



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

Company **Gabbert & Jones, Inc.** Lease & Well No. **Davis # 1**  
Elevation **2250 Derrick Floor** Formation **Kansas City** Effective Pay ----- Ft. Ticker No. **6703**  
Date **9-24-67** Sec. **10** Twp. **27** Range **19w** County **Kiowa** State **Kansas**  
Test Approved by **R. K. Grant** Western Representative **George Tew**

Formation Test No. **1** O.K.  Misrun  Interval Tested From **4357'** to **4385'** Total Depth **4385'**  
Size Main Hole **7 7/8** Rat Hole **none** Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Packer Depth **4357** Ft. Size **6 3/4** Packer Depth **4352** 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" F.H.** Anchor Length **28** Ft. Size **5 1/2" OD**

RECORDERS Depth **4377** Ft. Clock No. **6896** Depth **4380** Ft. Clock No. **6866**  
Top Make **Kuster** Cap. **4500** No. **3086** Inside **Outside** Bottom Make **Kuster** Cap. **4300** No. **1566** 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 **11:58 P.** M  
Tool Open I.F.P. From **12:00** M. to **12:30 A.** Hr. **30** Min. From (B) **24** P.S.I. To (C) **40** P.S.I.  
Tool Closed I.C.I.P. From **12:30 A.** M. to **1:00 A.M.** Hr. **30** Min. (D) **1106** P.S.I.  
Tool Open F.F.P. From **1:00 A.M.** to **2:00 A.M.** **1** Hr. **--** Min. From (E) **52** P.S.I. To (F) **79** P.S.I.  
Tool Closed F.C.I.P. From **2:00 A.M.** to **2:30 A.M.** Hr. **30** Min. (G) **1098** P.S.I.  
Initial Hydrostatic Pressure (A) **2369** P.S.I. Final Hydrostatic Pressure (H) **2336** P.S.I.

SURFACE Size Choke **1/2** In. Max. Press. P.S.I. \_\_\_\_\_ Time \_\_\_\_\_ Description of Flow \_\_\_\_\_  
INFORMATION \_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_  
\_\_\_\_\_ M. \_\_\_\_\_

BLOW **Weak, steady blow during initial flow period-No blow during final flow period.** Bottom Choke Size **3/4** In.  
Did Well Flow  Yes  No Recovery Total Ft. **100 feet drilling mud with spots of oil**

Reversed Out  Yes  No Mud Type **starch** Viscosity **46** Weight **9.7** Water Loss ----- cc. Maximum Temp. **121** °F

EXTRA EQUIPMENT: Dual Packers **yes** Safety Joint **yes** Jars: Size **4 1/2" OD** Make **W.T.C.** Ser. No. **406**

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

Length Drill Pipe **4074** ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe \_\_\_\_\_ ft. I.D. Weight Pipe \_\_\_\_\_ in. Length Drill Collars **255** ft.

I. D. Drill Collars \_\_\_\_\_ in. Length D.S.T. Tool **56** ft.

Remarks **Flushed tool at 1:30 A.M. - weak blow for five minutes then died.**

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

Date 9-24-67 Test Ticket No. 6703  
 Recorder No. 3086 Capacity 4500 Location 4377 Ft.  
 Clock No. 6896 Elevation 2250 Derrick Floor Well Temperature 121 °F

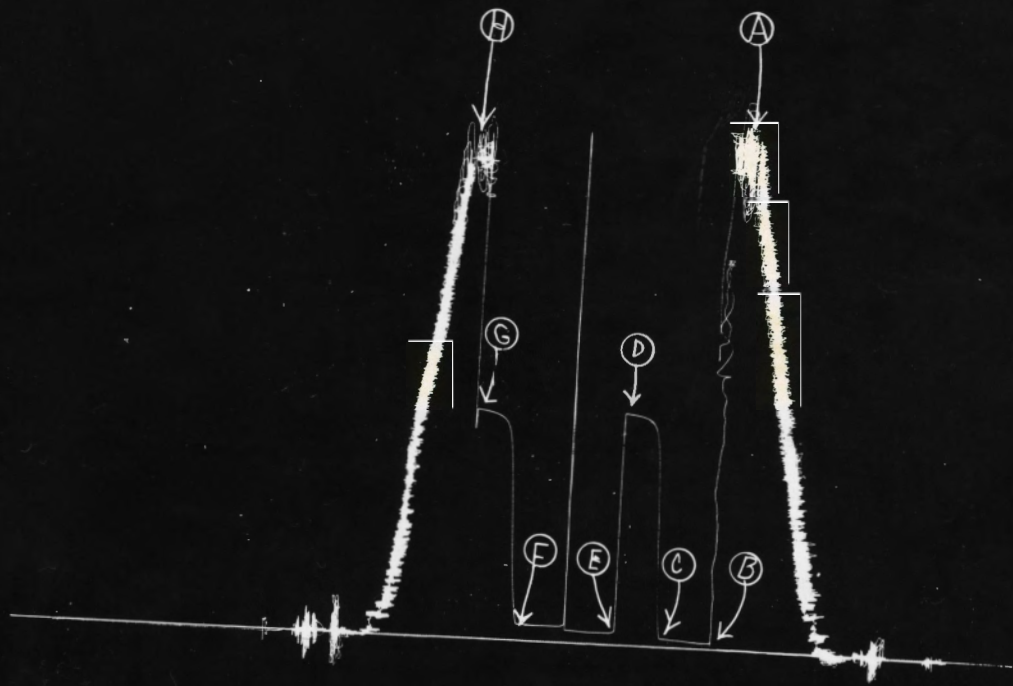
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2369</b>	P.S.I.	<b>11:58 P.</b>	<b>M</b>
B First Initial Flow Pressure	<b>24</b>	P.S.I.	<b>30</b> Mins.	<b>30</b> Mins.
C First Final Flow Pressure	<b>40</b>	P.S.I.	<b>30</b> Mins.	<b>31</b> Mins.
D Initial Closed-in Pressure	<b>1106</b>	P.S.I.	<b>60</b> Mins.	<b>63</b> Mins.
E Second Initial Flow Pressure	<b>52</b>	P.S.I.	<b>30</b> Mins.	<b>33</b> Mins.
F Second Final Flow Pressure	<b>79</b>	P.S.I.		
G Final Closed-in Pressure	<b>1098</b>	P.S.I.		
H Final Hydrostatic Mud	<b>2336</b>	P.S.I.		

