



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 4435

P. O. BOX 1599 WICHITA, KANSAS 67201

Elevation 13.53 R.B. Formation KANSAS CITY Eff. Pay Ft.

District PRATT Date 11-18-79 Customer Order No.

COMPANY NAME Dunne - Gardner Petroleum

ADDRESS 250 W. Douglas Wichita KS

LEASE AND WELL NO Fulmer #1 COUNTY Sumner STATE KS Sec 29 Twp 30 Rge 3W

Mail Invoice To Fullmentel Same Co. Name Address No. Copies Requested Req.

Mail Charts To Same Address No. Copies Requested Req.

Formation Test No 1 Interval Tested from 3270 ft. to 3291 ft. Total Depth 3291 ft. Packer Depth 3265 ft. Size 6 3/4 in. Packer Depth 3270 ft. Size 6 1/4 in. Packer Depth ft. Size in. Depth of Selective Zone Set

Top Recorder Depth (Inside) 3283 ft. Recorder Number 2604 Cap 4150 Bottom Recorder Depth (Outside) 3286 ft. Recorder Number 6246 Cap 5200 Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor Dunne - Gardner #1 Drill Collar Length I. D. in. Mud Type MOPAC Viscosity 63 Weight 9.2 Water Loss 74 cc. Chlorides 14,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 I.O.D. in. Jars: Make Serial Number Anchor Length 21 ft. Size 5 I.O.D. in. Did Well Flow? NO Reversed Out Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7/8 in. Tool Joint Size 4 1/2 FN in.

Blow: WEAK - dying 23 min. Initial Flow Period

Recovered 60 ft. of Slightly Gas & oil cut D.O.L.G. mud Recovered ft. of Recovered ft. of Recovered ft. of Recovered ft. of

Remarks: Slip Tool 10' TO BOTTOM AFTER TOOL OPENED Flushed Tool Twice - Final Flow Period

Table with 4 columns: Time Set Packer(s), Time Started Off Bottom, Maximum Temperature, and various pressure/flow period measurements (A-H).

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made...

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bruce Bidleman Signature of Customer or his authorized representative

Western Representative Dave Sloan Thank you

FIELD INVOICE

Table listing items and costs: Open Hole Test \$500, Safety Joint \$35, TOTAL \$535.

WESTERN TESTING CO., INC.

Pressure Data

Date 11-18-79 Test Ticket No. 4435  
 Recorder No. 2604 Capacity 4150 Location 3283 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1353 Rotary B. Well Temperature 114 °F  
 Point \_\_\_\_\_ Pressure \_\_\_\_\_ Time Given \_\_\_\_\_ Time Computed \_\_\_\_\_  
 A Initial Hydrostatic Mud 1521 P.S.I. Open Tool 9:50 P  
 B First Initial Flow Pressure 11 P.S.I. First Flow Pressure 30 Mins. 30 Mins.  
 C First Final Flow Pressure 28 P.S.I. Initial Closed-in Pressure 60 Mins. 57 Mins.  
 D Initial Closed-in Pressure 119 P.S.I. Second Flow Pressure 30 Mins. 30 Mins.  
 E Second Initial Flow Pressure 71 P.S.I. Final Closed-in Pressure 60 Mins. 60 Mins.  
 F Second Final Flow Pressure 55 P.S.I.  
 G Final Closed-in Pressure 130 P.S.I.  
 H Final Hydrostatic Mud 1513 P.S.I.

PRESSURE BREAKDOWN

| Point Mins. | First Flow Pressure         |               | Initial Shut-In             |               | Second Flow Pressure        |               | Final Shut-In               |      |
|-------------|-----------------------------|---------------|-----------------------------|---------------|-----------------------------|---------------|-----------------------------|------|
|             | Breakdown:                  | Inc.          | Breakdown:                  | Inc.          | Breakdown:                  | Inc.          | Breakdown:                  | 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>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>11</u>                   | 0             | <u>28</u>                   | 0             | <u>71</u>                   | 0             | <u>55</u>                   |      |
| P 2         | <u>19</u>                   | 3             | <u>31</u>                   | 3             | <u>blushed tool</u>         | 3             | <u>55</u>                   |      |
| P 3         | <u>23</u>                   | 6             | <u>34</u>                   | 6             | <u>11 11</u>                | 6             | <u>55</u>                   |      |
| P 4         | <u>26</u>                   | 9             | <u>37</u>                   | 9             | <u>64</u>                   | 9             | <u>54</u>                   |      |
| P 5         | <u>26</u>                   | 12            | <u>40</u>                   | 12            | <u>59</u>                   | 12            | <u>59</u>                   |      |
| P 6         | <u>27</u>                   | 15            | <u>43</u>                   | 15            | <u>58</u>                   | 15            | <u>62</u>                   |      |
| P 7         | <u>28</u>                   | 18            | <u>48</u>                   | 18            | <u>55</u>                   | 18            | <u>64</u>                   |      |
| P 8         |                             | 21            | <u>52</u>                   | 21            |                             | 21            | <u>68</u>                   |      |
| P 9         |                             | 24            | <u>55</u>                   | 24            |                             | 24            | <u>70</u>                   |      |
| P 10        |                             | 27            | <u>60</u>                   | 27            |                             | 27            | <u>75</u>                   |      |
| P 11        |                             | 30            | <u>66</u>                   | 30            |                             | 30            | <u>79</u>                   |      |
| P 12        |                             | 33            | <u>71</u>                   | 33            |                             | 33            | <u>81</u>                   |      |
| P 13        |                             | 36            | <u>77</u>                   | 36            |                             | 36            | <u>85</u>                   |      |
| P 14        |                             | 39            | <u>82</u>                   | 39            |                             | 39            | <u>90</u>                   |      |
| P 15        |                             | 42            | <u>87</u>                   | 42            |                             | 42            | <u>96</u>                   |      |
| P 16        |                             | 45            | <u>94</u>                   | 45            |                             | 45            | <u>102</u>                  |      |
| P 17        |                             | 48            | <u>100</u>                  | 48            |                             | 48            | <u>105</u>                  |      |
| P 18        |                             | 51            | <u>109</u>                  | 51            |                             | 51            | <u>111</u>                  |      |
| P 19        |                             | 54            | <u>113</u>                  | 54            |                             | 54            | <u>118</u>                  |      |
| P 20        |                             | 57            | <u>119</u>                  | 57            |                             | 57            | <u>124</u>                  |      |
|             |                             | <u>60</u>     |                             | 60            |                             | 60            | <u>130</u>                  |      |

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Fullmer #1  
 Elevation 1353 Rotary Bushing Formation Kansas City Effective Pay --- Ft. Ticket No. 4435  
 Date 11/18/79 Sec. 29 Twp. 30S Range 3W County Sumner State Kansas  
 Test Approved by W. Bryce Bidlaman Western Representative Dave Sloan

Formation Test No. 1 Interval Tested from 3270 ft. to 3291 ft. Total Depth 3291 ft.  
 Packer Depth 3265 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3270 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3283 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 3286 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne-Gardner Rig #1 Drill Collar Length - I. D. - in.  
 Mud Type Monpac Viscosity 63 Weight Pipe Length - I. D. - in.  
 Weight 9.2 Water Loss 74 cc. Drill Pipe Length 3248 I. D. 3.8 in.  
 Chlorides 14,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.  
 Jars: Make -- Serial Number -- Anchor Length 21 ft. Size 5 1/2 OD in.  
 Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak, dying twenty-three minutes on Initial Flow Period.

