



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 12175 OK

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

Elevation 1377 GL Formation Simp Eff. Pay Ft.

District Augusta Date 7-12-81 Customer Order No.

COMPANY NAME A. L. Abercrombie, Inc.

ADDRESS 801 Union Center, Wichita, Ks 67202

LEASE AND WELL NO. Slechts #1 COUNTY Sumner STATE Ks. Sec. 1 Twp. 30S 4W Rge. 4W

Mail Invoice To Same Co. Name Address No. Copies Requested 1

Mail Charts To Same Co. Name Address No. Copies Requested 5

Formation Test No. #1 Interval Tested from 4308 ft. to 4398 ft. Total Depth 4398 ft.

Packer Depth 4308 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4303 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4388 ft. Recorder Number 2774 Cap. 4500

Bottom Recorder Depth (Outside) 4393 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor PNB Drilling Co. #3 Drill Collar Length 309 I. D. in.

Mud Type Schem Viscosity 4.6 Weight Pipe Length I. D. in.

Weight 9.4 Water Loss 12.8 cc. Drill Pipe Length 4041 I. D. in.

Chlorides 7.000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make None Serial Number Anchor Length 90 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3 1/2 in. Bottom Choke Size 3 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak Die 10 min into Jitter flow, Flushed tool 5 min into spread (flow) good surge as tool opened No blow

Recovered 15 ft. of Drilling mud

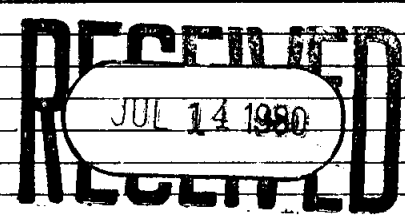
Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:



Time On Location 5:30 ⁷¹² A.M. Time Pick Up Tool 8:00 A.M. Time Off Location 2:45 ⁷¹² P.M.

Time Set Packer(s) 9:45 A.M. Time Started Off Bottom 12:15 P.M. Maximum Temperature 134 °

Initial Hydrostatic Pressure (A) 2109 P.S.I.

Initial Flow Period Minutes 30 (B) 68 P.S.I. to (C) 68 P.S.I.

Initial Closed In Period Minutes 45 (D) 170 P.S.I.

Final Flow Period Minutes 30 (E) 68 P.S.I. to (F) 68 P.S.I.

Final Closed In Period Minutes 45 (G) 102 P.S.I.

Final Hydrostatic Pressure (H) 2109 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 Stem Frankamp
Signature of Customer or his authorized representative

Western Representative Robert Davis

FIELD INVOICE

| | |
|----------------|------------------|
| Open Hole Test | \$ <u>700.00</u> |
| Misrun | \$ <u> </u> |
| Straddle Test | \$ <u> </u> |
| Jars | \$ <u> </u> |
| Selective Zone | \$ <u> </u> |
| Safety Joint | \$ <u> </u> |
| Standby | \$ <u>No chg</u> |
| Evaluation | \$ <u> </u> |
| Extra Packer | \$ <u> </u> |
| Circ. Sub. | \$ <u> </u> |
| Mileage | \$ <u>50.25</u> |
| Fluid Sampler | \$ <u> </u> |
| Extra Charts | \$ <u> </u> |
| Insurance | \$ <u>50.00</u> |
| TOTAL | \$ <u>800.25</u> |

WESTERN TESTING CO., INC.

Pressure Data

Date 7-12 Recorder No. 2774 Capacity 4500 Test Ticket No. 12175
 Clock No. Elevation 1377 KB Location 4384 Well Temperature 134

| Point | Pressure | Open Tool | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud | <u>2061</u> P.S.I. | | <u>9:45 A.M.</u> | |
| B First Initial Flow Pressure | <u>80</u> P.S.I. | First Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure | <u>80</u> P.S.I. | Initial Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Mins. |
| D Initial Closed-in Pressure | <u>181</u> P.S.I. | Second Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| E Second Initial Flow Pressure | <u>85</u> P.S.I. | Final Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| F Second Final Flow Pressure | <u>87</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>117</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2061</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: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

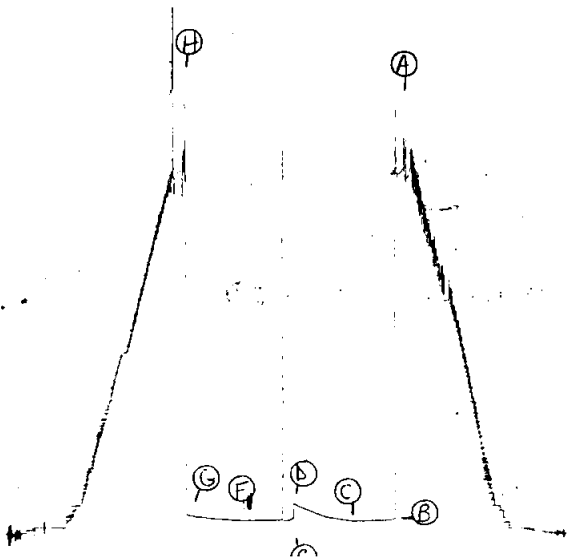
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 16 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 | <u>80</u> | 0 | <u>80</u> | 0 | <u>85</u> | 0 | <u>87</u> |
| P 2 5 | } | 3 | <u>83</u> | 5 | <u>85</u> | 3 | <u>88</u> |
| P 3 10 | | 6 | <u>85</u> | 10 | <u>Flushed 87 Tool</u> | 6 | <u>89</u> |
| P 4 15 | | 9 | <u>89</u> | 15 | <u>87</u> | 9 | <u>90</u> |
| P 5 20 | | 12 | <u>93</u> | 20 | } | 12 | <u>90</u> |
| P 6 25 | | 15 | <u>96</u> | 25 | | 15 | <u>91</u> |
| P 7 30 | <u>80</u> | 18 | <u>100</u> | 30 | <u>87</u> | 18 | <u>92</u> |
| P 8 35 | | 21 | <u>105</u> | 35 | | 21 | <u>94</u> |
| P 9 40 | | 24 | <u>112</u> | 40 | | 24 | <u>96</u> |
| P10 45 | | 27 | <u>123</u> | 45 | | 27 | <u>98</u> |
| P11 50 | | 30 | <u>131</u> | 50 | | 30 | <u>100</u> |
| P12 55 | | 33 | <u>141</u> | 55 | | 33 | <u>103</u> |
| P13 60 | | 36 | <u>150</u> | 60 | | 36 | <u>106</u> |
| P14 | | 39 | <u>160</u> | 65 | | 39 | <u>108</u> |
| P15 | | 42 | <u>172</u> | 70 | | 42 | <u>112</u> |
| P16 | | 45 | <u>181</u> | 75 | | 45 | <u>115</u> |
| P17 | | 48 | | 80 | | 48 | <u>117</u> |
| P18 | | 51 | | 85 | | 51 | |
| P19 | | 54 | | 90 | | 54 | |
| P20 | | 57 | | | | 57 | |
| | | 60 | | | | 60 | |

