_____	_____	_____	_____	_____	_____	_____
P 17 _____	_____	_____	_____	_____	_____	_____	_____
P 18 _____	_____	_____	_____	_____	_____	_____	_____
P 19 _____	_____	_____	_____	_____	_____	_____	_____
P 20 _____	_____	_____	_____	_____	_____	_____	_____

ALLISON & BLACK
ALTENBAUMER #1

T.K.T 11143
TEST #1



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1588	1584	PSI
(B) First Initial Flow Pressure	31	29	PSI
(C) First Final Flow Pressure	94	91	PSI
(D) Initial Closed-in Pressure	722	717	PSI
(E) Second Initial Flow Pressure	102	103	PSI
(F) Second Final Flow Pressure	149	150	PSI
(G) Final Closed-in Pressure	722	709	PSI
(H) Final Hydrostatic Mud	1572	1576	PSI



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Company Allison & Black Lease & Well No. Attenbaumer # 1
Elevation 1742 Kelly Bushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 11530
Date 7-11-68 Sec. 26 Twp. 19s Range 10w County Rice State Kansas
Test Approved by R. B. Jenkins Western Representative Guy M. Knipe
Formation Test No. 2 O.K. ☒ Misrun _____ Interval Tested From 3067' to 3090' Total Depth 3090'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 3062 Ft. Size 6 3/4 Packer Depth 3067 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 23 Ft. Size 5 1/2" OD
RECORDERS Depth 3082 Ft. Clock No. 6806 Depth 3085 Ft. Clock No. 8475
Top Make Kuster Cap. 4150 No. 2604 ~~Inside~~ Outside Bottom Make Kuster Cap. 4250 No. 1051 ~~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 9:47 P M
Tool Open I.F.P. From 9:50 ~~10:20~~ M. to 10:20 P M. Hr. 30 Min. From (B) 19 P.S.I. To (C) 39 P.S.I.
Tool Closed I.C.I.P. From 10:20 M. to 10:50 P M. Hr. 30 Min. (D) 27 P.S.I.
Tool Open F.F.P. From 10:50 M. to 11:20 P M. Hr. 30 Min. From (E) 21 P.S.I. To (F) 21 P.S.I.
Tool Closed F.C.I.P. From 11:20 M. to 11:50 P M. Hr. 30 Min. (G) 21 P.S.I.
Initial Hydrostatic Pressure (A) 6121 P.S.I. Final Hydrostatic Pressure (H) 1609 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak for 15 minutes (see remarks) 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 40 Weight 9.9 Water Loss 16 cc. Maximum Temp. 111 °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 3047 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 43 ft.
Remarks Flushed tool after 15 minutes of second flow few bubbles--died

WESTERN TESTING CO., INC.

Pressure Data

Date 7-11-68 Test Ticket No. 11530
 Recorder No. 2604 Capacity 4350 Location 3082 Ft.
 Clock No. 6806 Elevation 1742 Kelly Bushing Well Temperature 111 °F

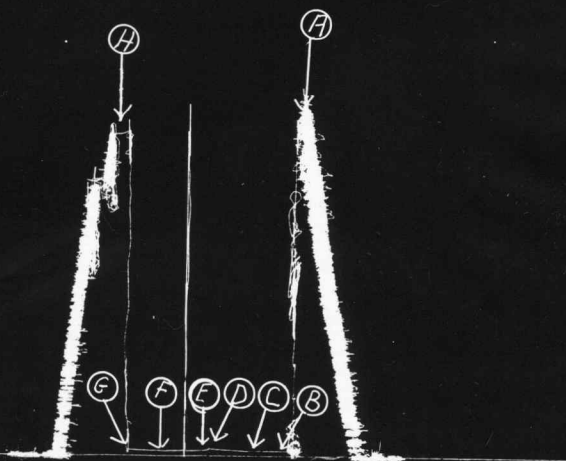
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1621</u> P.S.I.	<u>9:47 PM</u>	
B First Initial Flow Pressure	<u>19</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>19</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>27</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>21</u> P.S.I.	<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>21</u> P.S.I.		
H Final Hydrostatic Mud	<u>1609</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 _____ 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>19</u>	<u>0</u>	<u>19</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>21</u>
P 2 <u>5</u>	<u>19</u>	<u>3</u>	<u>19</u>	<u>5</u>	<u>21</u>	<u>3</u>	<u>21</u>
P 3 <u>10</u>	<u>19</u>	<u>6</u>	<u>19</u>	<u>10</u>	<u>21</u>	<u>6</u>	<u>21</u>
P 4 <u>15</u>	<u>19</u>	<u>9</u>	<u>19</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>21</u>
P 5 <u>20</u>	<u>19</u>	<u>12</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>12</u>	<u>21</u>
P 6 <u>25</u>	<u>19</u>	<u>15</u>	<u>19</u>	<u>25</u>	<u>21</u>	<u>15</u>	<u>21</u>
P 7 <u>30</u>	<u>19</u>	<u>18</u>	<u>19</u>	<u>30</u>	<u>21</u>	<u>18</u>	<u>21</u>
P 8 _____		<u>21</u>	<u>19</u>			<u>21</u>	<u>21</u>
P 9 _____		<u>24</u>	<u>23</u>			<u>23</u>	<u>21</u>
P 10 _____		<u>27</u>	<u>25</u>			<u>27</u>	<u>21</u>
P 11 _____		<u>30</u>	<u>27</u>			<u>20</u>	<u>21</u>
P 12 _____							
P 13 _____							
P 14 _____							
P 15 _____							
P 16 _____							
P 17 _____							
P 18 _____							
P 19 _____							
P 20 _____							

