



WESTERN TESTING CO., INC. *Did Not Find*  
FORMATION TESTING  
TICKET NO 11051

P. O. BOX 1599 PHONE (316) 262-5861  
WICHITA, KANSAS 67201

Elevation \_\_\_\_\_ Formation Cherokee Eff. Pay \_\_\_\_\_ Ft.

Oil Moltz District Pratt Date 5-5-81 Customer Order No. \_\_\_\_\_  
COMPANY NAME Moltz Oil Co RR #2 Box 54

ADDRESS Kiowa KS 67270  
LEASE AND WELL NO. Seecat #1 COUNTY Clark STATE KS Sec. 29 Twp. 30S Rge. 21W

Mail Invoice To Same No. Copies Requested Reg  
Co. Name \_\_\_\_\_ Address \_\_\_\_\_

Mail Charts To Same No. Copies Requested Reg  
Address \_\_\_\_\_

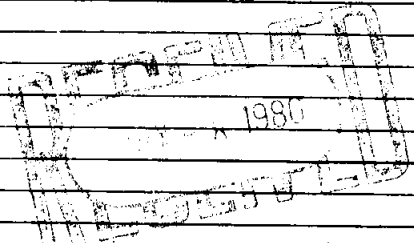
Formation Test No. 1 Interval Tested from 5123 ft. to 5213 ft. Total Depth 5213 ft.  
Packer Depth 5123 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 5125 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.

Depth of Selective Zone Set \_\_\_\_\_  
Top Recorder Depth (Inside) 5131 ft. Recorder Number 5673 Cap. 5400  
Bottom Recorder Depth (Outside) 5134 ft. Recorder Number 1565 Cap. 4900  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor Beredco #1 Drill Collar Length 180 I. D. 2.2 in.  
Mud Type Drispac Viscosity 52 Weight Pipe Length \_\_\_\_\_ I. D. \_\_\_\_\_ in.  
Weight 9.0 Water Loss 20.6 cc. Drill Pipe Length 4928 I. D. 3.8 in.  
Chlorides 14,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 2x41-23 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 x 4 in.

Blow: Strong GTS 21 min. I.F. 31,900 cfd - NO Gas flow  
Report Requested

Recovered 990 ft. of Gas Cut Mud  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks: Packer's Failed 10 min FF.



Time On Location 11:00 AM Time Pick Up Tool 3:30 PM Time Off Location 10:30 AM  
Time Set Packer(s) 5:09 AM Time Started Off Bottom 6:20 PM Maximum Temperature 127°  
Initial Hydrostatic Pressure \_\_\_\_\_ (A) 2421 P.S.I.  
Initial Flow Period \_\_\_\_\_ Minutes 30 (B) 68 P.S.I. to (C) 68 P.S.I.  
Initial Closed In Period \_\_\_\_\_ Minutes 30 (D) 819 P.S.I.  
Final Flow Period \_\_\_\_\_ Minutes 10 (E) 81 P.S.I. to (F) 81 P.S.I.  
Final Closed In Period \_\_\_\_\_ Minutes (G) \_\_\_\_\_ P.S.I.  
Final Hydrostatic Pressure \_\_\_\_\_ (H) 2421 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 Doug M. Dummer  
Signature of Customer or his authorized representative

Western Representative Al Pietrowski

Thank you

FIELD INVOICE

Open Hole Test \$ 775.00  
Misrun \$ \_\_\_\_\_  
Straddle Test \$ \_\_\_\_\_  
Jars \$ \_\_\_\_\_  
Selective Zone \$ \_\_\_\_\_  
Safety Joint \$ \_\_\_\_\_  
Standby \$ \_\_\_\_\_  
Evaluation \$ \_\_\_\_\_  
Extra Packer \$ \_\_\_\_\_  
Circ. Sub. \$ \_\_\_\_\_  
Mileage 60 \$ 45.00  
Fluid Sampler \$ \_\_\_\_\_  
Extra Charts \$ \_\_\_\_\_  
Insurance \$ \_\_\_\_\_  
TOTAL \$ 820.00

WESTERN TESTING CO., INC.

Pressure Data

Date 5-5

Test Ticket No. 11051

Recorder No. 5673

Capacity 5400

Location 5131 Ft.