Recovered 60 ft. of slightly gas and oil cut drilling mud  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -  
 Recovered - ft. of -

Remarks: Slid tool ten feet to bottom after tool opened. Flushed tool twice final flow period.

Time Set Packer(s) 9:50 ~~A.M.~~ P.M. Time Started Off Bottom 12:50 ~~A.M.~~ P.M. Maximum Temperature 114<sup>0</sup>  
 Initial Hydrostatic Pressure ..... (A) 1521 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 11 P.S.I. to (C) 28 P.S.I.  
 Initial Closed In Period ..... Minutes 57 (D) 119 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 71 P.S.I. to (F) 55 P.S.I.  
 Final Closed In Period ..... Minutes 60 (G) 130 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 1513 P.S.I.

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 11/18/79 Test Ticket No. 4435  
 Recorder No. 2604 Capacity 4150 Location 3283 Ft.  
 Clock No. --- Elevation 1353 Rotary Bushing Well Temperature 114 °F

| Point                          | Pressure |        | Time Given | Time Computed  |
|--------------------------------|----------|--------|------------|----------------|
| A Initial Hydrostatic Mud      | 1521     | P.S.I. | 9:50P      | M              |
| B First Initial Flow Pressure  | 11       | P.S.I. | 30         | Mins. 30 Mins. |
| C First Final Flow Pressure    | 28       | P.S.I. | 60         | Mins. 57 Mins. |
| D Initial Closed-in Pressure   | 119      | P.S.I. | 30         | Mins. 30 Mins. |
| E Second Initial Flow Pressure | 71       | P.S.I. | 60         | Mins. 60 Mins. |
| F Second Final Flow Pressure   | 55       | P.S.I. |            |                |
| G Final Closed-in Pressure     | 130      | P.S.I. |            |                |
| H Final Hydrostatic Mud        | 1513     | P.S.I. |            |                |

**PRESSURE BREAKDOWN**

**First Flow Pressure**  
 Breakdown: 6 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

**Initial Shut-In**  
 Breakdown: 19 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

**Second Flow Pressure**  
 Breakdown: 6 Inc.  
 of 5 mins. and a  
 final inc. of 0 Min.

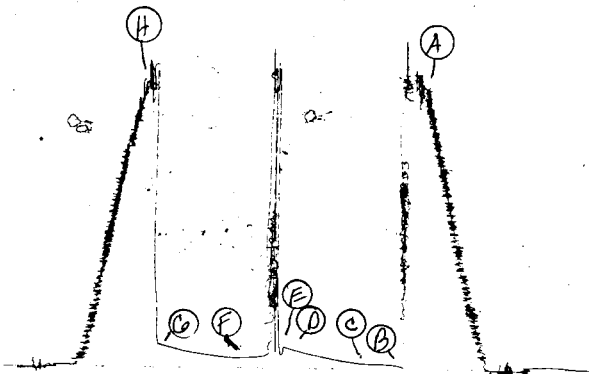
**Final Shut-In**  
 Breakdown: 20 Inc.  
 of 3 mins. and a  
 final inc. of 0 Min.

| Point Mins. | Press. | Point Minutes | Press. | Point Minutes | Press.       | Point Minutes | Press. |
|-------------|--------|---------------|--------|---------------|--------------|---------------|--------|
| P 1 0       | 11     | 0             | 28     | 0             | 71           | 0             | 55     |
| P 2 5       | 19     | 3             | 31     | 5             | flushed tool | 3             | 55     |
| P 3 10      | 23     | 6             | 34     | 10            | flushed tool | 6             | 55     |
| P 4 15      | 26     | 9             | 37     | 15            | 64           | 9             | 54     |
| P 5 20      | 26     | 12            | 40     | 20            | 59           | 12            | 59     |
| P 6 25      | 27     | 15            | 43     | 25            | 58           | 15            | 62     |
| P 7 30      | 28     | 18            | 48     | 30            | 55           | 18            | 64     |
| P 8         |        | 21            | 52     |               |              | 21            | 68     |
| P 9         |        | 24            | 55     |               |              | 24            | 70     |
| P10         |        | 27            | 60     |               |              | 27            | 75     |
| P11         |        | 30            | 66     |               |              | 30            | 79     |
| P12         |        | 33            | 71     |               |              | 33            | 81     |
| P13         |        | 36            | 77     |               |              | 36            | 85     |
| P14         |        | 39            | 82     |               |              | 39            | 90     |
| P15         |        | 42            | 87     |               |              | 42            | 96     |
| P16         |        | 45            | 94     |               |              | 45            | 102    |
| P17         |        | 48            | 100    |               |              | 48            | 105    |
| P18         |        | 51            | 109    |               |              | 51            | 111    |
| P19         |        | 54            | 113    |               |              | 54            | 118    |
| P20         |        | 57            | 119    |               |              | 57            | 124    |
|             |        |               |        |               |              | 60            | 130    |

2607

DONNE - GARDNER  
Fulmer #1 DST 1

TRK # 4435  
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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO. 4436

*listed*

P. O. BOX 1599 WICHITA, KANSAS 67201  
PHONE (316) 838-0601

Elevation 1353 R.B. Formation Base - KAN. CITY Eff. Pay \_\_\_\_\_ Ft.

District PRATT Date 11-18-79 Customer Order No. \_\_\_\_\_  
COMPANY NAME DUNN - GARDNER PET. INC  
ADDRESS 250 W. DOUGLAS WICHITA, KS.  
LEASE AND WELL NO. FULLMER #1 COUNTY SUMNER STATE KS. Sec. 29 Twp. 30S Rge. 3W  
Mail Invoice To FULLMER #1 Co. Name SAME Address \_\_\_\_\_ No. Copies Requested Reg.  
Mail Charts To SAME Address \_\_\_\_\_ No. Copies Requested Reg.