**PRESSURE BREAKDOWN**

First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <b>6</b> Inc.		Breakdown: <b>10</b> Inc.		Breakdown: <b>12</b> Inc.		Breakdown: <b>11</b> Inc.	
of <b>5</b> mins. and a		of <b>3</b> mins. and a		of <b>5</b> mins. and a		of <b>3</b> mins. and a	
final inc. of <b>--</b> Min.		final inc. of <b>1</b> Min.		final inc. of <b>3</b> Min.		final inc. of <b>--</b> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>52</b>	<b>0</b>	<b>79</b>
P 2	<b>5</b>	<b>3</b>	<b>220</b>	<b>5</b>	<b>52</b>	<b>3</b>	<b>208</b>
P 3	<b>10</b>	<b>6</b>	<b>699</b>	<b>10</b>	<b>52</b>	<b>6</b>	<b>541</b>
P 4	<b>15</b>	<b>9</b>	<b>997</b>	<b>15</b>	<b>53</b>	<b>9</b>	<b>888</b>
P 5	<b>20</b>	<b>12</b>	<b>1058</b>	<b>20</b>	<b>54</b>	<b>12</b>	<b>1018</b>
P 6	<b>25</b>	<b>15</b>	<b>1081</b>	<b>25</b>	<b>56</b>	<b>15</b>	<b>1055</b>
P 7	<b>30</b>	<b>18</b>	<b>1090</b>	<b>30</b>	<b>59</b>	<b>18</b>	<b>1071</b>
P 8		<b>21</b>	<b>1097</b>	<b>35</b>	<b>73</b>	<b>21</b>	<b>1081</b>
P 9		<b>24</b>	<b>1102</b>	<b>40</b>	<b>73</b>	<b>24</b>	<b>1088</b>
P10		<b>27</b>	<b>1103</b>	<b>45</b>	<b>73</b>	<b>27</b>	<b>1092</b>
P11		<b>30</b>	<b>1104</b>	<b>50</b>	<b>74</b>	<b>30</b>	<b>1095</b>
P12		<b>31</b>	<b>1106</b>	<b>55</b>	<b>75</b>	<b>33</b>	<b>1098</b>
P13				<b>60</b>	<b>79</b>		
P14				<b>63</b>	<b>79</b>		
P15							
P16							
P17							
P18							
P19							
P20							

Gabbert & Jones Inc.  
Davis #1

TKT-6703  
Test #1



This is an actual photograph of recorder chart.

POINT	PRESSURE
(A) Initial Hydrostatic Mud .....	2369 PSI
(B) First Initial Flow Pressure .....	24 PSI
(C) First Final Flow Pressure .....	40 PSI
(D) Initial Closed-in Pressure .....	1106 PSI
(E) Second Initial Flow Pressure .....	52 PSI
(F) Second Final Flow Pressure .....	79 PSI
(G) Final Closed-in Pressure .....	1098 PSI
(H) Final Hydrostatic Mud .....	2336 PSI

CN's NE  
Kearney Co, Mo

# WESTERN TESTING CO., INC.

## Pressure Data

Date 9-26-67 Test Ticket No. 7141  
 Recorder No. 2606 Capacity 4150 Location 4796 Ft.  
 Clock No. 8475 Elevation 2253 Kelly Bushings Well Temperature 128 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2519</b>	P.S.I.	<b>2:12 P.</b>	M
B First Initial Flow Pressure	<b>118</b>	P.S.I.	<b>5</b> Mins.	<b>5</b> Mins.
C First Final Flow Pressure	<b>99</b>	P.S.I.	<b>30</b> Mins.	<b>30</b> Mins.
D Initial Closed-in Pressure	<b>1375</b>	P.S.I.	<b>90</b> Mins.	<b>88</b> Mins.
E Second Initial Flow Pressure	<b>133</b>	P.S.I.	<b>45</b> Mins.	<b>44</b> Mins.
F Second Final Flow Pressure	<b>39</b>	P.S.I.		
G Final Closed-in Pressure	<b>987</b>	P.S.I.		
H Final Hydrostatic Mud	<b>2486</b>	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>--</u> Min.	Breakdown: <u>10</u> Inc. of <u>3</u> mins. and a final inc. of <u>--</u> Min.	Breakdown: <u>17</u> Inc. of <u>5</u> mins. and a final inc. of <u>3</u> Min.	Breakdown: <u>14</u> Inc. of <u>3</u> mins. and a final inc. of <u>2</u> Min.
	Point Minutes	Point Minutes	Point Minutes	Point Minutes
P 1	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
P 2	<b>5</b>	<b>3</b>	<b>5</b>	<b>3</b>
P 3		<b>6</b>	<b>10</b>	<b>6</b>
P 4		<b>9</b>	<b>15</b>	<b>9</b>
P 5		<b>12</b>	<b>20</b>	<b>12</b>
P 6		<b>15</b>	<b>25</b>	<b>15</b>
P 7		<b>18</b>	<b>30</b>	<b>18</b>
P 8		<b>21</b>	<b>35</b>	<b>21</b>
P 9		<b>24</b>	<b>40</b>	<b>24</b>
P10		<b>27</b>	<b>45</b>	<b>27</b>
P11		<b>30</b>	<b>50</b>	<b>30</b>
P12			<b>55</b>	<b>33</b>
P13			<b>60</b>	<b>36</b>
P14			<b>65</b>	<b>39</b>
P15			<b>70</b>	<b>42</b>
P16			<b>75</b>	<b>44</b>
P17			<b>80</b>	
P18			<b>85</b>	
P19			<b>88</b>	
P20				



