



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

Company Gabbert & Jones Lease & Well No. Davis #1  
Elevation 2138 Kelly Bushings Formation A. Riley Ticker Number 6549  
Date Oct. 16, 1965 Sec. 33 Twp. 27 Range 16 County Kiowa State Kansas  
Test Approved by J. Mark Richardson Western Representative George Tew

Formation Test No. 1 O.K. ☒ Misrun Interval Tested From 2505' to 2569' Total Depth 2569'  
Size Main Hole 7 7/8 Rat Hole none Conv. B.T. ☒ Damaged Yes No Conv. ☒ B.T. Damaged Yes No  
Packer Depth 2505 Ft. Size 6 3/4 Packer Depth 2500 Ft. Size 6 3/4  
Straddle Yes ☒ No Conv. B.T. Damaged Yes No

Packer Depth 2505 Ft. Size 6 3/4  
Tool Size 5 1/2 OD Tool Jt. Size 4 1/2 FH Anchor Length 64 Ft. Size 34' 5 1/2 Anchor  
RECORDERS Depth 2531 Ft. Clock No. 5665 Depth 2534 Ft. Clock No. 100  
Top Make Kuster Cap. 4200 No. 1558 Inside Outside Bottom Make Western Cap. 4000 No. 4 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 4:02 P M  
Tool Open I.F.P. From 4:05 P M to 4:10 M Hr. 5 Min. From (B) 133 P.S.I. To (C) 135 P.S.I.  
Tool Closed I.C.I.P. From 4:10 M. to 4:40 M. Hr. 30 Min. (D) 876 P.S.I.  
Tool Open F.F.P. From 4:40 M. to 5:10 M. Hr. 30 Min. From (E) 162 P.S.I. To (F) 170 P.S.I.  
Tool Closed F.C.I.P. From 5:10 M. to 5:40 M. Hr. 30 Min. (G) 741 P.S.I.  
Initial Hydrostatic Pressure (A) 1330 P.S.I. Final Hydrostatic Pressure (H) 1317 P.S.I.

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

BLOW Weak for five minutes., then died. Bottom Choke Size 3/4 In.  
Did Well Flow Yes ☒ No Recovery Total Ft. 200' muddy water

Reversed Out Yes ☒ No Mud Type gel. Viscosity Weight Maximum Temp. 83 °F  
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Jars: Size Make Ser. No.  
Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes  
Length Drill Pipe 1785 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 728 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.  
I. D. Drill Collars in. Length D.S.T. Tool 56 ft.

Remarks Packer failed on first attempt to open tool; reset packer second time and they held.

# WESTERN TESTING CO., INC.

## Pressure Data

Date 10-16-65 Recorder No. 1558 Capacity 4200 Test Ticket No. 6549 Location 2531 Ft.  
 Clock No. 5665 Elevation 2138 Kelly Bushings Well Temperature 83 °F