Formation Test No. 2 Interval Tested from 3358 ft. to 3455 ft. Total Depth 3455 ft.  
Packer Depth 3353 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 3358 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 3382 ft. Recorder Number 2604 Cap. 4150  
Bottom Recorder Depth (Outside) 3385 ft. Recorder Number 6244 Cap. 5200  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor DUNN - GARDNER #1 Drill Collar Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.  
Mud Type MON PAC Viscosity 43 Weight Pipe Length 620 I. D. 3.2 in.  
Weight 9.1 Water Loss 18.8 cc. Drill Pipe Length 2716 I. D. 3.8 in.  
Chlorides 12,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 O.D. in.  
Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 62 1/2 ft. Size 5 1/2 O.D. in.  
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Weak Blow dying 20 min. Initial opening flow period  
Very weak Blow dying 10 min. Final flow

Recovered 150 ft. of Gas in pipe  
Recovered 90 ft. of Slightly gas & oil cut blk. mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

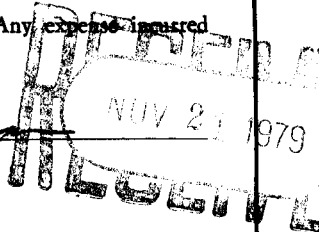
Time Set Packer(s) 4:45 AM. P.M. Time Started Off Bottom 7:45 AM. P.M. Maximum Temperature 114  
Initial Hydrostatic Pressure \_\_\_\_\_ (A) 1642 P.S.I.  
Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 31 P.S.I. to (C) 31 P.S.I.  
Initial Closed In Period \_\_\_\_\_ Minutes 60 (D) 1194 P.S.I.  
Final Flow Period \_\_\_\_\_ Minutes 30 (E) 53 P.S.I. to (F) 53 P.S.I.  
Final Closed In Period \_\_\_\_\_ Minutes 30 (G) 1077 P.S.I.  
Final Hydrostatic Pressure \_\_\_\_\_ (H) 1642 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bruce Bidleman  
Signature of Customer or his authorized representative  
Western Representative Dave Sloan  
Thank you



FIELD INVOICE

Open Hole Test \$ 500.00  
Misrun \$ \_\_\_\_\_  
Straddle Test \$ \_\_\_\_\_  
Jars \$ \_\_\_\_\_  
Selective Zone \$ \_\_\_\_\_  
Safety Joint \$ 35.00  
Standby \$ \_\_\_\_\_  
Evaluation \$ \_\_\_\_\_  
Extra Packer \$ \_\_\_\_\_  
Pipe Sub. \$ \_\_\_\_\_  
Mud \$ \_\_\_\_\_  
Fluid Sampler \$ \_\_\_\_\_  
Extra Charts \$ \_\_\_\_\_  
TOTAL \$ 535.00

WESTERN TESTING CO., INC.

Pressure Data

Date 11-18-79 Test Ticket No. 4436  
 Recorder No. 2604 Capacity 4150 Location 3382 Ft.  
 Clock No.        Elevation 1353 RB Well Temperature 114 °F

| Point                           | Pressure    |        | Time Given       | Time Computed   |
|---------------------------------|-------------|--------|------------------|-----------------|
| A. Initial Hydrostatic Mud      | <u>1647</u> | P.S.I. | <u>4:45 P.M.</u> |                 |
| B. First Initial Flow Pressure  | <u>32</u>   | P.S.I. | <u>30</u> Mins.  | <u>30</u> Mins. |
| C. First Final Flow Pressure    | <u>51</u>   | P.S.I. | <u>60</u> Mins.  | <u>60</u> Mins. |
| D. Initial Closed-in Pressure   | <u>1215</u> | P.S.I. | <u>30</u> Mins.  | <u>30</u> Mins. |
| E. Second Initial Flow Pressure | <u>95</u>   | P.S.I. | <u>30</u> Mins.  | <u>30</u> Mins. |
| F. Second Final Flow Pressure   | <u>69</u>   | P.S.I. |                  |                 |
| G. Final Closed-in Pressure     | <u>1096</u> | P.S.I. |                  |                 |
| H. Final Hydrostatic Mud        | <u>1630</u> | P.S.I. |                  |                 |

PRESSURE BREAKDOWN

| Point Mins.    | First Flow Pressure         |               | Initial Shut-In             |               | Second Flow Pressure        |               | Final Shut-In               |      |
|----------------|-----------------------------|---------------|-----------------------------|---------------|-----------------------------|---------------|-----------------------------|------|
|                | Breakdown:                  | Inc.          | Breakdown:                  | Inc.          | Breakdown:                  | Inc.          | Breakdown:                  | Inc. |
|                | of <u>6</u> mins. and a     |               | of <u>20</u> mins. and a    |               | of <u>6</u> mins. and a     |               | of <u>10</u> mins. and a    |      |
|                | final inc. of <u>0</u> Min. |               | final inc. of <u>0</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>32</u>                   | <u>0</u>      | <u>51</u>                   | <u>0</u>      | <u>75</u>                   | <u>0</u>      | <u>69</u>                   |      |
| P 2 <u>5</u>   | <u>38</u>                   | <u>3</u>      | <u>119</u>                  | <u>5</u>      | <u>75</u>                   | <u>3</u>      | <u>111</u>                  |      |
| P 3 <u>10</u>  | <u>47</u>                   | <u>6</u>      | <u>222</u>                  | <u>10</u>     | <u>69</u>                   | <u>6</u>      | <u>181</u>                  |      |
| P 4 <u>15</u>  | <u>48</u>                   | <u>9</u>      | <u>359</u>                  | <u>15</u>     | <u>69</u>                   | <u>9</u>      | <u>331</u>                  |      |
| P 5 <u>20</u>  | <u>49</u>                   | <u>12</u>     | <u>533</u>                  | <u>20</u>     | <u>69</u>                   | <u>12</u>     | <u>525</u>                  |      |
| P 6 <u>25</u>  | <u>50</u>                   | <u>15</u>     | <u>740</u>                  | <u>25</u>     | <u>69</u>                   | <u>15</u>     | <u>745</u>                  |      |
| P 7 <u>30</u>  | <u>51</u>                   | <u>18</u>     | <u>893</u>                  | <u>30</u>     | <u>69</u>                   | <u>18</u>     | <u>880</u>                  |      |
| P 8 <u>35</u>  |                             | <u>21</u>     | <u>985</u>                  | <u>35</u>     |                             | <u>21</u>     | <u>971</u>                  |      |
| P 9 <u>40</u>  |                             | <u>24</u>     | <u>1042</u>                 | <u>40</u>     |                             | <u>24</u>     | <u>1029</u>                 |      |
| P 10 <u>45</u> |                             | <u>27</u>     | <u>1085</u>                 | <u>45</u>     |                             | <u>27</u>     | <u>1062</u>                 |      |
| P 11 <u>50</u> |                             | <u>30</u>     | <u>1113</u>                 | <u>50</u>     |                             | <u>30</u>     | <u>1096</u>                 |      |
| P 12 <u>55</u> |                             | <u>33</u>     | <u>1134</u>                 | <u>55</u>     |                             | <u>33</u>     |                             |      |
| P 13 <u>60</u> |                             | <u>36</u>     | <u>1148</u>                 | <u>60</u>     |                             | <u>36</u>     |                             |      |
| P 14           |                             | <u>39</u>     | <u>1165</u>                 | <u>65</u>     |                             | <u>39</u>     |                             |      |
| P 15           |                             | <u>42</u>     | <u>1173</u>                 | <u>70</u>     |                             | <u>42</u>     |                             |      |
| P 16           |                             | <u>45</u>     | <u>1182</u>                 | <u>75</u>     |                             | <u>45</u>     |                             |      |
| P 17           |                             | <u>48</u>     | <u>1189</u>                 | <u>80</u>     |                             | <u>48</u>     |                             |      |
| P 18           |                             | <u>51</u>     | <u>1196</u>                 | <u>85</u>     |                             | <u>51</u>     |                             |      |
| P 19           |                             | <u>54</u>     | <u>1202</u>                 | <u>90</u>     |                             | <u>54</u>     |                             |      |
| P 20           |                             | <u>57</u>     | <u>1209</u>                 |               |                             | <u>57</u>     |                             |      |
|                |                             | <u>60</u>     | <u>1215</u>                 |               |                             | <u>60</u>     |                             |      |

