



Home Office: Great Bend, Kansas  
P. O. Box 793                      Swift 3-7903

Company Dean Allison Oil Company Lease & Well No. Keagy #1  
Elevation 1443 Kelly Bushings Formation Kansas City Ticket Number 6162  
Date Nov. 17, 1965 Sec. 22 Twp. 25s Range 1E County Sedgwick State Kansas  
Test Approved by Dean Allison Western Representative Norman Allen

Formation Test No. 1 O.K.  Misrun  Interval Tested From 2550' to 2577' Total Depth 2577'  
Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged Yes no No Conv.  B.T.  Damaged Yes no No  
Packer Depth 2545 Ft. Size 6 3/4 Packer Depth 2550 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 IF Anchor Length 27 Ft. Size 5 1/2 OD  
RECORDERS Depth 2571 Ft. Clock No. 4964 Depth 2574 Ft. Clock No. 141  
Top Make Kuster Cap. 3150 No. 1562 Inside Bottom Make Western Cap. 3000 No. 29 Outside  
Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Inside Depth \_\_\_\_\_ Ft. Clock No. \_\_\_\_\_ Inside  
Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Outside Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Outside

Time Set Packer 2:23 A M  
Tool Open I.F.P. From 2:25 M to 2:30 M Hr. 5 Min. From (B) \_\_\_\_\_ P.S.I. To (C) \_\_\_\_\_ 51 P.S.I.  
Tool Closed I.C.I.P. From 2:30 M. to 3:00 M. Hr. 30 Min. (D) \_\_\_\_\_ 780 P.S.I.  
Tool Open F.F.P. From 3:00 M. to 4:00 M. 1 Hr. Min. From (E) \_\_\_\_\_ 80 P.S.I. To (F) \_\_\_\_\_ 149 P.S.I.  
Tool Closed F.C.I.P. From 4:00 M. to 4:30 M. Hr. 30 Min. (G) \_\_\_\_\_ 620 P.S.I.  
Initial Hydrostatic Pressure (A) \_\_\_\_\_ 1269 P.S.I. Final Hydrostatic Pressure (H) \_\_\_\_\_ 1242 P.S.I.

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

BLOW Fair blow diminishing to weak at end of test. Bottom Choke Size 3/4 In.  
Did Well Flow Yes no No Recovery Total Ft. ( 300' total fluid) 60' oil cut watery mud;  
240' salt water. Mud

Reversed Out Yes no No Mud Type chem. Viscosity 35 Weight 9.6 Maximum Temp. 97 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make \_\_\_\_\_ Ser. No. \_\_\_\_\_

Type Circ. Sub. pin Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes

Length Drill Pipe 2380 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ in. Length Drill Collars 150 ft.  
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 47 ft.

Remarks \_\_\_\_\_

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date November 17, 1965 Test Ticket No. 6162  
 Recorder No. 1562 Capacity 3150 Location 2571 Ft.  
 Clock No. 4964 Elevation 1443 Kelly Bushings Well Temperature 97 °F

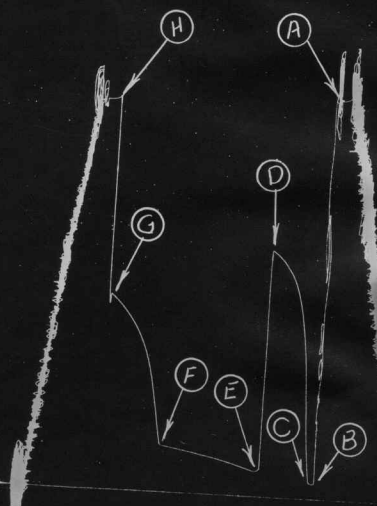
Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1269</u> P.S.I.	<u>2:23A</u> M	
B First Initial Flow Pressure	<u>47</u> P.S.I.	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>51</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>780</u> P.S.I.	<u>60</u> Mins.	<u>58</u> Mins.
E Second Initial Flow Pressure	<u>80</u> P.S.I.	<u>30</u> Mins.	<u>33</u> Mins.
F Second Final Flow Pressure	<u>149</u> P.S.I.		
G Final Closed-in Pressure	<u>620</u> P.S.I.		
H Final Hydrostatic Mud	<u>1242</u> P.S.I.		