ALLISON & BLACK
ALTENBAUMER #1

T.K.T 11530
TEST #2



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1627	1621	PSI
(B) First Initial Flow Pressure	21	19	PSI
(C) First Final Flow Pressure	21	19	PSI
(D) Initial Closed-in Pressure 21	34	27	PSI
(E) Second Initial Flow Pressure	21	21	PSI
(F) Second Final Flow Pressure	21	21	PSI
(G) Final Closed-in Pressure	25	21	PSI
(H) Final Hydrostatic Mud	1600	1609	PSI



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Company Allison & Black Lease & Well No. Altenbaumer # 1
Elevation 1742 Kelly Rushing Formation Kansas City Effective Pay _____ Ft. Ticket No. 11531
Date 7-12-68 Sec. 26 Twp. 19s Range 10w County Rice State Kansas
Test Approved by R. B. Jenkins Western Representative Guy. M. Knipe
Formation Test No. 3 O.K. ☒ Misrun _____ Interval Tested From 3178' to 3215' Total Depth 3215'
Size Main Hole 7 7/8 Rat Hole _____ Conv. _____ B.T. ☒ Damaged _____ Yes ☒ No Conv. ☒ B.T. _____ Damaged _____ Yes ☒ No
Packer Depth 3173 Ft. Size 6 3/4 Packer Depth 3178 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 37 Ft. Size 5 1/2" OD
RECORDERS Depth 3207 Ft. Clock No. 6806 Depth 3210 Ft. Clock No. 8475
Top Make Kuster Cap. 4150 No. 2604 Inside _____ Outside _____ Bottom Make Kuster Cap. 4250 No. 1051 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 8:03 P M
Tool Open I.F.P. From 8:05 M. to 8:35P M. Hr. 30 Min. From (B) 27 P.S.I. To (C) 27 P.S.I.
Tool Closed I.C.I.P. From 8:35 M. to 9:05P M. Hr. 30 Min. (D) 38 P.S.I.
Tool Open F.F.P. From 9:05 M. to 9:40P M. Hr. 35 Min. From (E) 31 P.S.I. To (F) 31 P.S.I.
Tool Closed F.C.I.P. From 9:40 M. to 10:10P M. Hr. 30 Min. (G) 31 P.S.I.
Initial Hydrostatic Pressure (A) 1676 P.S.I. Final Hydrostatic Pressure (H) 1661 P.S.I.
SURFACE Size Choke 3/4 In. Max. Press. P.S.I. _____ Time _____ Description of Flow _____
INFORMATION _____ M. _____
_____ M. _____
_____ M. _____
BLOW Weak blow for 20 minutes (see remarks) Bottom Choke Size 3/4 In.
Did Well Flow _____ Yes ☒ No _____ Recovery Total Ft. 12 feet drilling mud
Reversed Out _____ Yes ☒ No _____ Mud Type starch Viscosity 39 Weight 9.9 Water Loss 16.6 cc. Maximum Temp. Therm. broke °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 3158 ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe _____ ft. I.D. Weight Pipe _____ in. Length Drill Collars _____ ft.
I. D. Drill Collars _____ in. Length D.S.T. Tool 57 ft.
Remarks Flushed tool 2 times --no blow

WESTERN TESTING CO., INC. Pressure Data

Date 7-11-68 Test Ticket No. 11531
Recorder No. 2604 Capacity 4150 Location 3207 Ft.
Clock No. 6806 Elevation 1742 Kelly Bushing Well Temperature -- °F