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Fullmer #1  
 Elevation 1353 Rotary Bushing Base-Kansas City Effective Pay ----- Ft. Ticket No. 4436  
 Date 11/18/79 Sec. 29 Twp. 30S Range 3W County Sumner State Kansas  
 Test Approved by W. Bryce Bidleman Western Representative Dave Sloan

Formation Test No. 2 Interval Tested from 3358 ft. to 3455 ft. Total Depth 3455 ft.  
 Packer Depth 3353 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3358 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3382 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 3385 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne-Gardner Rig #1 Drill Collar Length = I. D. - in.  
 Mud Type Mon-Pac Viscosity 43 Weight Pipe Length 620 I. D. 3.2 in.  
 Weight 9.1 Water Loss 18.8 cc. Drill Pipe Length 2716 I. D. 3.8 in.  
 Chlorides 12,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.  
 Jars: Make -- Serial Number --- Anchor Length 63 WP 97 ft. Size 5 1/2 OD in.  
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: Weak blow dying twenty minutes in initial flow period. Very weak blow dying in ten minutes on final flow.

Recovered 150 ft. of gas in pipe  
 Recovered 90 ft. of slightly gas and oil cut drilling mud  
 Recovered        ft. of         
 Recovered        ft. of         
 Recovered        ft. of       

Remarks:       

Time Set Packer(s) 4:45 ~~AM~~ P.M. Time Started Off Bottom 7:15 ~~AM~~ P.M. Maximum Temperature 114<sup>0</sup>  
 Initial Hydrostatic Pressure 1647 P.S.I. (A)  
 Initial Flow Period 30 Minutes (B) 32 P.S.I. to (C) 51 P.S.I.  
 Initial Closed In Period 60 Minutes (D) 1215 P.S.I.  
 Final Flow Period 30 Minutes (E) 75 P.S.I. to (F) 69 P.S.I.  
 Final Closed In Period 30 Minutes (G) 1096 P.S.I.  
 Final Hydrostatic Pressure 1630 P.S.I. (H)

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

Date 11/18/79 Test Ticket No. 4436  
 Recorder No. 2604 Capacity 4150 Location 3382 Ft.  
 Clock No. ---- Elevation 1353 Rotary Bushing Well Temperature 114 °F

| Point                          | Pressure    |        | Time Given   | Time Computed                |
|--------------------------------|-------------|--------|--------------|------------------------------|
| A Initial Hydrostatic Mud      | <u>1647</u> | P.S.I. | <u>4:45P</u> | <u>M</u>                     |
| B First Initial Flow Pressure  | <u>32</u>   | P.S.I. | <u>30</u>    | <u>Mins.</u> <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>51</u>   | P.S.I. | <u>60</u>    | <u>Mins.</u> <u>60</u> Mins. |
| D Initial Closed-in Pressure   | <u>1215</u> | P.S.I. | <u>30</u>    | <u>Mins.</u> <u>30</u> Mins. |
| E Second Initial Flow Pressure | <u>75</u>   | P.S.I. | <u>30</u>    | <u>Mins.</u> <u>30</u> Mins. |
| F Second Final Flow Pressure   | <u>69</u>   | P.S.I. |              |                              |
| G Final Closed-in Pressure     | <u>1096</u> | P.S.I. |              |                              |
| H Final Hydrostatic Mud        | <u>1630</u> | P.S.I. |              |                              |

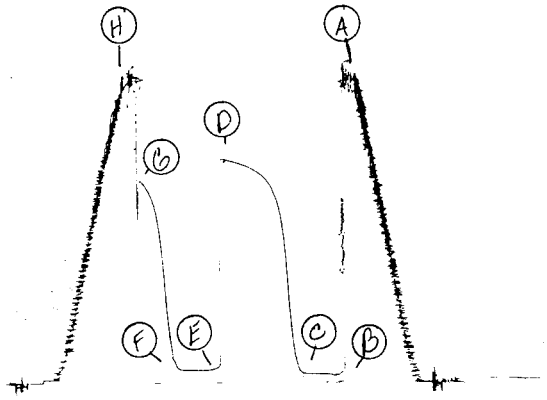
**PRESSURE BREAKDOWN**

| First Flow Pressure         |           | Initial Shut-In             |             | Second Flow Pressure        |           | Final Shut-In               |             |
|-----------------------------|-----------|-----------------------------|-------------|-----------------------------|-----------|-----------------------------|-------------|
| Breakdown: <u>6</u> Inc.    |           | Breakdown: <u>20</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>0</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>0</u>                    | <u>51</u>   | <u>0</u>                    | <u>75</u> | <u>0</u>                    | <u>69</u>   |
| P 2                         | <u>5</u>  | <u>3</u>                    | <u>119</u>  | <u>5</u>                    | <u>75</u> | <u>3</u>                    | <u>111</u>  |
| P 3                         | <u>10</u> | <u>6</u>                    | <u>222</u>  | <u>10</u>                   | <u>69</u> | <u>6</u>                    | <u>181</u>  |
| P 4                         | <u>15</u> | <u>9</u>                    | <u>359</u>  | <u>15</u>                   | <u>69</u> | <u>9</u>                    | <u>331</u>  |
| P 5                         | <u>20</u> | <u>12</u>                   | <u>533</u>  | <u>20</u>                   | <u>69</u> | <u>12</u>                   | <u>525</u>  |
| P 6                         | <u>25</u> | <u>15</u>                   | <u>740</u>  | <u>25</u>                   | <u>69</u> | <u>15</u>                   | <u>745</u>  |
| P 7                         | <u>30</u> | <u>18</u>                   | <u>893</u>  | <u>30</u>                   | <u>69</u> | <u>18</u>                   | <u>880</u>  |
| P 8                         |           | <u>21</u>                   | <u>985</u>  |                             |           | <u>21</u>                   | <u>971</u>  |
| P 9                         |           | <u>24</u>                   | <u>1042</u> |                             |           | <u>24</u>                   | <u>1029</u> |
| P10                         |           | <u>27</u>                   | <u>1085</u> |                             |           | <u>27</u>                   | <u>1062</u> |
| P11                         |           | <u>30</u>                   | <u>1113</u> |                             |           | <u>30</u>                   | <u>1096</u> |
| P12                         |           | <u>33</u>                   | <u>1134</u> |                             |           |                             |             |
| P13                         |           | <u>36</u>                   | <u>1148</u> |                             |           |                             |             |
| P14                         |           | <u>39</u>                   | <u>1165</u> |                             |           |                             |             |
| P15                         |           | <u>42</u>                   | <u>1173</u> |                             |           |                             |             |
| P16                         |           | <u>45</u>                   | <u>1182</u> |                             |           |                             |             |
| P17                         |           | <u>48</u>                   | <u>1189</u> |                             |           |                             |             |
| P18                         |           | <u>51</u>                   | <u>1196</u> |                             |           |                             |             |
| P19                         |           | <u>54</u>                   | <u>1202</u> |                             |           |                             |             |
| P20                         |           | <u>57</u>                   | <u>1209</u> |                             |           |                             |             |
|                             |           | <u>60</u>                   | <u>1215</u> |                             |           |                             |             |

2007

Fulmer #1 DST 2

TKT # 4436  
I





WESTERN TESTING CO., INC.
FORMATION TESTING

Wetel

TICKET No 4437

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 838-0601

Elevation 1353 R.B. Formation MISS. Eff. Pay Ft.