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Press.	Initial Shut-In	Second Flow Pressure	Final Shut-In			
	Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.	Breakdown: <u>11</u> Inc. of <u>5</u> mins. and a final inc. of <u>3</u> Min.	Breakdown: <u>11</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.			
	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>47</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>80</u>	<u>0</u>	<u>149</u>
P 2	<u>51</u>	<u>3</u>	<u>232</u>	<u>5</u>	<u>83</u>	<u>3</u>	<u>264</u>
P 3		<u>6</u>	<u>441</u>	<u>10</u>	<u>91</u>	<u>6</u>	<u>345</u>
P 4		<u>9</u>	<u>566</u>	<u>15</u>	<u>100</u>	<u>9</u>	<u>408</u>
P 5		<u>12</u>	<u>645</u>	<u>20</u>	<u>108</u>	<u>12</u>	<u>462</u>
P 6		<u>15</u>	<u>694</u>	<u>25</u>	<u>114</u>	<u>15</u>	<u>501</u>
P 7		<u>18</u>	<u>722</u>	<u>30</u>	<u>119</u>	<u>18</u>	<u>527</u>
P 8		<u>21</u>	<u>747</u>	<u>35</u>	<u>125</u>	<u>21</u>	<u>554</u>
P 9		<u>24</u>	<u>762</u>	<u>40</u>	<u>131</u>	<u>24</u>	<u>572</u>
P10		<u>27</u>	<u>775</u>	<u>45</u>	<u>136</u>	<u>27</u>	<u>594</u>
P11		<u>30</u>	<u>780</u>	<u>50</u>	<u>141</u>	<u>30</u>	<u>608</u>
P12				<u>55</u>	<u>144</u>	<u>33</u>	<u>620</u>
P13				<u>58</u>	<u>149</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Dean Allison Oil Co.  
Keagy #1

Test #1  
TKT#6162



This is an actual photograph of recorder chart.

POINT	PRESSURE
(A) Initial Hydrostatic Mud .....	1269 PSI
(B) First Initial Flow Pressure .....	47 PSI
(C) First Final Flow Pressure .....	51 PSI
(D) Initial Closed-in Pressure .....	780 PSI
(E) Second Initial Flow Pressure .....	80 PSI
(F) Second Final Flow Pressure .....	149 PSI
(G) Final Closed-in Pressure .....	620 PSI
(H) Final Hydrostatic Mud .....	1242 PSI



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Company Dean Allison Oil Company Lease & Well No. Keagy #1  
 Elevation 1443 Kelly Bushings Formation Kansas City Ticket Number 6163  
 Date Nov. 17, 1965 Sec. 22 Twp. 25s Range 1E County Sedgwick State Kansas  
 Test Approved by Toby Elster Western Representative Norman Allen

Formation Test No. 2 O.K.  Misrun \_\_\_\_\_ Interval Tested From 2599' to 2617' Total Depth 2617'  
 Size Main Hole 7 7/8 Rat Hole \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged \_\_\_\_\_ Yes no No Conv B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes no No  
 Packer Depth 2594 Ft. Size 6 3/4 Packer Depth 2599 Ft. Size 6 3/4  
 Straddle \_\_\_\_\_ Yes \_\_\_\_\_ No no Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 IF Anchor Length 18 Ft. Size 5 1/2 OD  
 RECORDERS Depth 2611 Ft. Clock No. 4964 Depth 2614 Ft. Clock No. 141  
 Top Make Kuster Cap. 3150 No. 1562 Inside \_\_\_\_\_ Outside \_\_\_\_\_ Bottom Make Western Cap. 3000 No. 29 Inside \_\_\_\_\_ Outside \_\_\_\_\_  
 Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Depth \_\_\_\_\_ Ft. Clock No. \_\_\_\_\_  
 Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_ Bottom Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_

Time Set Packer 1:38 P \_\_\_\_\_ M  
 Tool Open I.F.P. From 1:40 M to 1:45 M Hr. 5 Min. From (B) \_\_\_\_\_ P.S.I. To (C) 16 P.S.I.  
 Tool Closed I.C.I.P. From 1:45 M. to 2:15 M. Hr. 30 Min. (D) \_\_\_\_\_ P.S.I. 854  
 Tool Open F.F.P. From 2:15 M. to 3:15 M. 1 Hr. \_\_\_\_\_ Min. From (E) 20 P.S.I. To (F) 31 P.S.I.  
 Tool Closed F.C.I.P. From 3:15 M. to 3:45 M. Hr. 30 Min. (G) \_\_\_\_\_ P.S.I. 686  
 Initial Hydrostatic Pressure (A) 1307 P.S.I. Final Hydrostatic Pressure (H) 1297 P.S.I.