P. O. BOX 793  
GREAT BEND, KANSAS

COMPANY Gabbert - Jones Inc. LEASE & WELL NO. Davis # 1

TEST NO. 2 INTERVAL TESTED FROM 4780' TO 4805'

TIME PRE-FLOW	MAX PRESS. P.S.I. In. of water	2"	DESCRIPTION OF FLOW
<u>5</u>	<u>10.9</u>		<u>458,000</u>
<u>10</u>	<u>9.5</u>		<u>428,000</u>
<u>20</u>	<u>6.8</u>		<u>362,000</u>
<u>30</u>	<u>5.0</u>		<u>310,000</u>
<u>40</u>	<u>4.1</u>		<u>280,000</u>
<u>50</u>	<u>3.5</u>		<u>260,000</u>
SECOND FLOW			
<u>60</u>	<u>3.0</u>		<u>240,000</u>
<u>70</u>	<u>2.7</u>		<u>228,000</u>
<u>80</u>	<u>2.4</u>		<u>214,000</u>
<u>90</u>	<u>2.4</u>		<u>214,000</u>

SIZE CHOKE \_\_\_\_\_ SURFACE \_\_\_\_\_ IN. \_\_\_\_\_ BOTTOM \_\_\_\_\_ IN. \_\_\_\_\_

REMARKS \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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

Company Gabbert - Jones Inc. Lease & Well No. Davis # 1  
Elevation 2253 Kelly Bushings Formation Mississippi Effective Pay ----- Ft. Ticket No. 7141  
Date 9-26-67 Sec. 10 Twp 27s Range 19w County Kiowa State Kansas  
Test Approved by R. K. Grant Western Representative Dean Blagrave

Formation Test No. 2 O.K.  Misrun ----- Interval Tested From 4780' to 4805' Total Depth 4805'  
Size Main Hole 7 7/8 Rat Hole ----- Conv. ----- B.T.  Damaged ----- Yes  No Conv.  B.T. ----- Damaged ----- Yes  No  
Packer Depth 4775 Ft. Size 6 3/4 Packer Depth 4780 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 25 Ft. Size 5 1/2" O.D.

RECORDERS Depth 4796 Ft. Clock No. 8475 Depth 4799 Ft. Clock No. 6774  
Top Make Amerada Cap. 4150 No. 2606 Inside Bottom Make Amerada Cap. 4300 No. 1567 Inside  
Below Straddle: Depth ----- Clock No. ----- Inside Depth ----- Ft. Clock No. ----- Outside  
Top Make ----- Cap. ----- No. ----- Inside Bottom Make ----- Cap. ----- No. ----- Outside

Time Set Packer 2:12 P. M  
Tool Open I.F.P. From 2:15 M. to 2:20 P M. Hr. 5 Min. From (B) 118 P.S.I. To (C) 99 P.S.I.  
Tool Closed I.C.I.P. From 2:20 M. to 2:50 P M. Hr. 30 Min. (D) 1375 P.S.I.  
Tool Open F.F.P. From 2:50 M. to 4:20 P M. 1 Hr. 30 Min. From (E) 133 P.S.I. To (F) 39 P.S.I.  
Tool Closed F.C.I.P. From 4:20 M. to 5:05 P M. Hr. 45 Min. (G) 987 P.S.I.  
Initial Hydrostatic Pressure (A) 2519 P.S.I. Final Hydrostatic Pressure (H) 2486 P.S.I.

SURFACE Size Choke 3/4 In. Max. Press. P.S.I. Time Description of Flow  
INFORMATION ----- M. -----  
See Attached Sheet M. -----  
----- M. -----

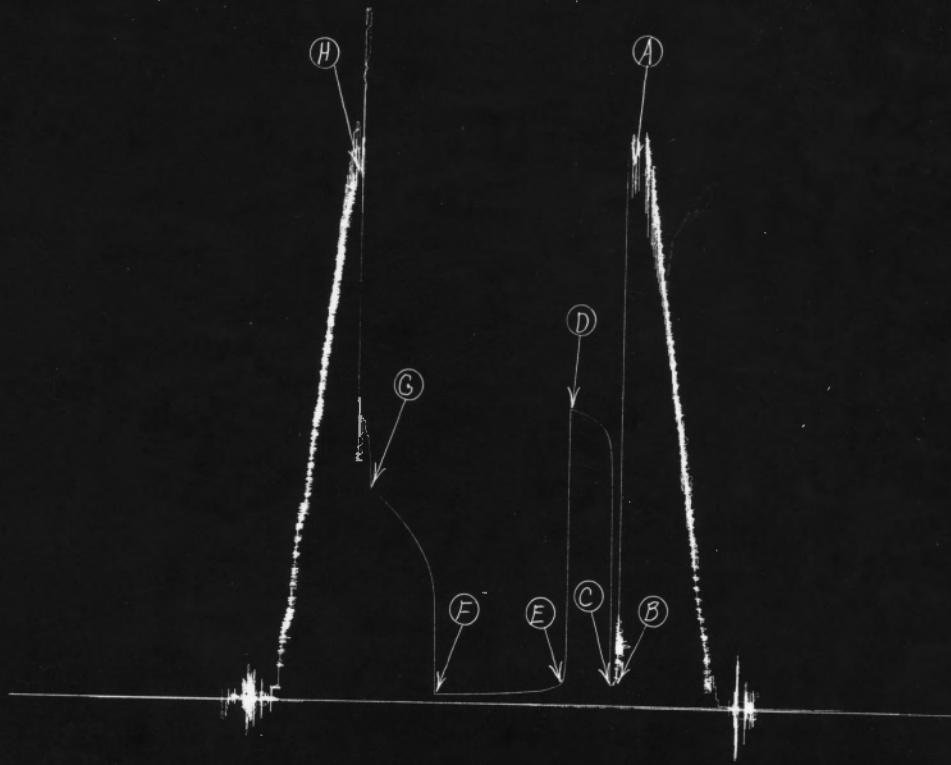
BLOW Strong Bottom Choke Size 3/4 In.  
Did Well Flow ----- Yes  No ----- Recovery Total Ft. Gas in pipe. (no fluid)