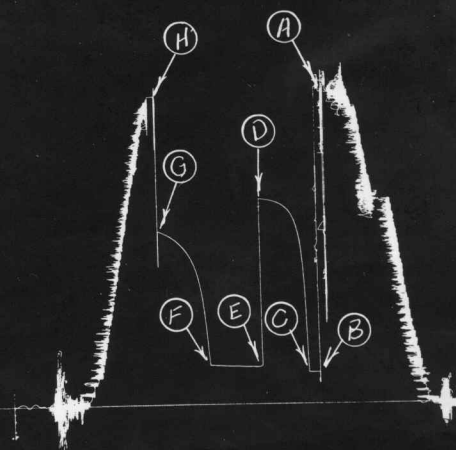
| Point                          | Pressure           |                            | Time Given        | Time Computed   |
|--------------------------------|--------------------|----------------------------|-------------------|-----------------|
| A Initial Hydrostatic Mud      | <u>1330</u> P.S.I. | Opened Tool                | <u>4:02</u> P. M. |                 |
| B First Initial Flow Pressure  | <u>133</u> P.S.I.  | First Flow Pressure        | <u>5</u> Mins.    | <u>5</u> Mins.  |
| C First Final Flow Pressure    | <u>135</u> P.S.I.  | Initial Closed-in Pressure | <u>30</u> Mins.   | <u>29</u> Mins. |
| D Initial Closed-in Pressure   | <u>876</u> P.S.I.  | Second Flow Pressure       | <u>30</u> Mins.   | <u>30</u> Mins. |
| E Second Initial Flow Pressure | <u>162</u> P.S.I.  | Final Closed-in Pressure   | <u>30</u> Mins.   | <u>30</u> Mins. |
| F Second Final Flow Pressure   | <u>170</u> P.S.I.  |                            |                   |                 |
| G Final Closed-in Pressure     | <u>741</u> P.S.I.  |                            |                   |                 |
| H Final Hydrostatic Mud        | <u>1317</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>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 <u>0</u> Min. |            | final inc. of <u>2</u> Min. |            | final inc. of <u>0</u> Min. |            | final inc. of <u>0</u> Min. |            |
| Point Mins.                 | Press.     | Point Minutes               | Press.     | Point Minutes               | Press.     | Point Minutes               | Press.     |
| P 1 <u>0</u>                | <u>133</u> | <u>0</u>                    | <u>135</u> | <u>0</u>                    | <u>162</u> | <u>0</u>                    | <u>170</u> |
| P 2 <u>5</u>                | <u>135</u> | <u>3</u>                    | <u>576</u> | <u>5</u>                    | <u>162</u> | <u>3</u>                    | <u>388</u> |
| P 3                         |            | <u>6</u>                    | <u>716</u> | <u>10</u>                   | <u>163</u> | <u>6</u>                    | <u>502</u> |
| P 4                         |            | <u>9</u>                    | <u>791</u> | <u>15</u>                   | <u>164</u> | <u>9</u>                    | <u>579</u> |
| P 5                         |            | <u>12</u>                   | <u>826</u> | <u>20</u>                   | <u>166</u> | <u>12</u>                   | <u>626</u> |
| P 6                         |            | <u>15</u>                   | <u>845</u> | <u>25</u>                   | <u>168</u> | <u>15</u>                   | <u>658</u> |
| P 7                         |            | <u>18</u>                   | <u>859</u> | <u>30</u>                   | <u>170</u> | <u>18</u>                   | <u>683</u> |
| P 8                         |            | <u>21</u>                   | <u>866</u> |                             |            | <u>21</u>                   | <u>703</u> |
| P 9                         |            | <u>24</u>                   | <u>870</u> |                             |            | <u>24</u>                   | <u>718</u> |
| P10                         |            | <u>27</u>                   | <u>874</u> |                             |            | <u>27</u>                   | <u>730</u> |
| P11                         |            | <u>29</u>                   | <u>876</u> |                             |            | <u>30</u>                   | <u>741</u> |
| P12                         |            |                             |            |                             |            |                             |            |
| P13                         |            |                             |            |                             |            |                             |            |
| P14                         |            |                             |            |                             |            |                             |            |
| P15                         |            |                             |            |                             |            |                             |            |
| P16                         |            |                             |            |                             |            |                             |            |
| P17                         |            |                             |            |                             |            |                             |            |
| P18                         |            |                             |            |                             |            |                             |            |
| P19                         |            |                             |            |                             |            |                             |            |
| P20                         |            |                             |            |                             |            |                             |            |

Gabbert & Jones  
Davis #1

Test #1  
TKT #6549



This is an actual photograph of recorder chart.

**POINT****PRESSURE**

|                                        |      |     |
|----------------------------------------|------|-----|
| (A) Initial Hydrostatic Mud .....      | 1330 | PSI |
| (B) First Initial Flow Pressure .....  | 133  | PSI |
| (C) First Final Flow Pressure .....    | 135  | PSI |
| (D) Initial Closed-in Pressure .....   | 876  | PSI |
| (E) Second Initial Flow Pressure ..... | 162  | PSI |
| (F) Second Final Flow Pressure .....   | 170  | PSI |
| (G) Final Closed-in Pressure .....     | 741  | PSI |
| (H) Final Hydrostatic Mud .....        | 1317 | PSI |



Home Office: Great Bend, Kansas  
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Company Gabbert & Jones Lease & Well No. Davis #1  
Elevation 2138 Kelly Bushing Formation Miss. Ticker Number 6550  
Date Oct. 23, 1965 Sec. 33 Twp. 27s Range 16w County Kiowa State Kansas  
Test Approved by J. Mark Richardson Western Representative George Tew