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

BLOW Weak 20 minutes. Flushed tool once (Good surge) Bottom Choke Size 3/4 In.  
 Did Well Flow \_\_\_\_\_ Yes no No Recovery Total Ft. 30' drilling mud

Reversed Out \_\_\_\_\_ Yes no No Mud Type chem. Viscosity 41 Weight 9.5 Maximum Temp. 97 °F

EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
 Type Circ. Sub. pin Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes  
 Length Drill Pipe 2430 ft. I.D. Drill Pipe 8.8 in Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ in. Length Drill Collars 150 ft.  
 I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 37 ft.

Remarks \_\_\_\_\_

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date November 17~~th~~ 1965

Test Ticket No. 6163

Recorder No. 1562

Capacity 3150

Location 2611 Ft.

Clock No. 4964

Elevation 1443 Kelly Bushings

Well Temperature 97 °F

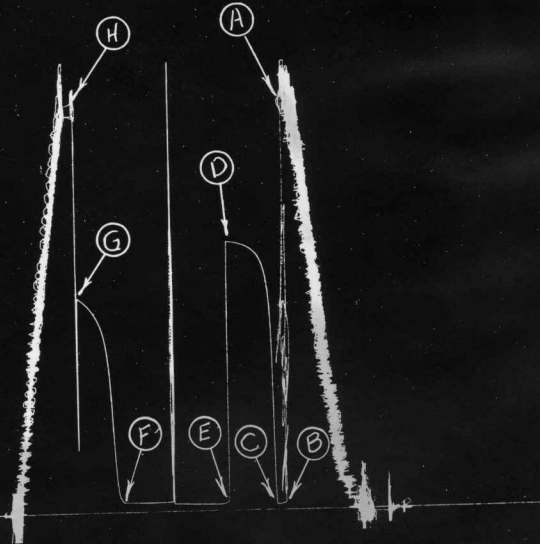
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1307</u> P.S.I.	Opened Tool	<u>1:38</u> P	M
B First Initial Flow Pressure	<u>18</u> P.S.I.	First Flow Pressure	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>16</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>27</u> Mins.
D Initial Closed-in Pressure	<u>854</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>20</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>26</u> Mins.
F Second Final Flow Pressure	<u>31</u> P.S.I.			
G Final Closed-in Pressure	<u>686</u> P.S.I.			
H Final Hydrostatic Mud	<u>1297</u> P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Press.	Point Minutes	Initial Shut-In	Point Minutes	Second Flow Pressure	Point Minutes	Final Shut-In
	Breakdown: <u>1</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>9</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.		Breakdown: <u>8</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.
	Press.		Press.		Press.		Press.
P 1 <u>0</u>	<u>18</u>	<u>0</u>	<u>16</u>	<u>0</u>	<u>20</u>	<u>0</u>	<u>31</u>
P 2 <u>5</u>	<u>16</u>	<u>3</u>	<u>694</u>	<u>5</u>	<u>20</u>	<u>3</u>	<u>95</u>
P 3		<u>6</u>	<u>781</u>	<u>10</u>	<u>20</u>	<u>6</u>	<u>299</u>
P 4		<u>9</u>	<u>812</u>	<u>15</u>	<u>21</u>	<u>9</u>	<u>526</u>
P 5		<u>12</u>	<u>829</u>	<u>20</u>	<u>22</u>	<u>12</u>	<u>599</u>
P 6		<u>15</u>	<u>837</u>	<u>25</u>	<u>22</u>	<u>15</u>	<u>631</u>
P 7		<u>18</u>	<u>845</u>	<u>30</u>	<u>23</u>	<u>18</u>	<u>656</u>
P 8		<u>21</u>	<u>850</u>	<u>35</u>	<u>25</u>	<u>21</u>	<u>672</u>
P 9		<u>24</u>	<u>853</u>	<u>40</u>	<u>27</u>	<u>24</u>	<u>681</u>
P10		<u>27</u>	<u>854</u>	<u>45</u>	<u>28</u>	<u>26</u>	<u>686</u>
P11				<u>50</u>	<u>29</u>		
P12				<u>55</u>	<u>30</u>		
P13				<u>60</u>	<u>31</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Dean Allison Oil Co.  
Keagy # 1