Reversed Out ----- Yes ----- No ----- Mud Type starch Viscosity 46 Weight 9.8 Water Loss --- cc. Maximum Temp. 128 °F  
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size no Make ----- Ser. No. -----  
Type Circ. Sub. plug 1 Did Tool Plug? no Where? ----- Did Packer Hold? yes  
Length Drill Pipe ----- ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe none ft. I.D. Weight Pipe ----- in. Length Drill Collars 270 ft.  
I. D. Drill Collars 2.2 in. Length D.S.T. Tool 43 ft.

Remarks -----

Gabbert & Jones Inc.  
Davis #1

T.KT# 7141  
Test# 2



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud	2523	2519	PSI
(B) First Initial Flow Pressure		118	PSI
(C) First Final Flow Pressure	93	99	PSI
(D) Initial Closed-in Pressure	1371	1375	PSI
(E) Second Initial Flow Pressure	104	133	PSI
(F) Second Final Flow Pressure	31	39	PSI
(G) Final Closed-in Pressure	987	987	PSI
(H) Final Hydrostatic Mud	2491	2486	PSI

COMPANY Gabbert - Jones Inc. LEASE AND WELL NO. Davis # 1 SEC. 10 TWP. 27s RGE. 19W TEST NO. 2 DATE 9-26-67  
*CN/2 NE*



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

Company **Gabbert - Jones, Inc.** Lease & Well No. **Davis # 1**  
Elevation **2253 Kelly Bushings** Formation **Mississippi** Effective Pay **-----** Ft. Ticket No. **7142**  
Date **9-27-67** Sec **10** Twp. **27s** Range **19w** County **Kiowa** State **Kansas**  
Test Approved by **R. K. Grant** Western Representative **Dean Blagrave**

Formation Test No. **3** O.K.  Misrun  Interval Tested From **4805'** to **4817'** Total Depth **4817'**  
Size Main Hole **7 7/8** Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Packer Depth **4800** Ft. Size **6 3/4** Packer Depth **4805** 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 **12** Ft. Size **5 1/2" O.D.**

RECORDERS Depth **4810** Ft. Clock No. **8475** Depth **4813** Ft. Clock No. **6774**  
Top Make **Amerada** Cap. **4150** No. **2606**  Inside  Outside Bottom Make **Amerada** Cap. **4300** No. **1567**  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 **4:42** **A.** M  
Tool Open I.F.P. From **4:45** M. to **5:15** a M. Hr. **30** Min. From (B) **41** P.S.I. To (C) **41** P.S.I.  
Tool Closed I.C.I.P. From **5:15** M. to **5:45** a M. Hr. **30** Min. (D) **52** P.S.I.  
Tool Open F.F.P. From **5:45** M. to **6:30** a M. Hr. **45** Min. From (E) **47** P.S.I. To (F) **56** P.S.I.  
Tool Closed F.C.I.P. From **6:30** M. to **7:00** a M. Hr. **30** Min. (G) **66** P.S.I.  
Initial Hydrostatic Pressure (A) **2521** P.S.I. Final Hydrostatic Pressure (H) **2496** P.S.I.

SURFACE Size Choke **1/4** In. Max. Press. P.S.I. Time Description of Flow  
INFORMATION  M.  M.  M.

BLOW **Weak for twenty four minutes.** Bottom Choke Size **3/4** In.  
Did Well Flow  Yes  No Recovery Total Ft. **Ten feet mud with few oil specks.**