TRT # 12175
II

1/14



Company A. L. Abercrombie, Inc. Lease & Well No. Slechta #1
 Elevation 1377 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 12175
 Date 7/12/81 Sec. 1 Twp. 30S Range 4W County Sumner State Kansas
 Test Approved by Steven Frankamp Western Representative Robert Davis

Formation Test No. 1 Interval Tested from 4308 ft. to 4398 ft. Total Depth 4398 ft.
 Packer Depth 4308 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4303 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4388 ft. Recorder Number 2774 Cap. 4500
 Bottom Recorder Depth (Outside) 4393 ft. Recorder Number 11018 Cap. 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor DNB Drilling Co Rig #3 Drill Collar Length 309 I. D. - in.
 Mud Type Chemical Viscosity 46 Weight Pipe Length - I. D. - in.
 Weight 9.4 Water Loss 12.8 cc. Drill Pipe Length 4041 I. D. - in.
 Chlorides 7000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make None Serial Number - Anchor Length 90 ft. Size 5 1/2 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: Weak - died 10 minutes into initial flow period. Flushed tool 5 minutes into final flow period. Good surge as tool opened. No blow.

Recovered 15 ft. of drilling mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 9:45 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 12:15 ~~P.M.~~ ^{A.M.} Maximum Temperature 134
 Initial Hydrostatic Pressure (A) 2061 P.S.I.
 Initial Flow Period Minutes 30 (B) 80 P.S.I. to (C) 80 P.S.I.
 Initial Closed In Period Minutes 45 (D) 181 P.S.I.
 Final Flow Period Minutes 30 (E) 85 P.S.I. to (F) 87 P.S.I.
 Final Closed In Period Minutes 48 (G) 117 P.S.I.
 Final Hydrostatic Pressure (H) 2061 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 7/12/81 Test Ticket No. 12175
 Recorder No. 2774 Capacity 4500 Location 4388 Ft.
 Clock No. - Elevation 1377 Kelly Bushing Well Temperature 134 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud | <u>2061</u> P.S.I. | Open Tool | <u>9:45A</u> | <u>M</u> |
| B First Initial Flow Pressure | <u>80</u> P.S.I. | First Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure | <u>80</u> P.S.I. | Initial Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Mins. |
| D Initial Closed-in Pressure | <u>181</u> P.S.I. | Second Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| E Second Initial Flow Pressure | <u>85</u> P.S.I. | Final Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| F Second Final Flow Pressure | <u>87</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>117</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2061</u> P.S.I. | | | |

PRESSURE BREAKDOWN

| Point Mins. | First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | | Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | | Second Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | | Final Shut-In Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | |
|---------------|--|---------------|---|---------------|---|---------------|---|---------------|
| | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes |
| P 1 <u>0</u> | <u>80</u> | <u>0</u> | <u>80</u> | <u>0</u> | <u>85</u> | <u>0</u> | <u>87</u> | <u>0</u> |
| P 2 <u>5</u> | <u>80</u> | <u>3</u> | <u>83</u> | <u>5</u> | <u>85</u> | <u>3</u> | <u>88</u> | <u>3</u> |
| P 3 <u>10</u> | <u>80</u> | <u>6</u> | <u>85</u> | <u>10</u> | <u>87</u> | <u>6</u> | <u>89</u> | <u>6</u> |
| P 4 <u>15</u> | <u>80</u> | <u>9</u> | <u>89</u> | <u>15</u> | <u>87</u> | <u>9</u> | <u>90</u> | <u>9</u> |
| P 5 <u>20</u> | <u>80</u> | <u>12</u> | <u>93</u> | <u>20</u> | <u>87</u> | <u>12</u> | <u>90</u> | <u>12</u> |
| P 6 <u>25</u> | <u>80</u> | <u>15</u> | <u>96</u> | <u>25</u> | <u>87</u> | <u>15</u> | <u>91</u> | <u>15</u> |
| P 7 <u>30</u> | <u>80</u> | <u>18</u> | <u>100</u> | <u>30</u> | <u>87</u> | <u>18</u> | <u>92</u> | <u>18</u> |
| P 8 _____ | | <u>21</u> | <u>105</u> | | | <u>21</u> | <u>94</u> | <u>21</u> |
| P 9 _____ | | <u>24</u> | <u>112</u> | | | <u>24</u> | <u>96</u> | <u>24</u> |
| P10 _____ | | <u>27</u> | <u>123</u> | | | <u>27</u> | <u>98</u> | <u>27</u> |
| P11 _____ | | <u>30</u> | <u>131</u> | | | <u>30</u> | <u>100</u> | <u>30</u> |
| P12 _____ | | <u>33</u> | <u>141</u> | | | <u>33</u> | <u>103</u> | <u>33</u> |
| P13 _____ | | <u>36</u> | <u>150</u> | | | <u>36</u> | <u>106</u> | <u>36</u> |
| P14 _____ | | <u>39</u> | <u>160</u> | | | <u>39</u> | <u>108</u> | <u>39</u> |
| P15 _____ | | <u>42</u> | <u>172</u> | | | <u>42</u> | <u>112</u> | <u>42</u> |
| P16 _____ | | <u>45</u> | <u>181</u> | | | <u>45</u> | <u>115</u> | <u>45</u> |
| P17 _____ | | | | | | <u>48</u> | <u>117</u> | <u>48</u> |
| P18 _____ | | | | | | | | |
| P19 _____ | | | | | | | | |
| P20 _____ | | | | | | | | |