Test # 2  
TKT# 6163



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud .....	1307	PSI
(B) First Initial Flow Pressure .....	18	PSI
(C) First Final Flow Pressure .....	16	PSI
(D) Initial Closed-in Pressure .....	854	PSI
(E) Second Initial Flow Pressure .....	20	PSI
(F) Second Final Flow Pressure .....	31	PSI
(G) Final Closed-in Pressure .....	686	PSI
(H) Final Hydrostatic Mud .....	1297	PSI



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Company Dean Allison Oil Company Lease & Well No. Keagy #1  
 Elevation 1443 Kelly Bushings Formation Kansas City Ticket Number 6164  
 Date Nov. 18, 1965 Sec. 22 Twp. 25s Range 1E County Sedgwick State Kansas  
 Test Approved by Toby Elster Western Representative Norman Allen

Formation Test No. 3 O.K.  Misrun \_\_\_\_\_ Interval Tested From 2640' to 2664' Total Depth 2664'  
 Size Main Hole 7 7/8 at Hole \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged \_\_\_\_\_ Yes no No Conv.  B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes no No  
 Packer Depth 2635 Ft. Size 6 3/4 Packer Depth 2640 Ft. Size 6 3/4  
 Straddle \_\_\_\_\_ Yes \_\_\_\_\_ No no Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged \_\_\_\_\_ Yes \_\_\_\_\_ No  
 Packer Depth \_\_\_\_\_ Ft. Size \_\_\_\_\_

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 IF Anchor Length 24 Ft. Size 5 1/2 OD  
 RECORDERS Depth 2658 Ft. Clock No. 4964 Depth 2661 Ft. Clock No. 141  
 Top Make Kuster Cap. 3150 No. 1562 Inside \_\_\_\_\_ Outside \_\_\_\_\_ Bottom Make Western Cap. 3000 No. 29 Inside \_\_\_\_\_ Outside \_\_\_\_\_  
 Below Straddle: Depth \_\_\_\_\_ Clock No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_  
 Top Make \_\_\_\_\_ Cap. \_\_\_\_\_ No. \_\_\_\_\_ Inside \_\_\_\_\_ Outside \_\_\_\_\_

Time Set Packer 12:08 A \_\_\_\_\_ M  
 Tool Open I.F.P. From 12:10 M to 12:15 M Hr. 5 Min. From (B) \_\_\_\_\_ 31 P.S.I. To (C) \_\_\_\_\_ 31 P.S.I.  
 Tool Closed I.C.I.P. From 12:15 M. to 12:35 M. Hr. 20 Min. (D) \_\_\_\_\_ 939 P.S.I.  
 Tool Open F.F.P. From 12:35 M. to 1:35 M. 1 Hr. \_\_\_\_\_ Min. From (E) \_\_\_\_\_ 36 P.S.I. To (F) \_\_\_\_\_ 88 P.S.I.  
 Tool Closed F.C.I.P. From 1:35 M. to 2:05 M. Hr. 30 Min. (G) \_\_\_\_\_ 900 P.S.I.  
 Initial Hydrostatic Pressure (A) \_\_\_\_\_ 1342 P.S.I. Final Hydrostatic Pressure (H) \_\_\_\_\_ 1310 P.S.I.

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

BLOW Weak steady throughout test. Bottom Choke Size 3/4 In.  
 Did Well Flow \_\_\_\_\_ Yes NO No Recovery Total Ft. 150' muddy salt water

Reversed Out \_\_\_\_\_ Yes NO No Mud Type chem. Viscosity 41 Weight 9.5 Maximum Temp. 97 °F  
 EXTRA EQUIPMENT: Dual Packers \_\_\_\_\_ Safety Joint no Jars: Size \_\_\_\_\_ no Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
 Type Circ. Sub. pin Did Tool Plug? no Where? \_\_\_\_\_ Did Packer Hold? yes  
 Length Drill Pipe 2470 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ in. Length Drill Collars 150 ft.  
 I. D. Drill Collars 2 1/2 in. Length D.S.T. Tool 44 ft.