Formation Test No. 2 O.K. ☒ Misrun Interval Tested From 4628' to 4665' Total Depth 4665'  
Size Main Hole 7 7/8 Rat Hole none Conv. B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. Damaged Yes ☒ No  
Packer Depth 4628 Ft. Size 6 3/4 Packer Depth 4623 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 FH Anchor Length 37 Ft. Size 5 1/2 OD  
RECORDERS Depth 4657 Ft. Clock No. 5665 Depth 4660 Ft. Clock No. 4  
Top Make Kuster Cap. 4200 No. 1558 Inside Bottom Make Western Cap. 4000 No. 155 Inside  
Below Straddle: Depth Clock No. Inside Depth Ft. Clock No. Inside  
Top Make Cap. No. Inside Bottom Make Cap. No. Inside

Time Set Packer 11:57 P M

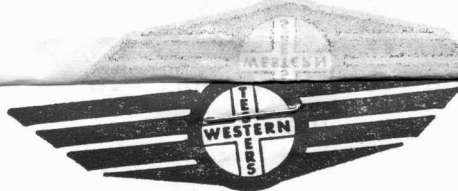
Tool Open I.F.P. From 12:00 M to 12:08 M Hr. 8 Min. From (B) 86 P.S.I. To (C) 86 P.S.I.  
Tool Closed I.C.I.P. From 12:08 M. to 12:38 M. Hr. 30 Min. (D) 1554 P.S.I.  
Tool Open F.F.P. From 12:38A M. to 1:38 M. 1 Hr. Min. From (E) 78 P.S.I. To (F) 78 P.S.I.  
Tool Closed F.C.I.P. From 1:38 M. to 2:08 M. Hr. 30 Min. (G) 1514 P.S.I.  
Initial Hydrostatic Pressure (A) 2567 P.S.I. Final Hydrostatic Pressure (H) 2553 P.S.I.

SURFACE Size Choke 1/2 In. Max. Press. P.S.I. Time Description of Flow  
INFORMATION SEE ATTACHED SHEET M.  
M.  
M.

BLOW STRONG. GAS TO SURFACE IN TWO MINUTES. Bottom Choke Size 3/4 In.  
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. 20' drilling mud

Reversed Out Yes ☒ No Mud Type starch Viscosity 44 Weight 10.2 Maximum Temp. 119 °F  
EXTRA EQUIPMENT: Dual Packers yes Safety Joint yes Jars: Size Make Ser. No.  
Type Circ. Sub. plug Did Tool Plug? no Where? Did Packer Hold? yes  
Length Drill Pipe 3888 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 720 ft. I.D. Weight Pipe 2.7 in Length Drill Collars ft.  
I. D. Drill Collars in Length D.S.T. Tool 57 ft.

Remarks



Date Octol

Recorder No. \_\_\_\_\_

Clock No. \_\_\_\_\_

P. O. Box 793  
GREAT BEND, KANSAS

t No. 6550

ation 4657 Ft.

ature 119 °F

### Point

- A Initial Hydrostatic M
- B First Initial Flow P
- C First Final Flow Pre
- D Initial Closed-in Pres
- E Second Initial Flow I
- F Second Final Flow Pre
- G Final Closed-in Pressu
- H Final Hydrostatic Mud

Company Gabbert & Jones Lease & Well No. Davis #1  
Test No. 2 Interval Tested From 4628' To 4665'

Time 5 6 Description of Flow  
Ins. of water  
Max Press. P.S.F.  
Mins. 8 Mins.  
Mins. 34 Mins.  
Mins. 60 Mins.  
Mins. 32 Mins.

### First Flow Press

Breakdown: 1  
of 5 mins. and  
final inc. of 3 M

### Point Mins.

### Press.

P 1 0 86  
P 2 5 86  
P 3 8 86  
P 4 \_\_\_\_\_  
P 5 \_\_\_\_\_  
P 6 \_\_\_\_\_  
P 7 \_\_\_\_\_  
P 8 \_\_\_\_\_  
P 9 \_\_\_\_\_  
P10 \_\_\_\_\_  
P11 \_\_\_\_\_  
P12 \_\_\_\_\_  
P13 \_\_\_\_\_  
P14 \_\_\_\_\_  
P15 \_\_\_\_\_  
P16 \_\_\_\_\_  
P17 \_\_\_\_\_  
P18 \_\_\_\_\_  
P19 \_\_\_\_\_  
P20 \_\_\_\_\_

### Shut-In

10 Inc.  
mins. and a  
2 Min.

### Press.

78  
477  
866  
1439  
1479  
1493  
1501  
1504  
1508  
1510  
1512  
1514

Size Choke Surface 1/2 In. Bottom 3/4 In.