District PRATT Date 11-20-79 Customer Order No.

COMPANY NAME DUNN - GARDNER PET. INC

ADDRESS 250 W. Douglas WICHITA, KS.

LEASE AND WELL NO. FULMER #1 COUNTY SUMNER STATE KS. Sec 29 Twp 30S Rge 30W

Mail Invoice To FULLMER #1 SAME No. Copies Requested Reg

Mail Charts To SAME Address No. Copies Requested Reg.

Formation Test No 3 Interval Tested from 3884 ft. to 3803 ft. Total Depth 3903 ft.
Packer Depth 3879 ft. Size 6 3/4 in. Packer Depth ft. Size in.
Packer Depth 3884 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set
Top Recorder Depth (Inside) 3895 ft. Recorder Number 2604 Cap. 5150
Bottom Recorder Depth (Outside) 3898 ft. Recorder Number 6246 Cap. 5200
Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Co. Tools #1 Drill Collar Length I. D. in.
Mud Type MUDVISC Viscosity 75 Weight Pipe Length 620 I. D. 3.1 in.
Weight 9.4 Water Loss 25.4 cc. Drill Pipe Length 3242 I. D. 3.8 in.
Chlorides 14,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make Serial Number Anchor Length 19 3/4 ft. Size 5 1/2 in.
Did Well Flow? No Reversed Out NO Surface Choke Size in. Bottom Choke Size 3/4 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 in.

Blow: Weak Blow Dying 20 min. Initial Flow
Weak Blow Dying 10 min. Final Flow

Recovered 120 ft. of Dry mud
Recovered 60 ft. of Gas + oil cut Dry mud
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks: Tool slid 15' 20 min. AFTER Tool opened - had to pick up another landing joint - started test again. Some plugging in Tool - Anchor full of cuttings

Time Set Packer(s) 1:55 A.M. Time Started Off Bottom 5:05 A.M. Maximum Temperature 118
Initial Hydrostatic Pressure (A) 1852 P.S.I.
Initial Flow Period Minutes 30 (B) 181 P.S.I. to (C) 181 P.S.I.
Initial Closed In Period Minutes 70 (D) 164 P.S.I.
Final Flow Period Minutes 30 (E) 149 P.S.I. to (F) 149 P.S.I.
Final Closed In Period Minutes 60 (G) 1464 P.S.I.
Final Hydrostatic Pressure (H) 1852 P.S.I.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bayne Bidler Signature of Customer or his authorized representative

Western Representative Dave Sloan
Chas Gray

FIELD INVOICE

Open Hole Test \$ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$ 35.00
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 535.00

# WESTERN TESTING CO., INC.

## Pressure Data

Date 11-20-79 Test Ticket No. 4437  
 Recorder No. 2604 Capacity 4150 Location 3895 Ft.  
 Clock No. \_\_\_\_\_ Elevation 1353 RB Well Temperature 115 °F

| Point                          | Pressure    | P.S.I. | Open Tool                  | Time Given       | Time Computed   |
|--------------------------------|-------------|--------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud      | <u>1851</u> | P.S.I. |                            | <u>1:55</u> A.M. |                 |
| B First Initial Flow Pressure  | <u>181</u>  | P.S.I. | Open Tool                  | <u>30</u> Mins.  | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>185</u>  | P.S.I. | First Flow Pressure        | <u>70</u> Mins.  | <u>69</u> Mins. |
| D Initial Closed-in Pressure   | <u>1620</u> | P.S.I. | Initial Closed-in Pressure | <u>30</u> Mins.  | <u>30</u> Mins. |
| E Second Initial Flow Pressure | <u>190</u>  | P.S.I. | Second Flow Pressure       | <u>60</u> Mins.  | <u>60</u> Mins. |
| F Second Final Flow Pressure   | <u>159</u>  | P.S.I. | Final Closed-in Pressure   |                  |                 |
| G Final Closed-in Pressure     | <u>1470</u> | P.S.I. |                            |                  |                 |
| H Final Hydrostatic Mud        | <u>1850</u> | P.S.I. |                            |                  |                 |

### PRESSURE BREAKDOWN

|  |   |   |   |
|--|---|---|---|
| <b>First Flow Pressure</b><br>Breakdown: <u>6</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Initial Shut-In</b><br>Breakdown: <u>23</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Second Flow Pressure</b><br>Breakdown: <u>6</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Final Shut-In</b><br>Breakdown: <u>20</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. |
|--|---|---|---|

| Point Mins. | First Flow Pressure    |               | Initial Shut-In |               | Second Flow Pressure   |               | Final Shut-In |               |
|-------------|------------------------|---------------|-----------------|---------------|------------------------|---------------|---------------|---------------|
|             | Press.                 | Point Minutes | Press.          | Point Minutes | Press.                 | Point Minutes | Press.        | Point Minutes |
| P 1 0       | <u>181</u>             | 0             | <u>185</u>      | 0             | <u>190</u>             | 0             | <u>159</u>    | 0             |
| P 2 5       | <i>Plugging Action</i> | 3             | <u>455</u>      | 3             | <i>Plugging Action</i> | 3             | <u>288</u>    | 3             |
| P 3 10      |                        | 6             | <u>747</u>      | 6             |                        | 6             | <u>432</u>    | 6             |
| P 4 15      |                        | 9             | <u>1071</u>     | 9             |                        | 9             | <u>690</u>    | 9             |
| P 5 20      |                        | 12            | <u>1580</u>     | 12            |                        | 12            | <u>956</u>    | 12            |
| P 6 25      |                        | 15            | <u>1735</u>     | 15            |                        | 15            | <u>1324</u>   | 15            |
| P 7 30      | <u>185</u>             | 18            | <u>1760</u>     | 18            | <u>159</u>             | 18            | <u>1469</u>   | 18            |
| P 8 35      |                        | 21            | <u>1763</u>     | 21            |                        | 21            | <u>1479</u>   | 21            |
| P 9 40      |                        | 24            | <u>1763</u>     | 24            |                        | 24            | <u>1478</u>   | 24            |
| P 10 45     |                        | 27            | <u>1760</u>     | 27            |                        | 27            | <u>1475</u>   | 27            |
| P 11 50     |                        | 30            | <u>1750</u>     | 30            |                        | 30            | <u>1473</u>   | 30            |
| P 12 55     |                        | 33            | <u>1716</u>     | 33            |                        | 33            | <u>1470</u>   | 33            |
| P 13 60     |                        | 36            | <u>1691</u>     | 36            |                        | 36            |               | 36            |
| P 14        |                        | 39            | <u>1670</u>     | 39            |                        | 39            |               | 39            |
| P 15        |                        | 42            | <u>1659</u>     | 42            |                        | 42            |               | 42            |
| P 16        |                        | 45            | <u>1646</u>     | 45            |                        | 45            |               | 45            |
| P 17        |                        | 48            | <u>1640</u>     | 48            |                        | 48            |               | 48            |
| P 18        |                        | 51            | <u>1639</u>     | 51            |                        | 51            |               | 51            |
| P 19        |                        | 54            | <u>1634</u>     | 54            |                        | 54            |               | 54            |
| P 20        |                        | 57            | <u>1623</u>     | 57            |                        | 57            |               | 57            |
|             |                        | 60            | <u>1611</u>     | 60            |                        | 60            |               | <u>1470</u>   |
|             |                        | 63            | <u>1599</u>     |               |                        |               |               |               |
|             |                        | 66            | <u>1602</u>     |               |                        |               |               |               |
|             |                        | 69            | <u>1620</u>     |               |                        |               |               |               |