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

Well Temperature 127 °F

| Point                          | Pressure    |        | Time Given      | Time Computed   |
|--------------------------------|-------------|--------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2403</u> | P.S.I. | <u>5:09 P</u>   | <u>M</u>        |
| B First Initial Flow Pressure  | <u>71</u>   | P.S.I. | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>74</u>   | P.S.I. | <u>30</u> Mins. | <u>30</u> Mins. |
| D Initial Closed-in Pressure   | <u>828</u>  | P.S.I. | <u>10</u> Mins. | <u>5</u> Mins.  |
| E Second Initial Flow Pressure | <u>96</u>   | P.S.I. | _____ Mins.     | _____ Mins.     |
| F Second Final Flow Pressure   | <u>89</u>   | P.S.I. | _____ Mins.     | _____ Mins.     |
| G Final Closed-in Pressure     | _____       | P.S.I. | _____ Mins.     | _____ Mins.     |
| H Final Hydrostatic Mud        | <u>2403</u> | 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: 10 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

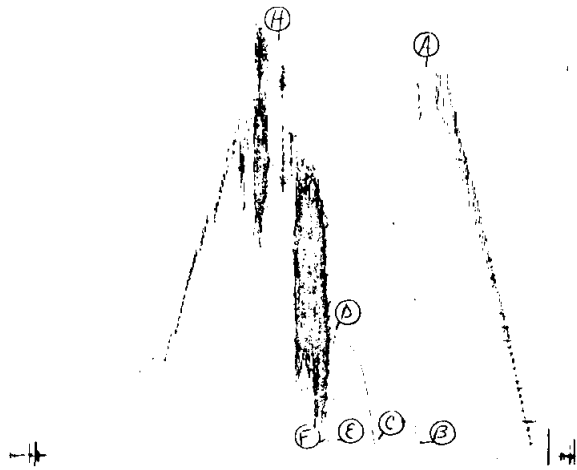
Second Flow Pressure  
Breakdown: 1 Inc.  
of 5 mins. and a  
final inc. of 0 Min.

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

| Point Mins. | Press.    | Point Minutes | Press.    | Point Minutes | Press.    | Point Minutes | Press. |
|-------------|-----------|---------------|-----------|---------------|-----------|---------------|--------|
| P 1         | <u>0</u>  | <u>71</u>     | <u>0</u>  | <u>74</u>     | <u>0</u>  | <u>0</u>      |        |
| P 2         | <u>5</u>  | <u>66</u>     | <u>3</u>  | <u>325</u>    | <u>5</u>  | <u>89</u>     |        |
| P 3         | <u>10</u> | <u>66</u>     | <u>6</u>  | <u>478</u>    | <u>10</u> |               |        |
| P 4         | <u>15</u> | <u>68</u>     | <u>9</u>  | <u>596</u>    | <u>15</u> |               |        |
| P 5         | <u>20</u> | <u>70</u>     | <u>12</u> | <u>675</u>    | <u>20</u> |               |        |
| P 6         | <u>25</u> | <u>73</u>     | <u>15</u> | <u>724</u>    | <u>25</u> |               |        |
| P 7         | <u>30</u> | <u>74</u>     | <u>18</u> | <u>763</u>    | <u>30</u> |               |        |
| P 8         | <u>35</u> |               | <u>21</u> | <u>787</u>    | <u>35</u> |               |        |
| P 9         | <u>40</u> |               | <u>24</u> | <u>809</u>    | <u>40</u> |               |        |
| P10         | <u>45</u> |               | <u>27</u> | <u>822</u>    | <u>45</u> |               |        |
| P11         | <u>50</u> |               | <u>30</u> | <u>828</u>    | <u>50</u> |               |        |
| P12         | <u>55</u> |               | <u>33</u> |               | <u>55</u> |               |        |
| P13         | <u>60</u> |               | <u>36</u> |               | <u>60</u> |               |        |
| P14         |           |               | <u>39</u> |               | <u>65</u> |               |        |
| P15         |           |               | <u>42</u> |               | <u>70</u> |               |        |
| P16         |           |               | <u>45</u> |               | <u>75</u> |               |        |
| P17         |           |               | <u>48</u> |               | <u>80</u> |               |        |
| P18         |           |               | <u>51</u> |               | <u>85</u> |               |        |
| P19         |           |               | <u>54</u> |               | <u>90</u> |               |        |
| P20         |           |               | <u>57</u> |               |           |               |        |
|             |           |               | <u>60</u> |               |           |               |        |

100  
100

TRT # 11051  
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Company Molz Oil Company Lease & Well No. Seacat #1  
 Elevation - Formation Cherokee Effective Pay - Ft. Ticket No. 11051  
 Date 5/5/81 Sec. 29 Twp. 30S Range 21W County Clark State Kansas  
 Test Approved by Doug McGinness Western Representative Jeff Piotrowski

Formation Test No. 1 Interval Tested from 5128 ft. to 5213 ft. Total Depth 5213 ft.  
 Packer Depth 5123 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 5128 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5131 ft. Recorder Number 5673 Cap. 5400  
 Bottom Recorder Depth (Outside) 5134 ft. Recorder Number 1565 Cap. 4900  
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Beredco Rig #1 Drill Collar Length 180 I. D. 2.2 in.  
 Mud Type Drispac Viscosity 52 Weight Pipe Length - I. D. - in.  
 Weight 9.0 Water Loss 20.6 cc. Drill Pipe Length 4928 I. D. 3.8 in.  
 Chlorides 14,000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 OD in.  
 Jars: Make - Serial Number - Anchor Length DC 62 - 23 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 XH in.