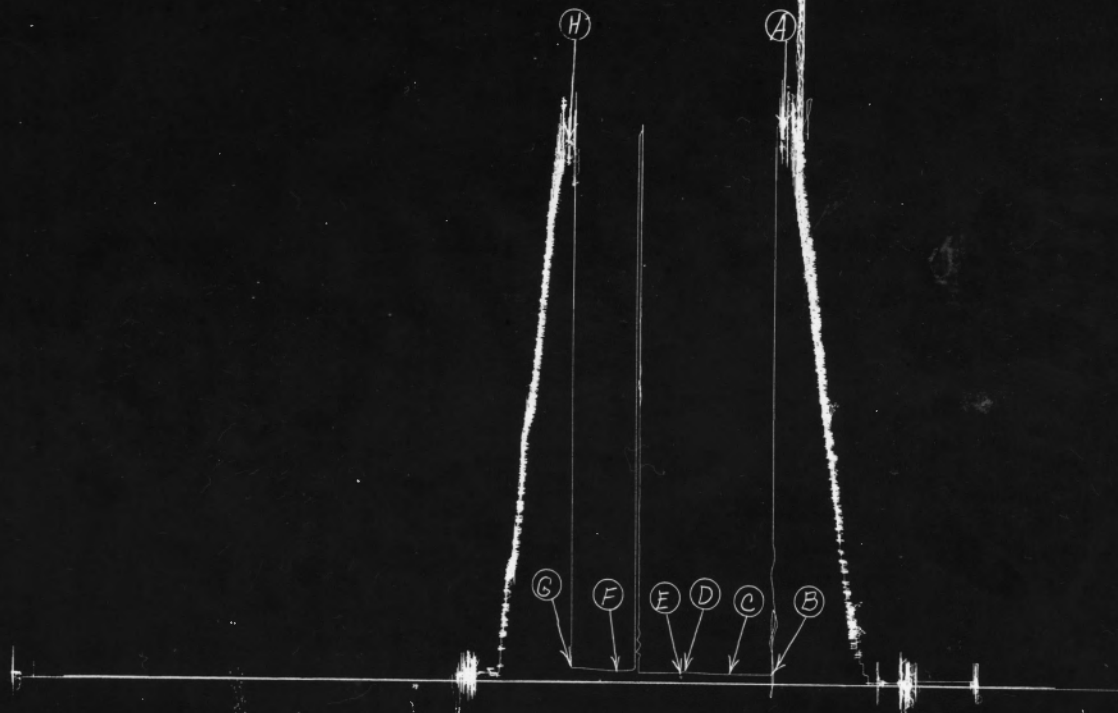
Reversed Out  Yes  No Mud Type **starch** Viscosity **46** Weight **9.8** Water Loss **-----** cc. Maximum Temp. **128** °F  
EXTRA EQUIPMENT: Dual Packers **yes** Safety Joint **no** Jars: Size **4 1/2" OD** Make **WTC** Ser. No. **403**  
Type Circ. Sub. **plug** Did Tool Plug? **no** Where?  Did Packer Hold? **yes**  
Length Drill Pipe  ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe **none** ft. I.D. Weight Pipe  in. Length Drill Collars **270** ft.  
I. D. Drill Collars **2.2** in. Length D.S.T. Tool **30** ft.

Remarks **Flushed tool at thirty minutes.**



Gabbert-Jones Inc.  
Davis #1

T.K.T. # 7142  
Test # 3



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2523	2521	PSI
(B) First Initial Flow Pressure .....	41	41	PSI
(C) First Final Flow Pressure .....	41	41	PSI
(D) Initial Closed-in Pressure .....	52	52	PSI
(E) Second Initial Flow Pressure .....	52	47	PSI
(F) Second Final Flow Pressure .....	52	56	PSI
(G) Final Closed-in Pressure .....	62	66	PSI
(H) Final Hydrostatic Mud .....	2502	2496	PSI

COMPANY Gabbert - Jones, Inc. LEASE AND WELL NO. Davis # 1 SEC. 10 TWP. C/N/2 NE 27S. RGE. 19W TEST NO. 3 DATE 9-27-67



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

Company Gabbert - Jones, Inc. Lease & Well No. Davis # 1  
Elevation 2253 Kelly Bushings Formation Mississippi Effective Pay ----- Ft. Ticker No. 7143  
Date 9-27-67 Sec. 10 Twp. 27s Range 19w County Kiowa State Kansas  
Test Approved by R. K. Grant Western Representative Dean Blagrove

Formation Test No. 4 O.K.  Misrun  Interval Tested From 4817' to 4823' Total Depth 4823'  
Size Main Hole 7 7/8 Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Packer Depth 4812 Ft. Size 6 3/4 Packer Depth 4817 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 6 Ft. Size 5 1/2" OD

RECORDERS Depth 4806 Ft. Clock No. 8475 Depth 4820 Ft. Clock No. 6774  
Top Make Amerada Cap. 4150 No. 2606 Inside Outside Bottom Make Amerada Cap. 4300 No. 1567 Inside Outside  
Below Straddle: Depth ----- Clock No. ----- Inside ----- Depth ----- Ft. Clock No. ----- Inside -----  
Top Make ----- Cap. ----- No. ----- Inside ----- Bottom Make ----- Cap. ----- No. ----- Inside -----

Time Set Packer 4:57 P. M  
Tool Open I.F.P. From 5:00 M. to 5:30 p M. Hr. 30 Min. From (B) 46 P.S.I. To (C) 47 P.S.I.  
Tool Closed I.C.I.P. From 5:30 M. to 6:00 p M. Hr. 30 Min. (D) 1134 P.S.I.  
Tool Open F.F.P. From 6:00 M. to 7:30 p M. 1 Hr. 30 Min. From (E) 60 P.S.I. To (F) 68 P.S.I.  
Tool Closed F.C.I.P. From 7:30 M. to 8:15 p M. Hr. 45 Min. (G) 846 P.S.I.  
Initial Hydrostatic Pressure (A) 2541 P.S.I. Final Hydrostatic Pressure (H) 2527 P.S.I.

SURFACE Size Choke 1/4 In. Max. Press. P.S.I. Time Description of Flow  
INFORMATION ----- ----- ----- ----- -----  
----- ----- ----- ----- -----  
----- ----- ----- ----- -----

BLOW Weak increasing to fair. Bottom Choke Size 3/4 In.  
Did Well Flow  Yes  No Recovery Total Ft. Fifty feet oil specked mud.