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Fullmer #1  
 Elevation 1353 Rotary Bushing Mississippi Formation ----- Effective Pay ----- Ft. Ticket No. 4437  
 Date 11/20/79 Sec. 29 Twp. 30S Range 3W County Sumner State Kansas  
 Test Approved by W. Bryce Bidleman Western Representative Dave Sloan

Formation Test No. 3 Interval Tested from 3884 ft. to 3903 ft. Total Depth 3903 ft.  
 Packer Depth 3879 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 3884 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 3895 ft. Recorder Number 2604 Cap. 4150  
 Bottom Recorder Depth (Outside) 3898 ft. Recorder Number 6246 Cap. 5200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne-Gardner Petroleum Rig #1 Drill Collar Length - I. D. - in.  
 Mud Type Monpac Viscosity 75 Weight Pipe Length 620 I. D. 3.2 in.  
 Weight 9.4 Water Loss 25.4 cc. Drill Pipe Length 3242 I. D. 3.8 in.  
 Chlorides 14,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.  
 Jars: Make -- Serial Number --- Anchor Length 19 ft. Size 5 1/2 OD in.  
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 FH in.

Blow: WEak blow dying twenty minutes on initial flow period. Weak blow dying ten minutes on final flow period.

Recovered 120 ft. of drilling mud  
 Recovered 60 ft. of gas and oil cut drilling mud  
 Recovered        ft. of         
 Recovered        ft. of         
 Recovered        ft. of       

Remarks: Tool slid fifteen feet twenty minutes after tool opened. Had to pick up another landing joint; started test again. Some plugging in tool; anchor full of cuttings.

| Time Set                     | Packer(s)   | A.M.<br>P.M. | Time Started | Off Bottom  | A.M.<br>P.M.    | Maximum Temperature             |
|------------------------------|-------------|--------------|--------------|-------------|-----------------|---------------------------------|
|                              | <u>1:55</u> | <u>A.M.</u>  |              | <u>5:05</u> | <u>P.M.</u>     | <u>118<sup>0</sup></u>          |
| Initial Hydrostatic Pressure |             |              | (A)          | <u>1851</u> | P.S.I.          |                                 |
| Initial Flow Period          |             |              | Minutes      | <u>30</u>   | (B) <u>181</u>  | P.S.I. to (C) <u>185</u> P.S.I. |
| Initial Closed In Period     |             |              | Minutes      | <u>69</u>   | (D) <u>1620</u> | P.S.I.                          |
| Final Flow Period            |             |              | Minutes      | <u>30</u>   | (E) <u>190</u>  | P.S.I. to (F) <u>159</u> P.S.I. |
| Final Closed In Period       |             |              | Minutes      | <u>60</u>   | (G) <u>1470</u> | P.S.I.                          |
| Final Hydrostatic Pressure   |             |              | (H)          | <u>1850</u> | P.S.I.          |                                 |

# WESTERN TESTING CO., INC.

## Pressure Data

Date 11/20/79 Test Ticket No. 4437  
 Recorder No. 2604 Capacity 4150 Location 3895 Ft.  
 Clock No. --- Elevation 1353 Kelly Bushing Well Temperature 118 °F

| Point                          | Pressure |        | Time Given | Time Computed |          |
|--------------------------------|----------|--------|------------|---------------|----------|
|                                |          |        |            | M             | Mins.    |
| A Initial Hydrostatic Mud      | 1851     | P.S.I. | 1:55A      |               |          |
| B First Initial Flow Pressure  | 181      | P.S.I. | 30         | Mins.         | 30 Mins. |
| C First Final Flow Pressure    | 185      | P.S.I. | 70         | Mins.         | 69 Mins. |
| D Initial Closed-in Pressure   | 1620     | P.S.I. | 30         | Mins.         | 30 Mins. |
| E Second Initial Flow Pressure | 190      | P.S.I. | 60         | Mins.         | 60 Mins. |
| F Second Final Flow Pressure   | 159      | P.S.I. |            |               |          |
| G Final Closed-in Pressure     | 1470     | P.S.I. |            |               |          |
| H Final Hydrostatic Mud        | 1850     | P.S.I. |            |               |          |

### PRESSURE BREAKDOWN

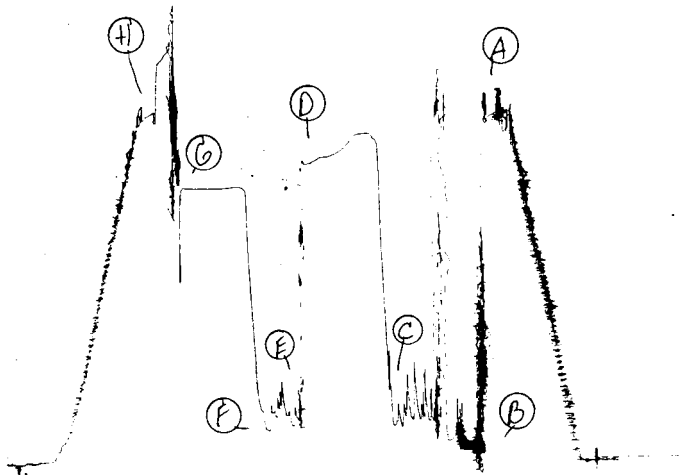
|  |   |   |   |
|--|---|---|---|
| <b>First Flow Pressure</b><br>Breakdown: <u>6</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Initial Shut-In</b><br>Breakdown: <u>23</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Second Flow Pressure</b><br>Breakdown: <u>6</u> Inc.<br>of <u>5</u> mins. and a<br>final inc. of <u>0</u> Min. | <b>Final Shut-In</b><br>Breakdown: <u>20</u> Inc.<br>of <u>3</u> mins. and a<br>final inc. of <u>0</u> Min. |
|--|---|---|---|