Remarks

# WESTERN TESTING CO., INC.

## Pressure Data

6164

Date November 18, 1965 Test Ticket No. \_\_\_\_\_  
 Recorder No. 1562 Capacity 3150 Location 2658 Ft.  
 Clock No. 4964 Elevation 1443 Kelly Bushings Well Temperature 97 °F

Point	Pressure	PSI	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1342</u>	<u>PSI</u>	<u>12:08A</u> M	
B First Initial Flow Pressure	<u>31</u>	<u>P.S.I.</u>	<u>5</u> Mins.	<u>5</u> Mins.
C First Final Flow Pressure	<u>31</u>	<u>P.S.I.</u>	<u>20</u> Mins.	<u>20</u> Mins.
D Initial Closed-in Pressure	<u>939</u>	<u>P.S.I.</u>	<u>60</u> Mins.	<u>57</u> Mins.
E Second Initial Flow Pressure	<u>36</u>	<u>P.S.I.</u>	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>88</u>	<u>P.S.I.</u>		
G Final Closed-in Pressure	<u>900</u>	<u>P.S.I.</u>		
H Final Hydrostatic Mud	<u>1310</u>	<u>P.S.I.</u>		

### PRESSURE BREAKDOWN

**First Flow Press.**  
 Breakdown: 1 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Initial Shut-In**  
 Breakdown: 6 Inc.  
 of 3 mins. and a  
 final inc. of 2 Min.

**Second Flow Pressure**  
 Breakdown: 11 Inc.  
 of 5 mins. and a  
 final inc. of 2 Min.

**Final Shut-In**  
 Breakdown: 10 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>31</u>	<u>0</u>	<u>31</u>	<u>0</u>	<u>36</u>	<u>0</u>	<u>88</u>
P 2 <u>5</u>	<u>31</u>	<u>3</u>	<u>758</u>	<u>5</u>	<u>39</u>	<u>3</u>	<u>652</u>
P 3		<u>6</u>	<u>850</u>	<u>10</u>	<u>43</u>	<u>6</u>	<u>758</u>
P 4		<u>9</u>	<u>893</u>	<u>16</u>	<u>48</u>	<u>9</u>	<u>808</u>
P 5		<u>12</u>	<u>915</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>834</u>
P 6		<u>15</u>	<u>928</u>	<u>25</u>	<u>61</u>	<u>15</u>	<u>851</u>
P 7		<u>18</u>	<u>936</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>864</u>
P 8		<u>20</u>	<u>939</u>	<u>35</u>	<u>69</u>	<u>21</u>	<u>873</u>
P 9				<u>40</u>	<u>73</u>	<u>24</u>	<u>883</u>
P10				<u>45</u>	<u>78</u>	<u>27</u>	<u>892</u>
P11				<u>50</u>	<u>81</u>	<u>30</u>	<u>900</u>
P12				<u>55</u>	<u>86</u>		
P13				<u>57</u>	<u>88</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							





Home Office: Great Bend, Kansas  
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Company Dean Allison Oil Company Lease & Well No. Keagy #1  
Elevation 1443 Kelly Bushings Formation Hunt. Ticker Number 6165  
Date Nov. 22, 1965 Sec. 22 Twp. 25s Range 1E County Sedgwick State Kansas  
Test Approved by Toby Elster Western Representative Norman Allen

Formation Test No. 4 O.K.  Misrun \_\_\_\_\_ Interval Tested From 3403' to 3409' Total Depth 3409'  
Size Main Hole 7 7/8 Rat Hole \_\_\_\_\_ Conv. \_\_\_\_\_ B.T.  Damaged Yes  No Conv.  B.T. Damaged Yes  No  
Packer Depth 3398 Ft. Size 6 3/4 Packer Depth 3403 Ft. Size 6 3/4  
Straddle Yes \_\_\_\_\_ No  Conv. \_\_\_\_\_ B.T. \_\_\_\_\_ Damaged Yes \_\_\_\_\_ No

Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 IF Anchor Length 6 Ft. Size 5 1/2 OD  
RECORDERS Depth 3393 Ft. Clock No. 4964 Depth 3406 84836 Ft. Clock No. 141  
Top Make --- Cap. 3150 No. 1562 Inside Outside Bottom Make Western Cap. 3000 No. 29 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 12:23 A \_\_\_\_\_ M  
Tool Open I.F.P. From 12:25 M to 12:30 M Hr. 5 Min. From (B) 20 P.S.I. To (C) 23 P.S.I.  
Tool Closed I.C.I.P. From 12:30 M. to 12:50 M. Hr. 20 Min. (D) \_\_\_\_\_ P.S.I. 1169 P.S.I.  
Tool Open F.F.P. From 12:50 M. to 1:50 M. 1 Hr. \_\_\_\_\_ Min. From (E) 32 P.S.I. To (F) 97 P.S.I.  
Tool Closed F.C.I.P. From 1:50 M. to 2:20A M. Hr. 30 Min. (G) \_\_\_\_\_ P.S.I. 1081 P.S.I.  
Initial Hydrostatic Pressure (A) 1712 P.S.I. Final Hydrostatic Pressure (H) 1701 P.S.I.