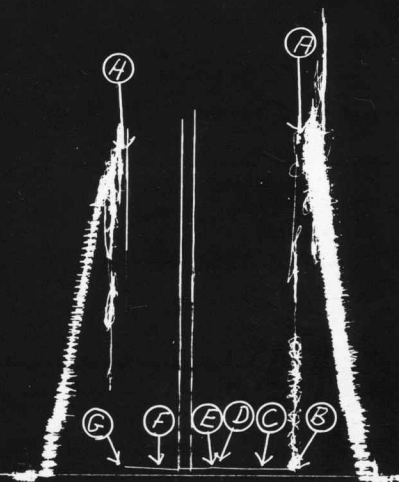
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1676</u> P.S.I.	Opened Tool	<u>8:03 P</u> M	
B First Initial Flow Pressure	<u>27</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>27</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>38</u> P.S.I.	Second Flow Pressure	<u>35</u> Mins.	<u>35</u> Mins.
E Second Initial Flow Pressure	<u>31</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>35</u> Mins.
F Second Final Flow Pressure	<u>31</u> P.S.I.			
G Final Closed-in Pressure	<u>31</u> P.S.I.			
H Final Hydrostatic Mud	<u>1661</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>7</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>27</u>	<u>0</u>	<u>27</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>31</u>
P 2 <u>5</u>	<u>27</u>	<u>3</u>	<u>27</u>	<u>5</u>	<u>31</u>	<u>3</u>	<u>31</u>
P 3 <u>10</u>	<u>27</u>	<u>6</u>	<u>27</u>	<u>10</u>	<u>31</u>	<u>6</u>	<u>31</u>
P 4 <u>15</u>	<u>27</u>	<u>9</u>	<u>27</u>	<u>15</u>	<u>31</u>	<u>9</u>	<u>31</u>
P 5 <u>20</u>	<u>27</u>	<u>12</u>	<u>27</u>	<u>20</u>	<u>31</u>	<u>12</u>	<u>31</u>
P 6 <u>25</u>	<u>27</u>	<u>15</u>	<u>27</u>	<u>25</u>	<u>31</u>	<u>15</u>	<u>31</u>
P 7 <u>30</u>	<u>27</u>	<u>18</u>	<u>27</u>	<u>30</u>	<u>31</u>	<u>18</u>	<u>31</u>
P 8 <u> </u>	<u> </u>	<u>21</u>	<u>27</u>	<u>35</u>	<u>31</u>	<u>21</u>	<u>31</u>
P 9 <u> </u>	<u> </u>	<u>24</u>	<u>29</u>	<u> </u>	<u> </u>	<u>24</u>	<u>31</u>
P 10 <u> </u>	<u> </u>	<u>27</u>	<u>34</u>	<u> </u>	<u> </u>	<u>27</u>	<u>31</u>
P 11 <u> </u>	<u> </u>	<u>30</u>	<u>38</u>	<u> </u>	<u> </u>	<u>30</u>	<u>31</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
ALTENBAUMER #1

T.K.T 11531
TEST #3



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	1670	1676	PSI
(B) First Initial Flow Pressure	31	27	PSI
(C) First Final Flow Pressure	31	27	PSI
(D) Initial Closed-in Pressure	38	38	PSI
(E) Second Initial Flow Pressure	31	31	PSI
(F) Second Final Flow Pressure	31	31	PSI
(G) Final Closed-in Pressure	36	31	PSI
(H) Final Hydrostatic Mud	1653	1661	PSI

NOMENCLATURE

b	== Approximate Radius of Investigation	Feet
b¹	== Approximate Radius of Investigation (Net Pay Zone h ¹)	Feet
D.R.	== Damage Ratio	—
EI	== Elevation	Feet
GD	== B.T. Gauge Depth (From Surface Reference)	Feet
h	== Interval Tested	Feet
h¹	== Net Pay Thickness	Feet
K	== Permeability	md
K¹	== Permeability (From Net Pay Zone h ¹)	md
m	== Slope Extrapolated Pressure Plot (Psi ² /cycle Gas)	psi/cycle
OF¹	== Maximum Indicated Flow Rate	MCF/D
OF²	== Minimum Indicated Flow Rate	MCF/D
OF³	== Theoretical Open Flow Potential with/Damage Removed Max.	MCF/D
OF⁴	== Theoretical Open Flow Potential with/Damage Removed Min.	MCF/D
P^S	== Extrapolated Static Pressure	Psig.
P^F	== Final Flow Pressure	Psig.
P^{OT}	== Potentiometric Surface (Fresh Water*)	Feet
Q	== Average Adjusted Production Rate During Test	bbls/day
Q¹	== Theoretical Production w/Damage Removed	bbls/day
Q^g	== Measured Gas Production Rate	MCF/D
R	== Corrected Recovery	bbls
r^w	== Radius of Well Bore	Feet
t	== Flow Time	Minutes
t^o	== Total Flow Time	Minutes
T	== Temperature Rankine	°R
Z	== Compressibility Factor	—
u	== Viscosity Gas or Liquid	CP
Log	== Common Log	

* Potentiometric Surface Reference to Rotary Table When Elevation Not Given, Fresh Water Corrected to 100° F.