| Point Mins.            | Press. | Initial Shut-In |        | Second Flow Pressure |        | Final Shut-In |        |
|------------------------|--------|-----------------|--------|----------------------|--------|---------------|--------|
|                        |        | Point Minutes   | Press. | Point Minutes        | Press. | Point Minutes | Press. |
| P 1 0                  | 181    | 0               | 185    | 0                    | 190    | 0             | 159    |
| P 2 5 Plugging action  |        | 3               | 455    | 5 Plugging action    |        | 3             | 288    |
| P 3 10 Plugging action |        | 6               | 747    | 10 Plugging action   |        | 6             | 432    |
| P 4 15 Plugging action |        | 9               | 1071   | 15 Plugging action   |        | 9             | 690    |
| P 5 20 Plugging action |        | 12              | 1580   | 20 Plugging action   |        | 12            | 956    |
| P 6 25 Plugging action |        | 15              | 1735   | 25 Plugging action   |        | 15            | 1324   |
| P 7 30                 | 185    | 18              | 1760   | 30                   | 159    | 18            | 1469   |
| P 8                    |        | 21              | 1763   |                      |        | 21            | 1479   |
| P 9                    |        | 24              | 1763   |                      |        | 24            | 1478   |
| P10                    |        | 27              | 1760   |                      |        | 27            | 1475   |
| P11                    |        | 30              | 1750   |                      |        | 30            | 1473   |
| P12                    |        | 33              | 1716   |                      |        | 33            | 1470   |
| P13                    |        | 36              | 1691   |                      |        | 36            | 1470   |
| P14                    |        | 39              | 1670   |                      |        | 39            | 1470   |
| P15                    |        | 42              | 1659   |                      |        | 42            | 1470   |
| P16                    |        | 45              | 1646   |                      |        | 45            | 1470   |
| P17                    |        | 48              | 1640   |                      |        | 48            | 1470   |
| P18                    |        | 51              | 1639   |                      |        | 51            | 1470   |
| P19                    |        | 54              | 1634   |                      |        | 54            | 1470   |
| P20                    |        | 57              | 1623   |                      |        | 57            | 1470   |
| WTC - 4                |        | 60              | 1611   |                      |        | 60            | 1470   |
|                        |        | 63              | 1599   |                      |        |               |        |
|                        |        | 66              | 1602   |                      |        |               |        |

L404

Fulmer #1 DST 3

TKT # 4437  
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WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO: 3845

P. O. BOX 1599 WICHITA, KANSAS 67201 PHONE (316) 838-0601

Elevation 1353 KB Formation Simpson Eff. Pay - Ft.

District Augusta Date 11-21-79 Customer Order No. -

COMPANY NAME Dunne & Gardner Petroleum Inc.

ADDRESS Fullmer #1 200 W Douglas Wichita, Ks 305

LEASE AND WELL NO. Fullmer #1 COUNTY Sumner STATE Ks Sec 29 Twp 30 Rge 3W

Mail Invoice To same Co. Name Address No. Copies Requested Usual

Mail Charts To same Address No. Copies Requested Usual

Formation Test No. 4 Interval Tested from 4291 ft. to 4315 ft. Total Depth 4315 ft. Packer Depth 4291 ft. Size 6 3/4 in. Packer Depth 4286 ft. Size 6 3/4 in. Packer Depth - ft. Size - in. Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4308 ft. Recorder Number 10980 Cap. 4200 Bottom Recorder Depth (Outside) 4311 ft. Recorder Number 1561 Cap. 3200 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Co. Tools. Mud Type Myn Pak Viscosity 61 Weight 9.2 Water Loss 11.8 cc. Chlorides 11,000 P.P.M. Jars: Make - Serial Number - Did Well Flow? No Reversed Out No Drill Collar Length - I. D. - in. Weight Pipe Length 630 I. D. 2.7 in. Drill Pipe Length 3638 I. D. 3.8 in. Test Tool Length 47 ft. Tool Size 4 1/2 in. Anchor Length 24 ft. Size 4 1/2 in. Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in. Main Hole Size 7 1/8 in. Tool Joint Size 3 1/2 in.

Blow: Strong thruout test (Gas to surface on FFP)

Recovered 110 ft. of Freeoil (46 Gravity corrected) Recovered 300 ft. of Muddy gassy oil Recovered 10 ft. of Muddy water Recovered - ft. of Recovered - ft. of

Remarks:

Table with 4 columns: Time Set Packer(s), AM/PM, Time Started Off Bottom, AM/PM, Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.

COMPANY TERMS

Western Testing Co., Inc. shall not be liable for damages of any kind to the property or personnel of the one for whom a test is made or for any loss suffered or sustained directly or indirectly through the use of its equipment, of its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid at cost by the party for whom the test is made.

All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By W. Bruce Baidler Signature of Customer or his authorized representative

Western Representative Norman Allen

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test, Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage, Fluid Sampler, Extra Charts.

TOTAL \$ 585.00

# WESTERN TESTING CO., INC.

## Pressure Data

Date 11-21-79 Test Ticket No. 3845  
 Recorder No. 10980 Capacity 4200 Location 4308 Ft.  
 Clock No. — Elevation 1353 K.B. Well Temperature 138 °F

| Point                          | Pressure           | Time Given      | Time Computed   |
|--------------------------------|--------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2195</u> P.S.I. | <u>5:30 P</u> M |                 |
| B First Initial Flow Pressure  | <u>60</u> P.S.I.   | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>73</u> P.S.I.   | <u>60</u> Mins. | <u>60</u> Mins. |
| D Initial Closed-in Pressure   | <u>1359</u> P.S.I. | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>128</u> P.S.I.  | <u>60</u> Mins. | <u>60</u> Mins. |
| F Second Final Flow Pressure   | <u>171</u> P.S.I.  | <u>60</u> Mins. | <u>60</u> Mins. |
| G Final Closed-in Pressure     | <u>1375</u> P.S.I. | <u>60</u> Mins. | <u>60</u> Mins. |
| H Final Hydrostatic Mud        | <u>2157</u> P.S.I. |                 |                 |

### PRESSURE BREAKDOWN

| Point Mins. | First Flow Pressure Breakdown                | Initial Shut-In Breakdown                     | Second Flow Pressure Breakdown                | Final Shut-In Breakdown                       |
|-------------|--|---|---|---|
| P 1         | 6 Inc. of 5 mins. and a final inc. of 0 Min. | 20 Inc. of 3 mins. and a final inc. of 0 Min. | 12 Inc. of 5 mins. and a final inc. of 0 Min. | 20 Inc. of 3 mins. and a final inc. of 0 Min. |
| P 1         | 0  | 0   | 0   | 0   |
| P 2         | 5  | 3   | 5   | 3   |
| P 3         | 10   | 6   | 10  | 6   |
| P 4         | 15   | 9   | 15  | 9   |
| P 5         | 20   | 12  | 20  | 12  |
| P 6         | 25   | 15  | 25  | 15  |
| P 7         | 30   | 18  | 30  | 18  |
| P 8         | <del>35</del>                                | 21  | 35  | 21  |
| P 9         | <del>40</del>                                | 24  | 40  | 24  |
| P 10        | <del>45</del>                                | 27  | 45  | 27  |
| P 11        | <del>50</del>                                | 30  | 50  | 30  |
| P 12        | <del>55</del>                                | 33  | 55  | 33  |
| P 13        | <del>60</del>                                | 36  | 60  | 36  |
| P 14        |  | 39  | 65  | 39  |
| P 15        |  | 42  | 70  | 42  |
| P 16        |  | 45  | 75  | 45  |
| P 17        |  | 48  | 80  | 48  |
| P 18        |  | 51  | 85  | 51  |
| P 19        |  | 54  | 90  | 54  |
| P 20        |  | 57  |   | 57  |
|             |  | 60  |   | 60  |