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO 7826

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

Elevation 13776.1 Formation Simp. Eff. Pay Ft.

District Augusta Date 7-13-81 Customer Order No.

COMPANY NAME A.L. Abercrombie Inc.

ADDRESS 801 Union Center Wichita, Ks 67202

LEASE AND WELL NO. Slechta #1 COUNTY Sumner STATE Ks Sec. 1 Twp 30 Rge 4 W

Mail Invoice To Same Co. Name Address No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 2 Interval Tested from 4308 ft. to 4402 ft. Total Depth 4402 ft.

Packer Depth 4308 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4303 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4397 ft. Recorder Number 2774 Cap. 4500

Bottom Recorder Depth (Outside) 4392 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor D.N.B. Drilling Co. Drill Collar Length 247 I. D. in.

Mud Type Chem Viscosity 40 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 120 cc. Drill Pipe Length 4103 I. D. in.

Chlorides 2000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make None Serial Number Anchor Length 94 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 1/2 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak, died 15 min into 1st opening V.T.P.

Recovered 5 ft. of Drilling Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 10:00 7:12 A.M. P.M. Time Pick Up Tool 10:00 A.M. P.M. Time Off Location A.M. P.M.

Time Set Packer(s) 1:00 7:13 A.M. P.M. Time Started Off Bottom 4:00 A.M. P.M. Maximum Temperature 134 degrees

Initial Hydrostatic Pressure (A) 2109 P.S.I.

Initial Flow Period Minutes 30 (B) 68 P.S.I. to (C) 68 P.S.I.

Initial Closed In Period Minutes 45 (D) 326 P.S.I.

Final Flow Period Minutes 60 (E) 68 P.S.I. to (F) 68 P.S.I.

Final Closed In Period Minutes 45 (G) 113 P.S.I.

Final Hydrostatic Pressure (H) 2109 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 Steven Frankamp Signature of Customer or his authorized representative

Western Representative Robert Davis

FIELD INVOICE

Table with 2 columns: Item and Amount. Items include Open Hole Test (\$700.00), Mileage (\$50.25), and TOTAL (\$750.25).

WESTERN TESTING CO., INC.

Pressure Data

Date 7-13 Test Ticket No. 7826
 Recorder No. 2774 Capacity 4500 Location 4397 Ft
 Clock No. Elevation 1377 Well Temperature 134 °F

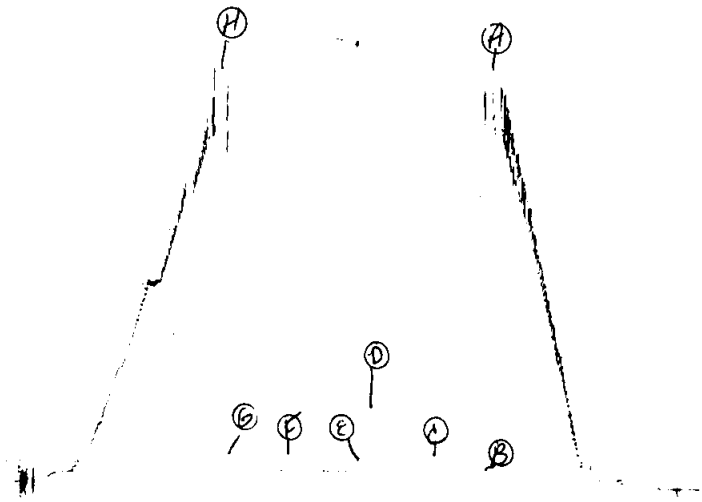
| Point | Pressure | Time Given | Time Computed |
|--------------------------------|--------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud | <u>2043</u> P.S.I. | <u>1:00 A</u> M | |
| B First Initial Flow Pressure | <u>85</u> P.S.I. | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure | <u>85</u> P.S.I. | <u>45</u> Mins. | <u>48</u> Mins. |
| D Initial Closed-in Pressure | <u>337</u> P.S.I. | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>85</u> P.S.I. | <u>45</u> Mins. | <u>48</u> Mins. |
| F Second Final Flow Pressure | <u>85</u> P.S.I. | | |
| G Final Closed-in Pressure | <u>123</u> P.S.I. | | |
| H Final Hydrostatic Mud | <u>2011</u> P.S.I. | | |