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

BLOW Fair blow throughout test. Bottom Choke Size 3/4 In.

Did Well Flow Yes  No \_\_\_\_\_ Recovery Total Ft. 225' sulphur water \_\_\_\_\_ Mud \_\_\_\_\_

Reversed Out Yes  No \_\_\_\_\_ Mud Type chem. Viscosity 39 Weight 9.4 Maximum Temp. 110 °F

EXTRA EQUIPMENT: Dual Packers  Safety Joint  Jars: Size no Make \_\_\_\_\_ Ser. No. \_\_\_\_\_  
Type Circ. Sub. pin Did Tool Plug?  Where? \_\_\_\_\_ Did Packer Hold?  yes

Length Drill Pipe 3228 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ in. Length Drill Collars 150 ft.  
I. D. Drill Collars 2 1/4 in. Length D.S.T. Tool 31 ft.

Remarks \_\_\_\_\_

**WESTERN TESTING CO., INC.**  
Pressure Data

Date November 22, 1965 Test Ticket No. 6165  
 Recorder No. 1562 Capacity 3150 Location 3393 Ft.  
 Clock No. 4964 Elevation 1443 Kelly Bushings Well Temperature 110 °F

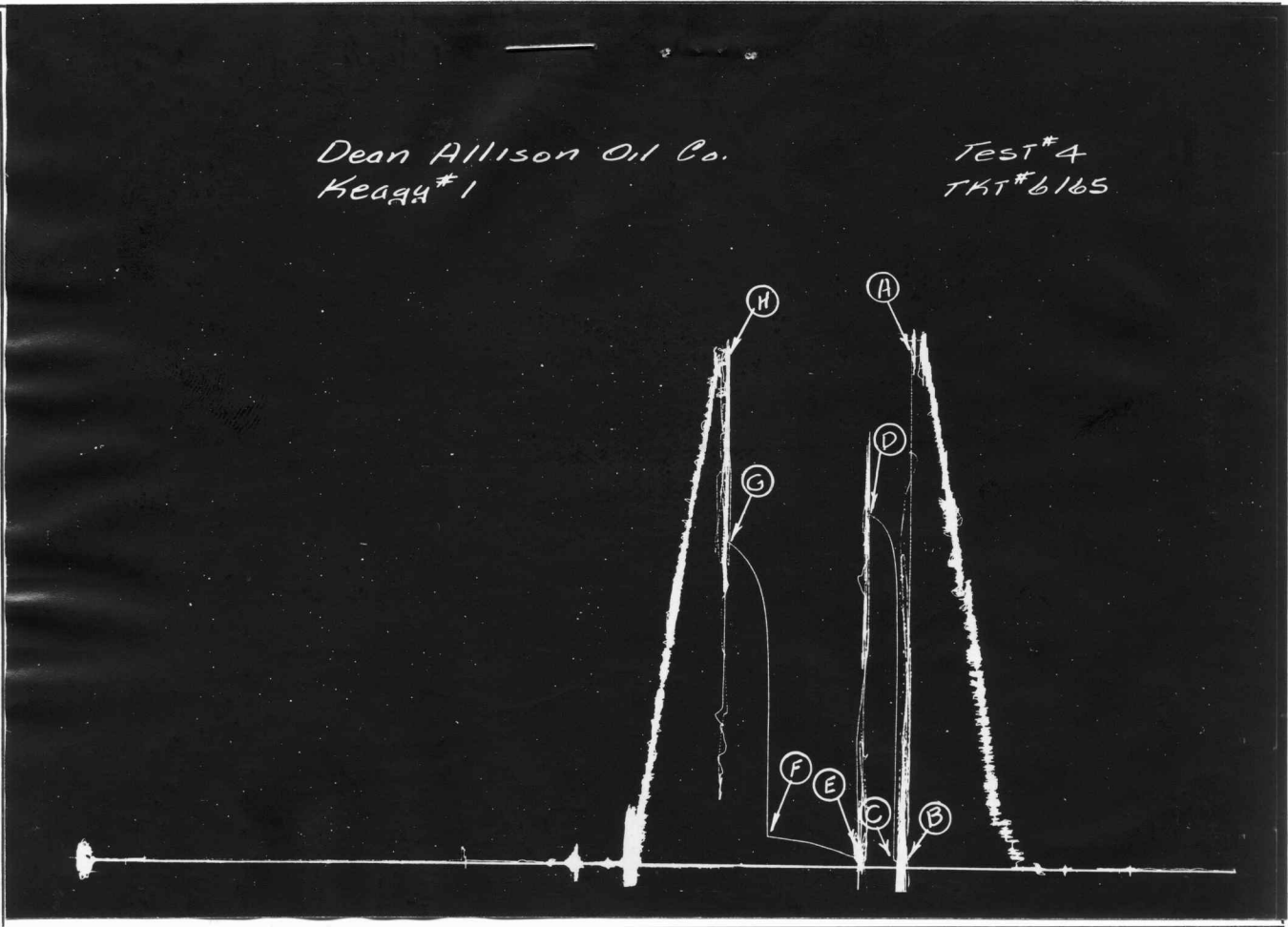
Point	Pressure		Time Given	Time Computed
A	<u>1712</u>	P.S.I.	<u>12:23A</u>	M
B	<u>20</u>	P.S.I.	<u>5</u>	Mins. <u>5</u> Mins.
C	<u>23</u>	P.S.I.	<u>20</u>	Min. <u>21</u> Mins.
D	<u>1169</u>	P.S.I.	<u>60</u>	Min. <u>56</u> Mins.
E	<u>32</u>	P.S.I.	<u>30</u>	Min. <u>29</u> Mins.
F	<u>97</u>	P.S.I.		
G	<u>1081</u>	P.S.I.		
H	<u>1701</u>	P.S.I.		