Remarks Gas to surface in two minutes.

WHELAN PRINTERS, GREAT BEND, KS.,

78

# Pressure Data

Date October 23, 1965

Test Ticket No. 6550

Recorder No. 1558 Capacity 4200 Location 4657 Ft.

Clock No. 5665 Elevation 2138 Kelly Bushings Well Temperature 119 °F

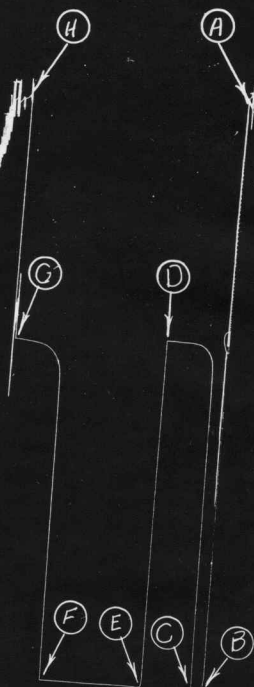
| Point                          | Pressure           |                            | Time Given       | Time Computed   |
|--------------------------------|--------------------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2567</u> P.S.I. | Opened Tool                | <u>12:00</u> P M | <u>12:00</u>    |
| B First Initial Flow Pressure  | <u>86</u> P.S.I.   | First Flow Pressure        | <u>8</u> Mins.   | <u>8</u> Mins.  |
| C First Final Flow Pressure    | <u>86</u> P.S.I.   | Initial Closed-in Pressure | <u>30</u> Mins.  | <u>34</u> Mins. |
| D Initial Closed-in Pressure   | <u>1554</u> P.S.I. | Second Flow Pressure       | <u>60</u> Mins.  | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>78</u> P.S.I.   | Final Closed-in Pressure   | <u>30</u> Mins.  | <u>32</u> Mins. |
| F Second Final Flow Pressure   | <u>78</u> P.S.I.   |                            |                  |                 |
| G Final Closed-in Pressure     | <u>1514</u> P.S.I. |                            |                  |                 |
| H Final Hydrostatic Mud        | <u>2553</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>11</u> Inc.   |             | Breakdown: <u>12</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>3</u> Min. |           | final inc. of <u>1</u> Min. |             | final inc. of <u>0</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>86</u> | <u>0</u>                    | <u>86</u>   | <u>0</u>                    | <u>78</u> | <u>0</u>                    | <u>78</u>   |
| P 2 <u>5</u>                | <u>86</u> | <u>3</u>                    | <u>554</u>  | <u>5</u>                    | <u>78</u> | <u>3</u>                    | <u>477</u>  |
| P 3 <u>8</u>                | <u>86</u> | <u>6</u>                    | <u>881</u>  | <u>10</u>                   | <u>78</u> | <u>6</u>                    | <u>866</u>  |
| P 4                         |           | <u>9</u>                    | <u>1497</u> | <u>15</u>                   | <u>78</u> | <u>9</u>                    | <u>1439</u> |
| P 5                         |           | <u>12</u>                   | <u>1531</u> | <u>20</u>                   | <u>78</u> | <u>12</u>                   | <u>1479</u> |
| P 6                         |           | <u>15</u>                   | <u>1542</u> | <u>25</u>                   | <u>78</u> | <u>15</u>                   | <u>1493</u> |
| P 7                         |           | <u>18</u>                   | <u>1549</u> | <u>30</u>                   | <u>78</u> | <u>18</u>                   | <u>1501</u> |
| P 8                         |           | <u>21</u>                   | <u>1552</u> | <u>35</u>                   | <u>78</u> | <u>21</u>                   | <u>1504</u> |
| P 9                         |           | <u>24</u>                   | <u>1554</u> | <u>40</u>                   | <u>78</u> | <u>24</u>                   | <u>1508</u> |
| P10                         |           | <u>27</u>                   | <u>1554</u> | <u>45</u>                   | <u>78</u> | <u>27</u>                   | <u>1510</u> |
| P11                         |           | <u>30</u>                   | <u>1554</u> | <u>50</u>                   | <u>78</u> | <u>30</u>                   | <u>1512</u> |
| P12                         |           | <u>33</u>                   | <u>1554</u> | <u>55</u>                   | <u>78</u> | <u>32</u>                   | <u>1514</u> |
| P13                         |           | <u>34</u>                   | <u>1554</u> | <u>60</u>                   | <u>78</u> |                             |             |
| P14                         |           |                             |             |                             |           |                             |             |
| P15                         |           |                             |             |                             |           |                             |             |
| P16                         |           |                             |             |                             |           |                             |             |
| P17                         |           |                             |             |                             |           |                             |             |
| P18                         |           |                             |             |                             |           |                             |             |
| P19                         |           |                             |             |                             |           |                             |             |
| P20                         |           |                             |             |                             |           |                             |             |