PRESSURE BREAKDOWN

| Point Mins. | First Flow Pressure Breakdown: | Initial Shut-In Breakdown: | Second Flow Pressure Breakdown: | Final Shut-In Breakdown: | | | |
|-------------|---|--|--|--|-----------|---------------|------------|
| | <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | | | |
| | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | <u>85</u> | <u>0</u> | <u>85</u> | <u>0</u> | <u>85</u> | <u>0</u> | <u>85</u> |
| P 2 | | <u>3</u> | <u>85</u> | <u>5</u> | <u>85</u> | <u>3</u> | <u>85</u> |
| P 3 | | <u>6</u> | <u>85</u> | <u>10</u> | <u>85</u> | <u>6</u> | <u>85</u> |
| P 4 | | <u>9</u> | <u>89</u> | <u>15</u> | | <u>9</u> | <u>86</u> |
| P 5 | | <u>12</u> | <u>92</u> | <u>20</u> | | <u>12</u> | <u>87</u> |
| P 6 | | <u>15</u> | <u>97</u> | <u>25</u> | | <u>15</u> | <u>89</u> |
| P 7 | <u>85</u> | <u>18</u> | <u>107</u> | <u>30</u> | | <u>18</u> | <u>92</u> |
| P 8 | | <u>21</u> | <u>121</u> | <u>35</u> | | <u>21</u> | <u>94</u> |
| P 9 | | <u>24</u> | <u>134</u> | <u>40</u> | | <u>24</u> | <u>96</u> |
| P10 | | <u>27</u> | <u>154</u> | <u>45</u> | | <u>27</u> | <u>100</u> |
| P11 | | <u>30</u> | <u>179</u> | <u>50</u> | | <u>30</u> | <u>104</u> |
| P12 | | <u>33</u> | <u>205</u> | <u>55</u> | | <u>33</u> | <u>107</u> |
| P13 | | <u>36</u> | <u>234</u> | <u>60</u> | <u>85</u> | <u>36</u> | <u>112</u> |
| P14 | | <u>39</u> | <u>261</u> | <u>65</u> | | <u>39</u> | <u>115</u> |
| P15 | | <u>42</u> | <u>292</u> | <u>70</u> | | <u>42</u> | <u>118</u> |
| P16 | | <u>45</u> | <u>324</u> | <u>75</u> | | <u>45</u> | <u>121</u> |
| P17 | | <u>48</u> | <u>337</u> | <u>80</u> | | <u>48</u> | <u>123</u> |
| P18 | | <u>51</u> | | <u>85</u> | | <u>51</u> | |
| P19 | | <u>54</u> | | <u>90</u> | | <u>54</u> | |
| P20 | | <u>57</u> | | | | <u>57</u> | |
| | | <u>60</u> | | | | <u>60</u> | |

P. 51
4112

TKT # 7826
I



Company A. L. Abercrombie, Inc. Lease & Well No. Slechta #1
 Elevation 1377 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 7826
 Date 7/13/81 Sec. 1 Twp. 30S Range 4W County Sumner State Kansas
 Test Approved by Steve Frankamp Western Representative Robert Davis

Formation Test No. 2 Interval Tested from 4308 ft. to 4402 ft. Total Depth 4402 ft.
 Packer Depth 4308 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4303 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4397 ft. Recorder Number 2774 Cap. 4500
 Bottom Recorder Depth (Outside) 4392 ft. Recorder Number 11018 Cap. 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor D.N.B. Drilling Co. Drill Collar Length 247 I. D. 2.5 in.
 Mud Type chemical Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 12.0 cc. Drill Pipe Length 4103 I. D. - in.
 Chlorides 7,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number - Anchor Length 94 ft. Size 5 1/2 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; died fifteen minutes into initial flow period.

Recovered 5 ft. of drilling mud
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____
 Recovered _____ ft. of _____

Remarks: _____

| | | | | | | | |
|------------------------------|-------------|-----------------|-------------------------|-------------|-----------------|---------------------|--------------------------------|
| Time Set Packer(s) | <u>1:00</u> | <u>A.M.</u> | Time Started Off Bottom | <u>4:00</u> | <u>A.M.</u> | Maximum Temperature | <u>134°</u> |
| Initial Hydrostatic Pressure | | P.M. | | <u>2043</u> | P.M. | | |
| Initial Flow Period | | | Minutes | <u>30</u> | | <u>85</u> | <u>85</u> P.S.I. |
| Initial Closed In Period | | | Minutes | <u>48</u> | | <u>337</u> | P.S.I. to (C) _____ P.S.I. |
| Final Flow Period | | | Minutes | <u>60</u> | | <u>85</u> | P.S.I. to (F) <u>85</u> P.S.I. |
| Final Closed In Period | | | Minutes | <u>48</u> | | <u>123</u> | P.S.I. |
| Final Hydrostatic Pressure | | | | <u>2011</u> | | | P.S.I. |

WESTERN TESTING CO., INC.
Pressure Data

Date 7/13/81

Test Ticket No. 7826

Recorder No. 2774 Capacity 4500

Location 4397 Ft.