**PRESSURE BREAKDOWN**

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>1</u> Inc.		Breakdown: <u>7</u> Inc.		Breakdown: <u>11</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>0</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>1</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>0</u>	<u>23</u>	<u>0</u>	<u>32</u>	<u>0</u>	<u>97</u>
P 2	<u>5</u>	<u>3</u>	<u>680</u>	<u>5</u>	<u>36</u>	<u>3</u>	<u>659</u>
P 3		<u>6</u>	<u>996</u>	<u>10</u>	<u>48</u>	<u>6</u>	<u>833</u>
P 4		<u>9</u>	<u>1084</u>	<u>15</u>	<u>58</u>	<u>9</u>	<u>917</u>
P 5		<u>12</u>	<u>1124</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>964</u>
P 6		<u>15</u>	<u>1146</u>	<u>25</u>	<u>72</u>	<u>15</u>	<u>993</u>
P 7		<u>18</u>	<u>1160</u>	<u>30</u>	<u>80</u>	<u>18</u>	<u>1020</u>
P 8		<u>21</u>	<u>1169</u>	<u>35</u>	<u>84</u>	<u>21</u>	<u>1040</u>
P 9				<u>40</u>	<u>87</u>	<u>24</u>	<u>1056</u>
P10				<u>45</u>	<u>91</u>	<u>27</u>	<u>1073</u>
P11				<u>50</u>	<u>94</u>	<u>29</u>	<u>1081</u>
P12				<u>55</u>	<u>96</u>		
P13				<u>56</u>	<u>97</u>		
P14							
P15							
P16							
P17							
P18							
P19							
P20							

Dean Allison Oil Co.  
Keagy #1

Test #4  
TKT#6165



This is an actual photograph of recorder chart.

POINT	PRESSURE	
(A) Initial Hydrostatic Mud .....	1712	PSI
(B) First Initial Flow Pressure .....	20	PSI
(C) First Final Flow Pressure .....	23	PSI
(D) Initial Closed-in Pressure .....	1169	PSI
(E) Second Initial Flow Pressure .....	32	PSI
(F) Second Final Flow Pressure .....	97	PSI
(G) Final Closed-in Pressure .....	1081	PSI
(H) Final Hydrostatic Mud .....	1701	PSI

COMPANY

DEAN ALLISON OIL COMPANY

LEASE AND WELL NO.

KEAGY #1

SEC

22

TWP

25S

RGE

1E

TEST NO.

4

DATE

11-22-65