Gabbert & Jones  
Davis #1

Test #2.  
TKT #6550



This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE |
|----------------------------------------|----------|
| (A) Initial Hydrostatic Mud .....      | 2567 PSI |
| (B) First Initial Flow Pressure .....  | 86 PSI   |
| (C) First Final Flow Pressure .....    | 86 PSI   |
| (D) Initial Closed-in Pressure .....   | 1554 PSI |
| (E) Second Initial Flow Pressure ..... | 78 PSI   |
| (F) Second Final Flow Pressure .....   | 78 PSI   |
| (G) Final Closed-in Pressure .....     | 1514 PSI |
| (H) Final Hydrostatic Mud .....        | 2553 PSI |



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

Company Gabbert & Jones, Inc. Lease & Well No. Davis #1  
Elevation 2133 Ground Level Formation Miss. Ticket Number 5226  
Date Oct. 23, 1965 Sec. 33 Twp. 27s Range 16w County Kiowa State Kansas  
Test Approved by J. Mark Richardson Western Representative George Tew

Formation Test No. 3 O.K. ☒ Misrun Interval Tested From 4666' to 4700' Total Depth 4700'  
Size Main Hole 7 7/8 Hole none Conv. B.T. ☒ Damaged Yes ☒ No Conv. ☒ B.T. Damaged Yes ☒ No  
Packer Depth 4666 Ft. Size 6 3/4 Packer Depth 4661 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 34 Ft. Size 5 1/2 OD  
RECORDERS Depth 4657 Ft. Clock No. 5665 Depth 4660 Ft. Clock No. 112  
Top Make Kuster Cap. 4200 No. 1558 Inside Western Cap. 4000 No. 4 Inside Inside  
Below Straddle: Depth Clock No. Outside Depth Ft. Clock No. Outside  
Top Make Cap. No. Outside Bottom Make Cap. No. Outside

Time Set Packer 2:02 P M

Tool Open I.F.P. From 2:05 M to 2:10 M Hr. 5 Min. From (B) 46 P.S.I. To (C) 46 P.S.I.  
Tool Closed I.C.I.P. From 2:10 M. to 2:40 M. Hr. 30 Min. (D) 556 P.S.I.  
Tool Open F.F.P. From 2:40 P M. to 3:40 M. 1 Hr. Min. From (E) 59 P.S.I. To (F) 63 P.S.I.  
Tool Closed F.C.I.P. From 3:40 M. to 4:10 M. Hr. 30 Min. (G) 391 P.S.I.  
Initial Hydrostatic Pressure (A) 2631 P.S.I. Final Hydrostatic Pressure (H) 2576 P.S.I.

| SURFACE     | Size Choke <u>1/2</u> In. | Max. Press. P.S.I. | Time | Description of Flow |
|-------------|---------------------------|--------------------|------|---------------------|
| INFORMATION |                           |                    | M.   |                     |
|             |                           |                    | M.   |                     |
|             |                           |                    | M.   |                     |

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

Did Well Flow Yes ☒ No Recovery Total Ft. 60' slightly oil and gas out mud Mud

Reversed Out Yes ☒ No Mud Type starch Viscosity 40 Weight 10.2 Maximum Temp. 120 °F

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

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

Length Drill Pipe 3926 ft. I.D. Drill Pipe 3.8 Length Weight Pipe 720 ft. I.D. Weight Pipe 2.7 in. Length Drill Collars ft.

I. D. Drill Collars in. Length D.S.T. Tool 54 ft.

Remarks

# WESTERN TESTING CO., INC.

## Pressure Data

Date October 23, 1965

Test Ticket No. 5226

Recorder No. 1558

Capacity 4200

Location 4657 Ft.