Clock No. -- Elevation 1377 Ground Level

Well Temperature 134 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|-----------------|-----------------|
| A Initial Hydrostatic Mud | <u>2043</u> P.S.I. | Open Tool | <u>1:00A</u> | |
| B First Initial Flow Pressure | <u>85</u> P.S.I. | First Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure | <u>85</u> P.S.I. | Initial Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| D Initial Closed-in Pressure | <u>337</u> P.S.I. | Second Flow Pressure | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>85</u> P.S.I. | Final Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| F Second Final Flow Pressure | <u>85</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>123</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2011</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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 16 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>85</u> | <u>0</u> | <u>85</u> | <u>0</u> | <u>85</u> | <u>0</u> | <u>85</u> |
| P 2 <u>5</u> | <u>85</u> | <u>3</u> | <u>85</u> | <u>5</u> | <u>85</u> | <u>3</u> | <u>85</u> |
| P 3 <u>10</u> | <u>85</u> | <u>6</u> | <u>85</u> | <u>10</u> | <u>85</u> | <u>6</u> | <u>85</u> |
| P 4 <u>15</u> | <u>85</u> | <u>9</u> | <u>89</u> | <u>15</u> | <u>85</u> | <u>9</u> | <u>86</u> |
| P 5 <u>20</u> | <u>85</u> | <u>12</u> | <u>92</u> | <u>20</u> | <u>85</u> | <u>12</u> | <u>87</u> |
| P 6 <u>25</u> | <u>85</u> | <u>15</u> | <u>97</u> | <u>25</u> | <u>85</u> | <u>15</u> | <u>89</u> |
| P 7 <u>30</u> | <u>85</u> | <u>18</u> | <u>107</u> | <u>30</u> | <u>85</u> | <u>18</u> | <u>92</u> |
| P 8 | | <u>21</u> | <u>121</u> | <u>35</u> | <u>85</u> | <u>21</u> | <u>94</u> |
| P 9 | | <u>24</u> | <u>134</u> | <u>40</u> | <u>85</u> | <u>24</u> | <u>96</u> |
| P10 | | <u>27</u> | <u>154</u> | <u>45</u> | <u>85</u> | <u>27</u> | <u>100</u> |
| P11 | | <u>30</u> | <u>179</u> | <u>50</u> | <u>85</u> | <u>30</u> | <u>104</u> |
| P12 | | <u>33</u> | <u>205</u> | <u>55</u> | <u>85</u> | <u>33</u> | <u>107</u> |
| P13 | | <u>36</u> | <u>234</u> | <u>60</u> | <u>85</u> | <u>36</u> | <u>112</u> |
| P14 | | <u>39</u> | <u>261</u> | | | <u>39</u> | <u>115</u> |
| P15 | | <u>42</u> | <u>292</u> | | | <u>42</u> | <u>118</u> |
| P16 | | <u>45</u> | <u>324</u> | | | <u>45</u> | <u>121</u> |
| P17 | | <u>48</u> | <u>337</u> | | | <u>48</u> | <u>123</u> |
| P18 | | | | | | | |
| P19 | | | | | | | |
| P20 | | | | | | | |



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO

7827

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

Elevation 1377 G.L. Formation Simp. Bff. Pay Ft.

District Augusta Date 7-13-81 Customer Order No.

COMPANY NAME A.L. Abercrombie Inc.

ADDRESS 801 Union Center Wichita, Ks. 67202

LEASE AND WELL NO. Slechta #1 COUNTY Sumner STATE Ks Sec 1 Twp 30 Rge 4 W

Mail Invoice To Same Co. Name Address No. Copies Requested 1

Mail Charts To Same Address No. Copies Requested 5

Formation Test No. 3 Interval Tested from 4307 ft. to 4410 ft. Total Depth 4410 ft.

Packer Depth 4307 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 4302 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 4400 ft. Recorder Number 2774 Cap. 4500

Bottom Recorder Depth (Outside) 4405 ft. Recorder Number 11018 Cap. 4425

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor DNB Drilling Co. #3 Drill Collar Length 247 I. D. in.

Mud Type Chem Viscosity HH Weight Pipe Length I. D. in.

Weight 9.0 Water Loss 14.4 cc. Drill Pipe Length 4103 I. D. in.

Chlorides 8,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.

Jars: Make None Serial Number Anchor Length 103 ft. Size 5 1/2 in.

Did Well Flow? No Reversed Out No Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 3/8 in. Tool Joint Size 4 1/2 x H in.

Blow: Weak 1" throughout 1st opening, 5 min into opening weak blow. No blow 2nd opening, flushed tool.

Recovered 260 ft. of Drilling Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location 3:00 7-13 P.M. Time Pick Up Tool 4:45 P.M. Time Off Location 1:30 7-14 A.M.

Time Set Packer(s) 6:45 P.M. Time Started Off Bottom 9:45 A.M. Maximum Temperature 135°

Initial Hydrostatic Pressure (A) 2086 P.S.I.

Initial Flow Period Minutes 30 (B) 90 P.S.I. to (C) 102 P.S.I.

Initial Closed In Period Minutes 45 (D) 1495 P.S.I.

Final Flow Period Minutes 60 (E) 159 P.S.I. to (F) 181 P.S.I.

Final Closed In Period Minutes 45 (G) 1484 P.S.I.

Final Hydrostatic Pressure (H) 2086 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 [Signature] Signature of Customer or his authorized representative

Western Representative [Signature] Robert Davis

FIELD INVOICE

Table with 2 columns: Item and Price. Items include Open Hole Test (\$700.00), Mileage (\$50.25), and TOTAL (\$750.25).

WESTERN TESTING CO., INC.

Pressure Data

Date 7-13 Test Ticket No. 7827
 Recorder No. 2774 Capacity 4500 Location 4400
 Clock No. _____ Elevation 1377 Well Temperature 135

| Point | Pressure | Open Tool | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|-----------------|----------------|
| A Initial Hydrostatic Mud | <u>2086</u> P.S.I. | | <u>6:45</u> P | |
| B First Initial Flow Pressure | <u>100</u> P.S.I. | First Flow Pressure | <u>30</u> Mins. | <u>30</u> Min. |
| C First Final Flow Pressure | <u>123</u> P.S.I. | Initial Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Min. |
| D Initial Closed-in Pressure | <u>1482</u> P.S.I. | Second Flow Pressure | <u>60</u> Mins. | <u>65</u> Min. |
| E Second Initial Flow Pressure | <u>152</u> P.S.I. | Final Closed-in Pressure | <u>45</u> Mins. | <u>45</u> Min. |
| F Second Final Flow Pressure | <u>194</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>1464</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2086</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: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 13 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