Reversed Out  Yes  No Mud Type starch Viscosity 44 Weight 9.8 Water Loss ----- cc. Maximum Temp. 132 °F  
EXTRA EQUIPMENT: Dual Packers yes Safety Joint no Jars: Size 4 1/2" OD Make WTC Ser. No. 403  
Type Circ. Sub. plug Did Tool Plug? no Where? ----- Did Packer Hold? yes  
Length Drill Pipe ----- ft. I.D. Drill Pipe 3.8 in. Length Weight Pipe none ft. I.D. Weight Pipe ----- in. Length Drill Collars 270 ft.  
I. D. Drill Collars 2.2 in. Length D.S.T. Tool 36 ft.

Remarks -----

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

Date 9-27-67 Test Ticket No. 7143  
 Recorder No. 2606 Capacity 4150 Location 4806 Ft.  
 Clock No. 8475 Elevation 2253 Kelly Bushings Well Temperature 132 °F

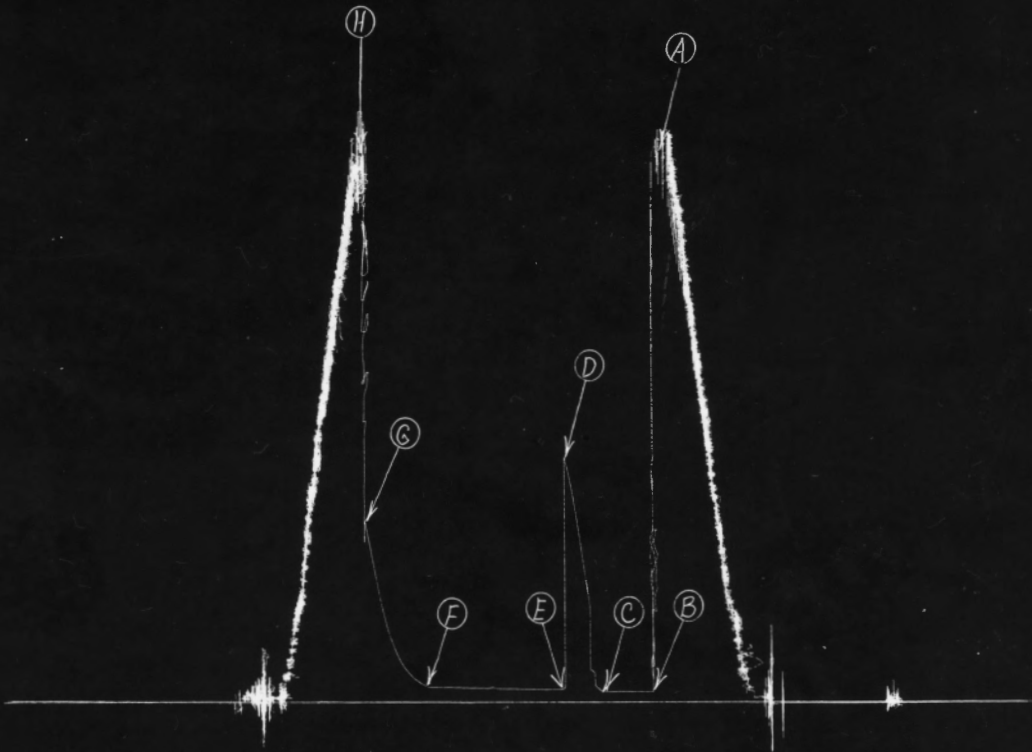
Point	Pressure			Time Given	Time Computed
				P.	M.
A Initial Hydrostatic Mud	<b>2541</b>	P.S.I.	Opened Tool	<b>4:57</b>	
B First Initial Flow Pressure	<b>46</b>	P.S.I.	First Flow Pressure	<b>30</b>	<b>29</b>
C First Final Flow Pressure	<b>47</b>	P.S.I.	Initial Closed-in Pressure	<b>80</b>	<b>29</b>
D Initial Closed-in Pressure	<b>1134</b>	P.S.I.	Second Flow Pressure	<b>90</b>	<b>89</b>
E Second Initial Flow Pressure	<b>60</b>	P.S.I.	Final Closed-in Pressure	<b>45</b>	<b>45</b>
F Second Final Flow Pressure	<b>68</b>	P.S.I.			
G Final Closed-in Pressure	<b>846</b>	P.S.I.			
H Final Hydrostatic Mud	<b>2827</b>	P.S.I.			

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <b>5</b> mins. and a		of <b>3</b> mins. and a		of <b>5</b> mins. and a		of <b>3</b> mins. and a	
	final inc. of <b>4</b> Min.		final inc. of <b>2</b> Min.		final inc. of <b>4</b> Min.		final inc. of <b>--</b> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <b>0</b>	<b>46</b>	<b>0</b>	<b>47</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>68</b>	
P 2 <b>5</b>	<b>46</b>	<b>3</b>	<b>72</b>	<b>5</b>	<b>60</b>	<b>3</b>	<b>72</b>	
P 3 <b>10</b>	<b>46</b>	<b>6</b>	<b>145</b>	<b>10</b>	<b>60</b>	<b>6</b>	<b>83</b>	
P 4 <b>15</b>	<b>47</b>	<b>9</b>	<b>510</b>	<b>15</b>	<b>60</b>	<b>9</b>	<b>97</b>	
P 5 <b>20</b>	<b>47</b>	<b>12</b>	<b>630</b>	<b>20</b>	<b>60</b>	<b>12</b>	<b>116</b>	
P 6 <b>25</b>	<b>47</b>	<b>15</b>	<b>775</b>	<b>25</b>	<b>60</b>	<b>15</b>	<b>139</b>	
P 7 <b>29</b>	<b>47</b>	<b>18</b>	<b>904</b>	<b>30</b>	<b>60</b>	<b>18</b>	<b>166</b>	
P 8		<b>21</b>	<b>1020</b>	<b>35</b>	<b>60</b>	<b>21</b>	<b>205</b>	
P 9		<b>24</b>	<b>1072</b>	<b>40</b>	<b>62</b>	<b>24</b>	<b>255</b>	
P10		<b>27</b>	<b>1131</b>	<b>45</b>	<b>64</b>	<b>27</b>	<b>312</b>	
P11		<b>29</b>	<b>1134</b>	<b>50</b>	<b>65</b>	<b>30</b>	<b>393</b>	
P12				<b>55</b>	<b>66</b>	<b>33</b>	<b>479</b>	
P13				<b>60</b>	<b>66</b>	<b>36</b>	<b>582</b>	
P14				<b>65</b>	<b>66</b>	<b>39</b>	<b>692</b>	
P15				<b>70</b>	<b>68</b>	<b>42</b>	<b>779</b>	
P16				<b>75</b>	<b>68</b>	<b>45</b>	<b>846</b>	
P17				<b>80</b>	<b>68</b>			
P18				<b>85</b>	<b>68</b>			
P19				<b>89</b>	<b>68</b>			
P20								