Clock No. 5665

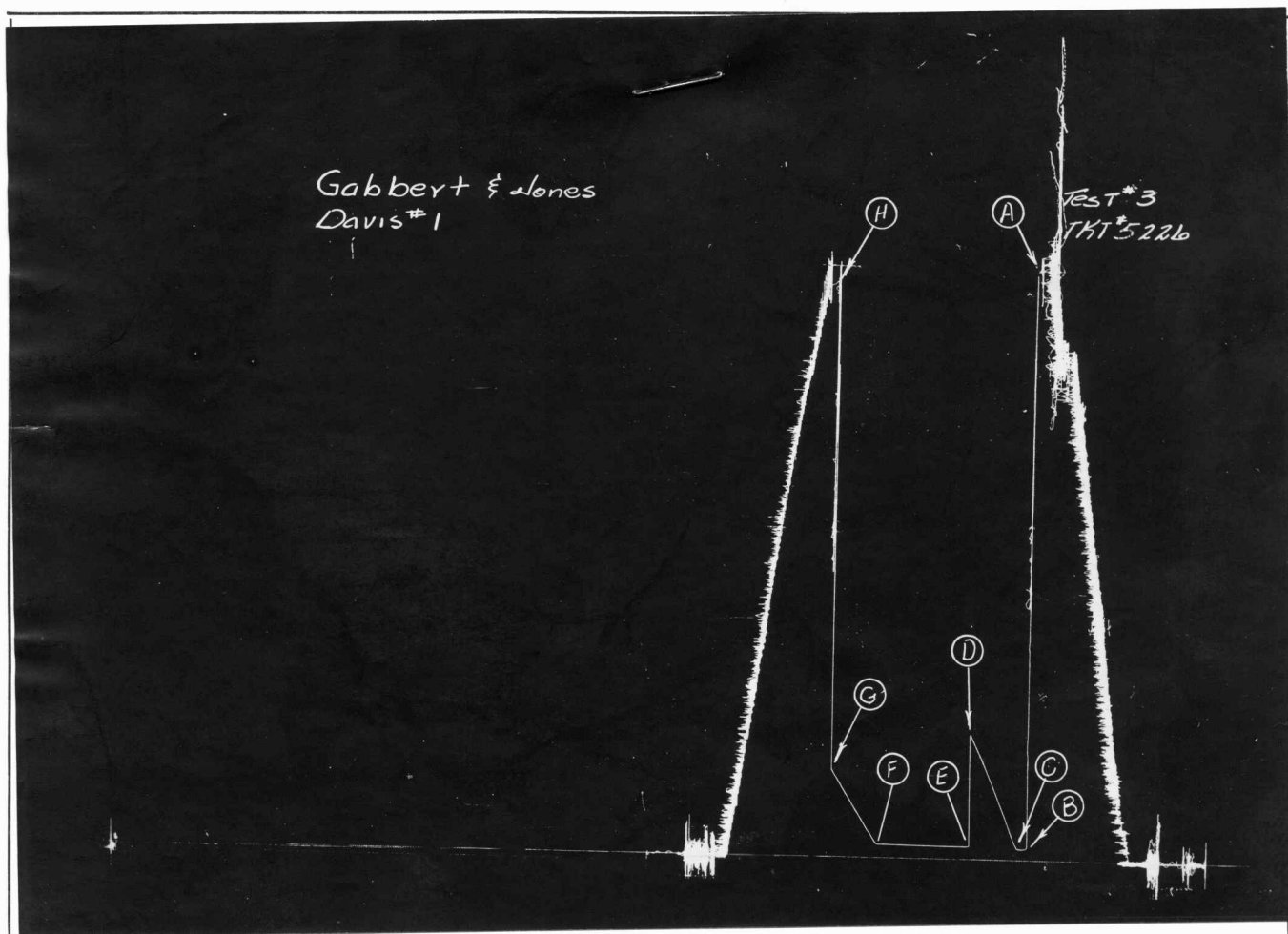
Elevation 2133 Ground Level

Well Temperature 120 °F

| Point                          | Pressure           |                            | Time Given      | Time Computed   |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2631</u> P.S.I. | Opened Tool                | <u>2:05</u> P M | <u>2:05</u>     |
| B First Initial Flow Pressure  | <u>46</u> P.S.I.   | First Flow Pressure        | <u>5</u> Mins.  | <u>5</u> Mins.  |
| C First Final Flow Pressure    | <u>46</u> P.S.I.   | Initial Closed-in Pressure | <u>30</u> Mins. | <u>31</u> Mins. |
| D Initial Closed-in Pressure   | <u>556</u> P.S.I.  | Second Flow Pressure       | <u>60</u> Mins. | <u>58</u> Mins. |
| E Second Initial Flow Pressure | <u>59</u> P.S.I.   | Final Closed-in Pressure   | <u>30</u> Mins. | <u>30</u> Mins. |
| F Second Final Flow Pressure   | <u>63</u> P.S.I.   |                            |                 |                 |
| G Final Closed-in Pressure     | <u>391</u> P.S.I.  |                            |                 |                 |
| H Final Hydrostatic Mud        | <u>2576</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>10</u> Inc.   |            | Breakdown: <u>11</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>0</u> Min. |           | final inc. of <u>1</u> Min. |            | final inc. of <u>3</u> Min. |           | final inc. of <u>0</u> Min. |            |
| Point Mins.                 | Press.    | Point Minutes               | Press.     | Point Minutes               | Press.    | Point Minutes               | Press.     |
| P 1 <u>0</u>                | <u>46</u> | <u>0</u>                    | <u>46</u>  | <u>0</u>                    | <u>59</u> | <u>0</u>                    | <u>63</u>  |
| P 2 <u>5</u>                | <u>46</u> | <u>3</u>                    | <u>86</u>  | <u>5</u>                    | <u>59</u> | <u>3</u>                    | <u>88</u>  |
| P 3                         |           | <u>6</u>                    | <u>145</u> | <u>10</u>                   | <u>59</u> | <u>6</u>                    | <u>121</u> |
| P 4                         |           | <u>9</u>                    | <u>204</u> | <u>15</u>                   | <u>59</u> | <u>9</u>                    | <u>158</u> |
| P 5                         |           | <u>12</u>                   | <u>259</u> | <u>20</u>                   | <u>60</u> | <u>12</u>                   | <u>189</u> |
| P 6                         |           | <u>15</u>                   | <u>303</u> | <u>25</u>                   | <u>60</u> | <u>15</u>                   | <u>223</u> |
| P 7                         |           | <u>18</u>                   | <u>354</u> | <u>30</u>                   | <u>60</u> | <u>18</u>                   | <u>263</u> |
| P 8                         |           | <u>21</u>                   | <u>407</u> | <u>35</u>                   | <u>62</u> | <u>21</u>                   | <u>293</u> |