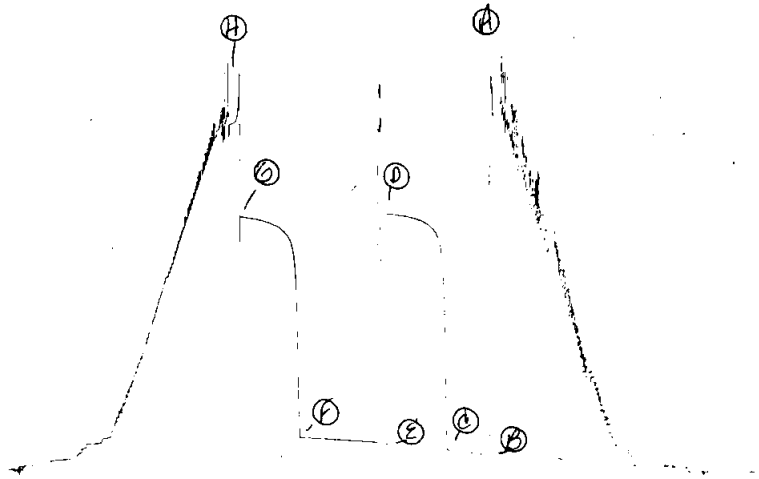
Final Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

| Point Mins. | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
|---------------|------------|---------------|-------------|---------------|---------------------|---------------|-------------|
| P 1 <u>0</u> | <u>100</u> | <u>0</u> | <u>123</u> | <u>0</u> | <u>152</u> | <u>0</u> | <u>194</u> |
| P 2 <u>5</u> | <u>100</u> | <u>3</u> | <u>1060</u> | <u>5</u> | <u>Flushed Tool</u> | <u>3</u> | <u>873</u> |
| P 3 <u>10</u> | <u>103</u> | <u>6</u> | <u>1313</u> | <u>10</u> | <u>167</u> | <u>6</u> | <u>1247</u> |
| P 4 <u>15</u> | <u>109</u> | <u>9</u> | <u>1373</u> | <u>15</u> | <u>171</u> | <u>9</u> | <u>1333</u> |
| P 5 <u>20</u> | <u>116</u> | <u>12</u> | <u>1402</u> | <u>20</u> | <u>174</u> | <u>12</u> | <u>1367</u> |
| P 6 <u>25</u> | <u>118</u> | <u>15</u> | <u>1420</u> | <u>25</u> | <u>175</u> | <u>15</u> | <u>1389</u> |
| P 7 <u>30</u> | <u>123</u> | <u>18</u> | <u>1436</u> | <u>30</u> | <u>179</u> | <u>18</u> | <u>1407</u> |
| P 8 <u>35</u> | | <u>21</u> | <u>1447</u> | <u>35</u> | <u>182</u> | <u>21</u> | <u>1418</u> |
| P 9 <u>40</u> | | <u>24</u> | <u>1456</u> | <u>40</u> | <u>185</u> | <u>24</u> | <u>1429</u> |
| P10 <u>45</u> | | <u>27</u> | <u>1462</u> | <u>45</u> | <u>187</u> | <u>27</u> | <u>1436</u> |
| P11 <u>50</u> | | <u>30</u> | <u>1467</u> | <u>50</u> | <u>188</u> | <u>30</u> | <u>1443</u> |
| P12 <u>55</u> | | <u>33</u> | <u>1471</u> | <u>55</u> | <u>191</u> | <u>33</u> | <u>1449</u> |
| P13 <u>60</u> | | <u>36</u> | <u>1473</u> | <u>60</u> | <u>193</u> | <u>36</u> | <u>1452</u> |
| P14 | | <u>39</u> | <u>1477</u> | <u>65</u> | <u>194</u> | <u>39</u> | <u>1456</u> |
| P15 | | <u>42</u> | <u>1480</u> | <u>70</u> | | <u>42</u> | <u>1460</u> |
| P16 | | <u>45</u> | <u>1482</u> | <u>75</u> | | <u>45</u> | <u>1464</u> |
| P17 | | <u>48</u> | | <u>80</u> | | <u>48</u> | |
| P18 | | <u>51</u> | | <u>85</u> | | <u>51</u> | |
| P19 | | <u>54</u> | | <u>90</u> | | <u>54</u> | |
| P20 | | <u>57</u> | | | | <u>57</u> | |
| | | <u>60</u> | | | | <u>60</u> | |

TKT # 7827

~~II~~

457 41.1.7



Company A. L. Abercrombie, Inc. Lease & Well No. Slechta #1
 Elevation 1377 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 7827
 Date 7/13/81 Sec. 1 Twp. 30S Range 4W County Sumner State Kansas
 Test Approved by Steve Frankamp Western Representative Robert Davis

Formation Test No. 3 Interval Tested from 4307 ft. to 4410 ft. Total Depth 4410 ft.
 Packer Depth 4307 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4302 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 4400 ft. Recorder Number 2774 Cap 4500
 Bottom Recorder Depth (Outside) 4405 ft. Recorder Number 11018 Cap 4425
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor D.N.B. Drilling Co. Rig #3 Drill Collar Length 247 I. D. - in.
 Mud Type chemical viscosity 44 Weight Pipe Length - I. D. - in.
 Weight 9.0 Water Loss 14.4 cc. Drill Pipe Length 4103 I. D. - in.
 Chlorides 8,000 P.P.M. Test Tool Length 21 ft. Tool Size 5 1/2 in.
 Jars: Make No Serial Number No Anchor Length 103 ft. Size 5 1/2 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: Weak one inch throughout initial flow period. No blow final flow period; flushed tool five minutes into opening weak blow.

Recovered 260 ft. of drilling mud
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 6:45 ~~A.M.~~ P.M. Time Started Off Bottom 9:45 A.M. P.M. Maximum Temperature 135°
 Initial Hydrostatic Pressure 2086 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 100 P.S.I. to (C) 123 P.S.I.
 Initial Closed In Period 45 Minutes (D) 1482 P.S.I.
 Final Flow Period 65 Minutes (E) 152 P.S.I. to (F) 194 P.S.I.
 Final Closed In Period 45 Minutes (G) 1464 P.S.I.
 Final Hydrostatic Pressure 2086 P.S.I. (H)

WESTERN TESTING CO., INC.