GABBERT-Jones Inc.  
Davis #1

T.K.T.# 7143  
Test# 4



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud .....	2544	2541 PSI
(B) First Initial Flow Pressure .....	41	46 PSI
(C) First Final Flow Pressure .....	41	47 PSI
(D) Initial Closed-in Pressure .....	1122	1134 PSI
(E) Second Initial Flow Pressure .....	52	60 PSI
(F) Second Final Flow Pressure .....	62	68 PSI
(G) Final Closed-in Pressure .....	841	846 PSI
(H) Final Hydrostatic Mud .....	2523	2527 PSI

C/T 10



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

Company **Gabbert - Jones, Inc.** Lease & Well No. **Davis # 1**  
Elevation **2253 Kelly Bushings** Formation **Mississippi** Effective Pay **-----** Ft. Ticket No. **7144**  
Date **9-28-67** Sec. **10** Twp. **27s** Range **19w** County **Kiowa** State **Kansas**  
Test Approved by **R. K. Grant** Western Representative **Dean Blagrave**

Formation Test No. **5** O.K.  Misrun  Interval Tested From **4821'** to **4833'** Total Depth **4833'**  
Size Main Hole **7 7/8** Rat Hole  Conv.  B.T.  Damaged  Yes  No Conv.  B.T.  Damaged  Yes  No  
Packer Depth **4816** Ft. Size **6 3/4** Packer Depth **4821** 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 **12** Ft. Size **5 1/2" OD**

RECORDERS Depth **4826** Ft. Clock No. **8475** Depth **4829** Ft. Clock No. **6774**  
Top Make **Amerada** Cap. **4150** No. **2606** Inside **Gumstick** Bottom Make **Amerada** Cap. **4300** No. **1567** Outside **Outside**  
Below Straddle: Depth  Clock No.  Inside  Outside  Depth  Ft. Clock No.  Inside  Outside   
Top Make  Cap.  No.  Outside  Bottom Make  Cap.  No.  Outside

Time Set Packer **10:22 A.** M  
Tool Open I.F.P. From **10:25** M. to **10:55 AM.** Hr. **30** Min. From (B) **58** P.S.I. To (C) **114** P.S.I.  
Tool Closed I.C.I.P. From **10:55** M. to **11:25** M. Hr. **30** Min. (D) **1450** P.S.I.  
Tool Open F.F.P. From **11:25** M. to **12:55 PM.** **1** Hr. **30** Min. From (E) **142** P.S.I. To (F) **187** P.S.I.  
Tool Closed F.C.I.P. From **12:55** M. to **1:40 p** M. Hr. **45** Min. (G) **1452** P.S.I.  
Initial Hydrostatic Pressure (A) **2548** P.S.I. Final Hydrostatic Pressure (H) **2527** P.S.I.

SURFACE Size Choke **1/4** 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. **375 feet very slightly oil cut muddy water ; 2 feet free oil**

Reversed Out  Yes  No Mud Type **starch** Viscosity **51** Weight **9.9** Water Loss **-----** cc. Maximum Temp. **133** °F  
EXTRA EQUIPMENT: Dual Packers **yes** Safety Joint **no** Jars: Size **4 1/2" OD** Make **WTC** Ser. No. **403**  
Type Circ. Sub. **plug** Did Tool Plug? **no** Where?  Did Packer Hold? **yes**  
Length Drill Pipe  ft. I.D. Drill Pipe **3.8** in. Length Weight Pipe **none** ft. I.D. Weight Pipe  in. Length Drill Collars **270** ft.  
I. D. Drill Collars **2.2** in. Length D.S.T. Tool **36** ft.

Remarks

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

Date 9-28-67 Test Ticket No. 7144  
 Recorder No. 2606 Capacity 4150 Location 4826 Ft.  
 Clock No. 8475 Elevation 2253 Kelly Bushings Well Temperature 133 °F