Blow: Strong. Gas to surface in 21 minutes initial flow period. No gas flow report requested.

Recovered 990 ft. of gas cut mud  
 Recovered        ft. of         
 Recovered        ft. of         
 Recovered        ft. of         
 Recovered        ft. of       

Remarks: Packers failed 10 minutes final flow period.

Time Set Packer(s) 5:09 ~~AM~~ P.M. Time Started Off Bottom 6:20 ~~AM~~ P.M. Maximum Temperature 127  
 Initial Hydrostatic Pressure        (A) 2403 P.S.I.  
 Initial Flow Period        Minutes 30 (B) 71 P.S.I. to (C) 74 P.S.I.  
 Initial Closed In Period        Minutes 30 (D) 828 P.S.I.  
 Final Flow Period        Minutes 5 (E) 96 P.S.I. to (F) 89 P.S.I.  
 Final Closed In Period        Minutes - (G) - P.S.I.  
 Final Hydrostatic Pressure        (H) 2403 P.S.I.

**WESTERN TESTING CO., INC.**

**Pressure Data**

Date 5/5/81

Test Ticket No. 11051

Recorder No. 5673

Capacity 5400 Location 5131 Ft.

Clock No. - Elevation -

Well Temperature 127 °F

| Point                          | Pressure           |                            | Time Given      | Time Computed   |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud      | <u>2403</u> P.S.I. | Open Tool                  | <u>5:09P</u> M  |                 |
| B First Initial Flow Pressure  | <u>71</u> P.S.I.   | First Flow Pressure        | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure    | <u>74</u> P.S.I.   | Initial Closed-in Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| D Initial Closed-in Pressure   | <u>828</u> P.S.I.  | Second Flow Pressure       | <u>10</u> Mins. | <u>5</u> Mins.  |
| E Second Initial Flow Pressure | <u>96</u> P.S.I.   | Final Closed-in Pressure   | <u>-</u> Mins.  | <u>-</u> Mins.  |
| F Second Final Flow Pressure   | <u>89</u> P.S.I.   |                            |                 |                 |
| G Final Closed-in Pressure     | <u>-</u> P.S.I.    |                            |                 |                 |
| H Final Hydrostatic Mud        | <u>2403</u> 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: 10 Inc.  
of 3 mins. and a  
final inc. of 0 Min.

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

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

| Point Mins.   | Press.    | Point Minutes | Press.     | Point Minutes | Press.    | Point Minutes | Press. |
|---------------|-----------|---------------|------------|---------------|-----------|---------------|--------|
| P 1 <u>0</u>  | <u>71</u> | <u>0</u>      | <u>74</u>  | <u>0</u>      | <u>96</u> |               |        |
| P 2 <u>5</u>  | <u>66</u> | <u>3</u>      | <u>325</u> | <u>5</u>      | <u>89</u> |               |        |
| P 3 <u>10</u> | <u>66</u> | <u>6</u>      | <u>478</u> |               |           |               |        |
| P 4 <u>15</u> | <u>68</u> | <u>9</u>      | <u>596</u> |               |           |               |        |
| P 5 <u>20</u> | <u>70</u> | <u>12</u>     | <u>675</u> |               |           |               |        |
| P 6 <u>25</u> | <u>73</u> | <u>15</u>     | <u>724</u> |               |           |               |        |
| P 7 <u>30</u> | <u>74</u> | <u>18</u>     | <u>763</u> |               |           |               |        |
| P 8           |           | <u>21</u>     | <u>787</u> |               |           |               |        |
| P 9           |           | <u>24</u>     | <u>809</u> |               |           |               |        |
| P10           |           | <u>27</u>     | <u>822</u> |               |           |               |        |
| P11           |           | <u>30</u>     | <u>828</u> |               |           |               |        |
| P12           |           |               |            |               |           |               |        |
| P13           |           |               |            |               |           |               |        |
| P14           |           |               |            |               |           |               |        |
| P15           |           |               |            |               |           |               |        |
| P16           |           |               |            |               |           |               |        |
| P17           |           |               |            |               |           |               |        |
| P18           |           |               |            |               |           |               |        |
| P19           |           |               |            |               |           |               |        |
| P20           |           |               |            |               |           |               |        |