Pressure Data

Date 7/13/81 Recorder No. 2774 Capacity 4500 Test Ticket No. 7827
 Location 4400 Ft. Elevation 1377 Ground Level Well Temperature 135 °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|----------|--------|------------|---------------|
| A Initial Hydrostatic Mud | 2086 | P.S.I. | 6:45P | M |
| B First Initial Flow Pressure | 100 | P.S.I. | 30 | 30 Mins. |
| C First Final Flow Pressure | 123 | P.S.I. | 45 | 45 Mins. |
| D Initial Closed-in Pressure | 1482 | P.S.I. | 60 | 65 Mins. |
| E Second Initial Flow Pressure | 152 | P.S.I. | 45 | 45 Mins. |
| F Second Final Flow Pressure | 194 | P.S.I. | | |
| G Final Closed-in Pressure | 1464 | P.S.I. | | |
| H Final Hydrostatic Mud | 2086 | P.S.I. | | |

PRESSURE BREAKDOWN

| | | | |
|--|---|--|---|
| First Flow Pressure Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | Initial Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | Second Flow Pressure Breakdown: <u>13</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | Final Shut-In Breakdown: <u>15</u> Inc. of <u>3</u> mins. and a 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 | 100 | 0 | 123 | 0 | 152 | 0 | 194 | 0 |
| P 2 | 100 | 3 | 1060 | 5 | FLUSHED TOOL | 3 | 873 | 3 |
| P 3 | 103 | 6 | 1313 | 10 | 167 | 6 | 1247 | 6 |
| P 4 | 109 | 9 | 1373 | 15 | 171 | 9 | 1333 | 9 |
| P 5 | 116 | 12 | 1402 | 20 | 174 | 12 | 1367 | 12 |
| P 6 | 118 | 15 | 1420 | 25 | 175 | 15 | 1389 | 15 |
| P 7 | 123 | 18 | 1436 | 30 | 179 | 18 | 1407 | 18 |
| P 8 | | 21 | 1447 | 35 | 182 | 21 | 1418 | 21 |
| P 9 | | 24 | 1456 | 40 | 185 | 24 | 1429 | 24 |
| P10 | | 27 | 1462 | 45 | 187 | 27 | 1436 | 27 |
| P11 | | 30 | 1467 | 50 | 188 | 30 | 1443 | 30 |
| P12 | | 33 | 1471 | 55 | 191 | 33 | 1449 | 33 |
| P13 | | 36 | 1473 | 60 | 193 | 36 | 1452 | 36 |
| P14 | | 39 | 1477 | 65 | 194 | 39 | 1456 | 39 |
| P15 | | 42 | 1480 | | | 42 | 1460 | 42 |
| P16 | | 45 | 1482 | | | 45 | 1464 | 45 |
| P17 | | | | | | | | |
| P18 | | | | | | | | |
| P19 | | | | | | | | |
| P20 | | | | | | | | |



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 7864

JH

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

Elevation 1377 Formation _____ Eff. Pay _____ Ft.

District Augusta Date 7-14-81 Customer Order No. _____

COMPANY NAME A.L. Aberg & Rombic, Inc.

ADDRESS 501 Union Center Wichita Ks 67202

LEASE AND WELL NO. Slecht #1 COUNTY SUMNER STATE KS Sec. 1 Twp 30 Rge 4W

Mail Invoice To _____ Co. Name _____ Address _____ No. Copies Requested _____

Mail Charts To _____ Co. Name _____ Address _____ No. Copies Requested _____

Formation Test No. 4 Interval Tested from 4401 ft. to 4417 ft. Total Depth 4417 ft.

Packer Depth 4401 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Packer Depth 4396 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 4406 ft. Recorder Number 2605 Cap. 4150

Bottom Recorder Depth (Outside) 4409 ft. Recorder Number 10970 Cap. 4100

Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

Drilling Contractor D.B. & H Rig #3 Drill Collar Length 248 I. D. 2.25 in.

Mud Type Chemical Viscosity 57 Weight Pipe Length _____ I. D. _____ in.

Weight 9.1 Water Loss 32.0 cc. Drill Pipe Length 4132 I. D. 3.25 in.

Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size _____ in.

Jars: Make NO Serial Number _____ Anchor Length 16 ft. Size _____ in.

Did Well Flow? _____ 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 x 110 in.

Blow: STRONG

Recovered 1350 ft. of VERY SLIGHTY GAS & OIL CUT SALT WATER

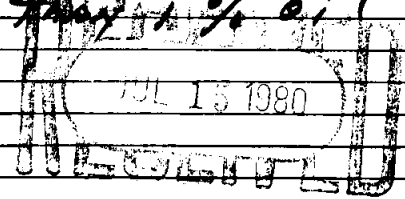
Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Recovered _____ ft. of _____

Remarks: _____



Time On Location 10:30 A.M. Time Pick Up Tool 10:35 A.M. Time Off Location _____ A.M.

Time Set Packer(s) 12:33 P.M. Time Started Off Bottom 3:33 P.M. Maximum Temperature _____

Initial Hydrostatic Pressure _____ (A) 2121 P.S.I.

Initial Flow Period _____ Minutes 30 (B) 73 P.S.I. to (C) 243 P.S.I.

Initial Closed In Period _____ Minutes 45 (D) 1493 P.S.I.

Final Flow Period _____ Minutes 60 (E) 349 P.S.I. to (F) 591 P.S.I.

Final Closed In Period _____ Minutes 45 (G) 1472 P.S.I.