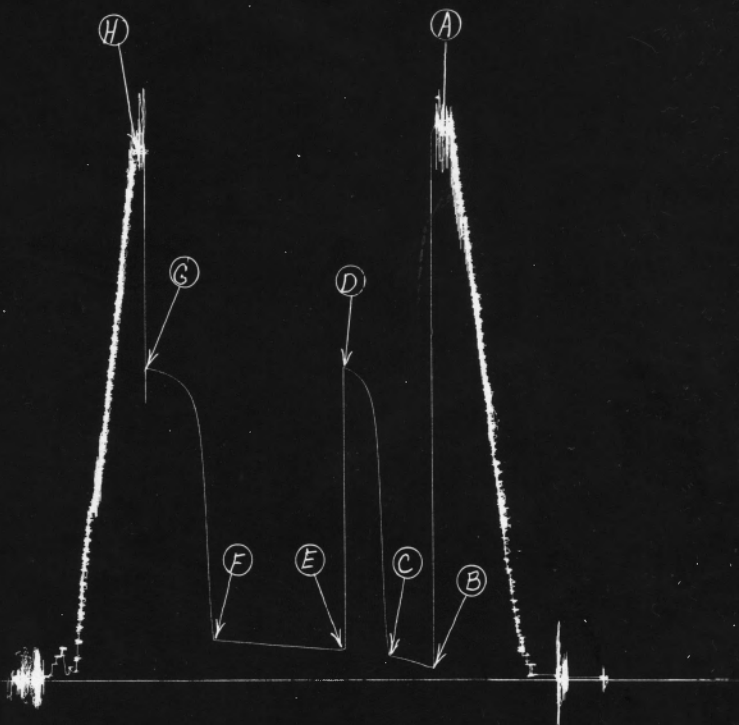
Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	<b>2548</b> P.S.I.	Opened Tool		<b>10:22 A.</b> M	
B First Initial Flow Pressure	<b>58</b> P.S.I.	First Flow Pressure		<b>30</b> Mins.	<b>29</b> Mins.
C First Final Flow Pressure	<b>114</b> P.S.I.	Initial Closed-in Pressure		<b>30</b> Mins.	<b>30</b> Mins.
D Initial Closed-in Pressure	<b>1450</b> P.S.I.	Second Flow Pressure		<b>90</b> Mins.	<b>87</b> Mins.
E Second Initial Flow Pressure	<b>142</b> P.S.I.	Final Closed-in Pressure		<b>45</b> Mins.	<b>45</b> Mins.
F Second Final Flow Pressure	<b>187</b> P.S.I.				
G Final Closed-in Pressure	<b>1452</b> P.S.I.				
H Final Hydrostatic Mud	<b>2527</b> P.S.I.				

**PRESSURE BREAKDOWN**

Point Mins.	First Flow Press.		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.	Breakdown:	Inc.
	of <b>5</b> mins. and a final inc. of <b>4</b> Min.		of <b>3</b> mins. and a final inc. of <b>--</b> Min.		of <b>5</b> mins. and a final inc. of <b>2</b> Min.		of <b>3</b> mins. and a final inc. of <b>--</b> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	
P 1 <b>0</b>	<b>58</b>	<b>0</b>	<b>114</b>	<b>0</b>	<b>142</b>	<b>0</b>	<b>187</b>	
P 2 <b>5</b>	<b>66</b>	<b>3</b>	<b>291</b>	<b>5</b>	<b>142</b>	<b>3</b>	<b>472</b>	
P 3 <b>10</b>	<b>81</b>	<b>6</b>	<b>653</b>	<b>10</b>	<b>143</b>	<b>6</b>	<b>831</b>	
P 4 <b>15</b>	<b>90</b>	<b>9</b>	<b>1018</b>	<b>15</b>	<b>145</b>	<b>9</b>	<b>1097</b>	
P 5 <b>20</b>	<b>101</b>	<b>12</b>	<b>1225</b>	<b>20</b>	<b>149</b>	<b>12</b>	<b>1233</b>	
P 6 <b>25</b>	<b>110</b>	<b>15</b>	<b>1327</b>	<b>25</b>	<b>151</b>	<b>15</b>	<b>1310</b>	
P 7 <b>29</b>	<b>114</b>	<b>18</b>	<b>1375</b>	<b>30</b>	<b>156</b>	<b>18</b>	<b>1350</b>	
P 8		<b>21</b>	<b>1405</b>	<b>35</b>	<b>158</b>	<b>21</b>	<b>1377</b>	
P 9		<b>24</b>	<b>1425</b>	<b>40</b>	<b>160</b>	<b>24</b>	<b>1396</b>	
P10		<b>27</b>	<b>1437</b>	<b>45</b>	<b>162</b>	<b>27</b>	<b>1412</b>	
P11		<b>30</b>	<b>1450</b>	<b>50</b>	<b>166</b>	<b>30</b>	<b>1423</b>	
P12				<b>55</b>	<b>170</b>	<b>33</b>	<b>1431</b>	
P13				<b>60</b>	<b>172</b>	<b>36</b>	<b>1439</b>	
P14				<b>65</b>	<b>176</b>	<b>39</b>	<b>1445</b>	
P15				<b>70</b>	<b>178</b>	<b>42</b>	<b>1450</b>	
P16				<b>75</b>	<b>181</b>	<b>45</b>	<b>1452</b>	
P17				<b>80</b>	<b>183</b>			
P18				<b>85</b>	<b>185</b>			
P19				<b>87</b>	<b>187</b>			
P20								

G & B Bert-Jones Inc.  
Davis #1

T.K.T. #7144  
Test #5



This is an actual photograph of recorder chart.

POINT	PRESSURE		PSI
	Field Reading	Office Reading	
(A) Initial Hydrostatic Mud .....	2544	2548	PSI
(B) First Initial Flow Pressure .....	52	58	PSI
(C) First Final Flow Pressure .....	114	114	PSI
(D) Initial Closed-in Pressure .....	1454	1450	PSI
(E) Second Initial Flow Pressure .....	145	142	PSI
(F) Second Final Flow Pressure .....	187	187	PSI
(G) Final Closed-in Pressure .....	1454	1452	PSI
(H) Final Hydrostatic Mud .....	2523	2527	PSI

COMPANY — UNITED STATES — LEASE AND WELL NO. — DAVIS # 1 — SEC. 10 — TWP. 27S — RGE. 19W — TEST NO. 5 — DATE 9-28-67

C/N/2 NE