| P 9                         |           | <u>24</u>                   | <u>457</u> | <u>40</u>                   | <u>62</u> | <u>24</u>                   | <u>327</u> |
| P10                         |           | <u>27</u>                   | <u>497</u> | <u>45</u>                   | <u>62</u> | <u>27</u>                   | <u>361</u> |
| P11                         |           | <u>30</u>                   | <u>545</u> | <u>50</u>                   | <u>62</u> | <u>30</u>                   | <u>391</u> |
| P12                         |           | <u>31</u>                   | <u>556</u> | <u>55</u>                   | <u>63</u> |                             |            |
| P13                         |           |                             |            | <u>58</u>                   | <u>63</u> |                             |            |
| P14                         |           |                             |            |                             |           |                             |            |
| P15                         |           |                             |            |                             |           |                             |            |
| P16                         |           |                             |            |                             |           |                             |            |
| P17                         |           |                             |            |                             |           |                             |            |
| P18                         |           |                             |            |                             |           |                             |            |
| P19                         |           |                             |            |                             |           |                             |            |
| P20                         |           |                             |            |                             |           |                             |            |



This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE |
|----------------------------------------|----------|
| (A) Initial Hydrostatic Mud .....      | 2631 PSI |
| (B) First Initial Flow Pressure .....  | 46 PSI   |
| (C) First Final Flow Pressure .....    | 46 PSI   |
| (D) Initial Closed-in Pressure .....   | 556 PSI  |
| (E) Second Initial Flow Pressure ..... | 59 PSI   |
| (F) Second Final Flow Pressure .....   | 63 PSI   |
| (G) Final Closed-in Pressure .....     | 391 PSI  |
| (H) Final Hydrostatic Mud .....        | 2576 PSI |



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

Company Gabbert & Jones, Inc. Lease & Well No. Davis #1  
Elevation 2138 Kelly Bushings Formation Kinderhook Ticket Number 5221  
Date Oct. 24, 1965 Sec. 33 Twp. 27 Range 16 County Kiowa State Kansas  
Test Approved by J. Mark Richardson Western Representative Leon Elmore