Company Dunne-Gardner Petroleum, Inc. Lease & Well No. Fullmer #1  
 Elevation 1353 Kelly Bushing Simpson Formation --- Effective Pay --- Ft. Ticket No. 3845  
 Date 11/21/79 Sec. 29 Twp. 30S Range 3W County Sumner State Kansas  
 Test Approved by W. Bryce Bidleman Western Representative Norman Allen

Formation Test No. 4 Interval Tested from 4291 ft. to 4315 ft. Total Depth 4315 ft.  
 Packer Depth 4291 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4286 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -  
 Top Recorder Depth (Inside) 4308 ft. Recorder Number 10980 Cap. 4200  
 Bottom Recorder Depth (Outside) 4311 ft. Recorder Number 1561 Cap. 3200  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Dunne Gardner Petroleum, Inc. Drill Collar Length - I. D. - in.  
 Mud Type Mon-Pac Viscosity 61 Weight Pipe Length 630 I. D. 2.7 in.  
 Weight 9.2 Water Loss 11.8 cc. Drill Pipe Length 3638 I. D. 3.8 in.  
 Chlorides 11,000 P.P.M. Test Tool Length 47 ft. Tool Size 4 1/2 OD in.  
 Jars: Make -- Serial Number -- Anchor Length 24 ft. Size 4 1/2 OD in.  
 Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
 Main Hole Size 7 7/8 in. Tool Joint Size 3 1/2 IF in.

Blow: Strong throughout test. ( Gas to surface on Final Flow Period)

Recovered 110 ft. of free oil (46 gravity corrected)  
 Recovered 300 ft. of muddy gassy oil  
 Recovered 10 ft. of muddy water  
 Recovered     ft. of      
 Recovered     ft. of    

Remarks:    

Time Set Packer(s) 5:30 ~~A.M.~~ P.M. Time Started Off Bottom 9:00 ~~A.M.~~ P.M. Maximum Temperature 138<sup>0</sup>  
 Initial Hydrostatic Pressure (A) 2195 P.S.I.  
 Initial Flow Period Minutes 30 (B) 60 P.S.I. to (C) 73 P.S.I.  
 Initial Closed In Period Minutes 60 (D) 1359 P.S.I.  
 Final Flow Period Minutes 60 (E) 128 P.S.I. to (F) 171 P.S.I.  
 Final Closed In Period Minutes 60 (G) 1375 P.S.I.  
 Final Hydrostatic Pressure (H) 2157 P.S.I.

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

Date 11/21/79 Test Ticket No. 3845  
 Recorder No. 10980 Capacity 4200 Location 4308 Ft.  
 Clock No. ---- Elevation 1353 Kelly Bushing Well Temperature 138 °F

| Point                          | Pressure |        | Time Given | Time Computed  |
|--------------------------------|----------|--------|------------|----------------|
| A Initial Hydrostatic Mud      | 2195     | P.S.I. | 5:30P      | M              |
| B First Initial Flow Pressure  | 60       | P.S.I. | 30         | Mins. 30 Mins. |
| C First Final Flow Pressure    | 73       | P.S.I. | 60         | Mins. 60 Mins. |
| D Initial Closed-in Pressure   | 1359     | P.S.I. | 60         | Mins. 60 Mins. |
| E Second Initial Flow Pressure | 128      | P.S.I. | 60         | Mins. 60 Mins. |
| F Second Final Flow Pressure   | 171      | P.S.I. | 60         | Mins. 60 Mins. |
| G Final Closed-in Pressure     | 1375     | P.S.I. |            |                |
| H Final Hydrostatic Mud        | 2157     | P.S.I. |            |                |

**PRESSURE BREAKDOWN**

| First Flow Pressure         |        | Initial Shut-In             |        | Second Flow Pressure        |        | Final Shut-In               |        |
|-----------------------------|--------|-----------------------------|--------|-----------------------------|--------|-----------------------------|--------|
| Breakdown: <u>6</u> Inc.    |        | Breakdown: <u>20</u> Inc.   |        | Breakdown: <u>12</u> Inc.   |        | Breakdown: <u>20</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>0</u> Min. |        | final inc. of <u>0</u> Min. |        |
| Point Mins.                 | Press. | Point Minutes               | Press. | Point Minutes               | Press. | Point Minutes               | Press. |
| P 1 0                       | 60     | 0                           | 72     | 0                           | 128    | 0                           | 397    |
| P 2 5                       | 47     | 3                           | 271    | 5                           | 105    | 3                           | 1131   |
| P 3 10                      | 49     | 6                           | 726    | 10                          | 107    | 6                           | 1269   |
| P 4 15                      | 53     | 9                           | 1239   | 15                          | 113    | 9                           | 1301   |
| P 5 20                      | 58     | 12                          | 1280   | 20                          | 120    | 12                          | 1318   |
| P 6 25                      | 64     | 15                          | 1303   | 25                          | 126    | 15                          | 1328   |
| P 7 30                      | 73     | 18                          | 1318   | 30                          | 132    | 18                          | 1339   |
| P 8                         |        | 21                          | 1322   | 35                          | 137    | 21                          | 1345   |
| P 9                         |        | 24                          | 1331   | 40                          | 143    | 24                          | 1352   |
| P10                         |        | 27                          | 1337   | 45                          | 150    | 27                          | 1356   |
| P11                         |        | 30                          | 1341   | 50                          | 158    | 30                          | 1360   |
| P12                         |        | 33                          | 1343   | 55                          | 165    | 33                          | 1364   |
| P13                         |        | 36                          | 1345   | 60                          | 171    | 36                          | 1366   |
| P14                         |        | 39                          | 1350   |                             |        | 39                          | 1368   |
| P15                         |        | 42                          | 1352   |                             |        | 42                          | 1371   |
| P16                         |        | 45                          | 1354   |                             |        | 45                          | 1373   |
| P17                         |        | 48                          | 1355   |                             |        | 48                          | 1374   |
| P18                         |        | 51                          | 1356   |                             |        | 51                          | 1375   |
| P19                         |        | 54                          | 1357   |                             |        | 54                          | 1375   |
| P20                         |        | 57                          | 1358   |                             |        | 57                          | 1375   |
|                             |        | 60                          | 1359   |                             |        | 60                          | 1375   |

TK# 3845

I.