Formation Test No. 4 O.K. ☒ Misrun ☐ Interval Tested From 4703' to 4735' Total Depth 4735'  
Size Main Hole 7 7/8 Bat Hole ☐ Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No  
Packer Depth 4698 Size 6 3/4 Packer Depth 4703' 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 32 Ft. Size 5 1/2 OD  
RECORDERS Depth 4727 Ft. Clock No. 6861 Depth 4730 Ft. Clock No. 139  
Top Make Kuster Cap. 4200 No. 1559 Inside Outside Bottom Make Western Cap. 4000 No. 60 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 11:47 A M  
Tool Open I.F.P. From 11:50 M to 11:55 M. Hr. 5 Min. From (B) 527 P.S.I. To (C) 566 P.S.I.  
Tool Closed I.C.I.P. From 11:55 M. to 12:25 M. Hr. 30 Min. (D) 1582 P.S.I.  
Tool Open F.F.P. From 12:25 M. to 1:25 M. 1 Hr.                      Min. From (E) 649 P.S.I. To (F) 1378 P.S.I.  
Tool Closed F.C.I.P. From 1:25 M. to 1:55 M. Hr. 30 Min. (G) 1519 P.S.I.  
Initial Hydrostatic Pressure (A) 2612 P.S.I. Final Hydrostatic Pressure (H) 2602 P.S.I.

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

BLOW STRONG SURGING Bottom Choke Size 3/4 In.  
Did Well Flow ☒ Yes ☐ No Recovery Total Ft. Total 4480'; 3360' clean oil; 60' gassy mud;  
960' clear water Mud

Reversed Out ☒ Yes ☐ No Mud Type starch Viscosity 40 Weight 10.2 Maximum Temp. 135 °F  
EXTRA EQUIPMENT: Dual Packers yes Safety Joints yes Jars: Size                      Make                      Ser. No.                       
Type Circ. Sub. plug Did Tool Plug? no Where?                      Did Packer Hold? yes  
Length Drill Pipe 3651 ft. I.D. Drill Pipe 3.8 in Length Weight Pipe 822 ft. I.D. Weight Pipe 2.7 in Length Drill Collars                      ft.  
I. D. Drill Collars                      in Length D.S.T. Tool 54 ft.

Remarks Gas to surface in three minutes. 175,000 started surging.

Test Ticket No. 5221

Clock No. 6861 Elevation 2138 Kelly Bushings Well Temperature 135 °F

| Point                          | Pressure    |                            | Time Given | Time Computed  |
|--------------------------------|-------------|----------------------------|------------|----------------|
| A Initial Hydrostatic Mud      | 2612 P.S.I. | Opened Tool                | 11:47      | M              |
| B First Initial Flow Pressure  | 527 P.S.I.  | First Flow Pressure        | 5          | Mins. 4 Mins.  |
| C First Final Flow Pressure    | 566 P.S.I.  | Initial Closed-in Pressure | 30         | Mins. 30 Mins. |
| D Initial Closed-in Pressure   | 1582 P.S.I. | Second Flow Pressure       | 60         | Mins. 60 Mins. |
| E Second Initial Flow Pressure | 649 P.S.I.  | Final Closed-in Pressure   | 30         | Mins. 29 Mins. |
| F Second Final Flow Pressure   | 1378 P.S.I. |                            |            |                |
| G Final Closed-in Pressure     | 1519 P.S.I. |                            |            |                |
| H Final Hydrostatic Mud        | 2602 P.S.I. |                            |            |                |

[illegible]

Gabbert & Jones  
Davis #1

Test # 4  
T.K.T. # 5221



This is an actual photograph of recorder chart.

| POINT                                  | PRESSURE |
|----------------------------------------|----------|
| (A) Initial Hydrostatic Mud .....      | 2612 PSI |
| (B) First Initial Flow Pressure .....  | 527 PSI  |
| (C) First Final Flow Pressure .....    | 566 PSI  |
| (D) Initial Closed-in Pressure .....   | 1582 PSI |
| (E) Second Initial Flow Pressure ..... | 649 PSI  |
| (F) Second Final Flow Pressure .....   | 1378 PSI |
| (G) Final Closed-in Pressure .....     | 1519 PSI |
| (H) Final Hydrostatic Mud .....        | 2602 PSI |