Final Hydrostatic Pressure _____ (H) 2048 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 Steven Frankamp
Signature of Customer or his authorized representative

Western Representative James Ricketts

Thank You

FIELD INVOICE

| | |
|----------------|------------------|
| Open Hole Test | \$ <u>700.00</u> |
| Misrun | \$ _____ |
| Straddle Test | \$ _____ |
| Jars | \$ _____ |
| Selective Zone | \$ _____ |
| Safety Joint | \$ _____ |
| Standby | \$ _____ |
| Evaluation | \$ _____ |
| Extra Packer | \$ _____ |
| Circ. Sub. | \$ _____ |
| 67 Mileage | \$ <u>50.25</u> |
| Fluid Sampler | \$ _____ |
| Extra Charts | \$ _____ |
| Insurance | \$ _____ |
| TOTAL | \$ <u>750.25</u> |

WESTERN TESTING CO., INC.

Pressure Data

Date 7-14 Test Ticket No. 7864
 Recorder No. 2605 Capacity 4150 Location 4406 Ft
 Clock No. Elevation 1377 KB 22 Well Temperature °F

| Point | Pressure | Open Tool | Time Given | Time Computed |
|--------------------------------|--------------------|----------------------------|------------------|-----------------|
| A Initial Hydrostatic Mud | <u>2153</u> P.S.I. | | <u>12:33 P</u> M | |
| B First Initial Flow Pressure | <u>84</u> P.S.I. | First Flow Pressure | <u>30</u> Mins. | <u>30</u> Mins. |
| C First Final Flow Pressure | <u>280</u> P.S.I. | Initial Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| D Initial Closed-in Pressure | <u>1491</u> P.S.I. | Second Flow Pressure | <u>60</u> Mins. | <u>60</u> Mins. |
| E Second Initial Flow Pressure | <u>347</u> P.S.I. | Final Closed-in Pressure | <u>45</u> Mins. | <u>48</u> Mins. |
| F Second Final Flow Pressure | <u>595</u> P.S.I. | | | |
| G Final Closed-in Pressure | <u>1477</u> P.S.I. | | | |
| H Final Hydrostatic Mud | <u>2048</u> P.S.I. | | | |

PRESSURE BREAKDOWN

| Point Mins. | First Flow Pressure | Initial Shut-In | Second Flow Pressure | Final Shut-In | | | |
|-------------|--|---|---|---|------------|---------------|-------------|
| | Breakdown: <u>6</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | Breakdown: <u>12</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min. | Breakdown: <u>16</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min. | | | |
| | Press. | Point Minutes | Press. | Point Minutes | Press. | Point Minutes | Press. |
| P 1 | <u>84</u> | <u>0</u> | <u>280</u> | <u>0</u> | <u>347</u> | <u>0</u> | <u>595</u> |
| P 2 | <u>99</u> | <u>3</u> | <u>1275</u> | <u>5</u> | <u>347</u> | <u>3</u> | <u>1311</u> |
| P 3 | <u>137</u> | <u>6</u> | <u>1384</u> | <u>10</u> | <u>358</u> | <u>6</u> | <u>1381</u> |
| P 4 | <u>176</u> | <u>9</u> | <u>1417</u> | <u>15</u> | <u>377</u> | <u>9</u> | <u>1408</u> |
| P 5 | <u>212</u> | <u>12</u> | <u>1438</u> | <u>20</u> | <u>402</u> | <u>12</u> | <u>1427</u> |
| P 6 | <u>246</u> | <u>15</u> | <u>1450</u> | <u>25</u> | <u>428</u> | <u>15</u> | <u>1436</u> |
| P 7 | <u>280</u> | <u>18</u> | <u>1467</u> | <u>30</u> | <u>451</u> | <u>18</u> | <u>1450</u> |
| P 8 | | <u>21</u> | <u>1473</u> | <u>35</u> | <u>475</u> | <u>21</u> | <u>1456</u> |
| P 9 | | <u>24</u> | <u>1477</u> | <u>40</u> | <u>498</u> | <u>24</u> | <u>1460</u> |
| P 10 | | <u>27</u> | <u>1479</u> | <u>45</u> | <u>523</u> | <u>27</u> | <u>1465</u> |
| P 11 | | <u>30</u> | <u>1481</u> | <u>50</u> | <u>548</u> | <u>30</u> | <u>1467</u> |
| P 12 | | <u>33</u> | <u>1483</u> | <u>55</u> | <u>570</u> | <u>33</u> | <u>1469</u> |
| P 13 | | <u>36</u> | <u>1485</u> | <u>60</u> | <u>595</u> | <u>36</u> | <u>1471</u> |
| P 14 | | <u>39</u> | <u>1487</u> | <u>65</u> | | <u>39</u> | <u>1473</u> |
| P 15 | | <u>42</u> | <u>1489</u> | <u>70</u> | | <u>42</u> | <u>1474</u> |
| P 16 | | <u>45</u> | <u>1490</u> | <u>75</u> | | <u>45</u> | <u>1475</u> |
| P 17 | | <u>48</u> | <u>1491</u> | <u>80</u> | | <u>48</u> | <u>1477</u> |
| P 18 | | <u>51</u> | | <u>85</u> | | <u>51</u> | |
| P 19 | | <u>54</u> | | <u>90</u> | | <u>54</u> | |
| P 20 | | <u>57</u> | | | | <u>57</u> | |
| | | <u>60</u> | | | | <u>60</u> | |

Company A. L. Abercrombie, Inc. Lease & Well No. Slechta #1
 Elevation 1377 Ground Level Formation Simpson Effective Pay - Ft. Ticket No. 7864
 Date 7/14/81 Sec. 1 Twp. 30S Range 4W County Sumner State Kansas
 Test Approved by Steve Frankamp Western Representative James Ricketts

Formation Test No. 4 Interval Tested from 4401 ft. to 4417 ft. Total Depth 4417 ft.
 Packer Depth 4401 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 4396 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 4406 ft. Recorder Number 2605 Cap 4150
 Bottom Recorder Depth (Outside) 4409 ft. Recorder Number 10970 Cap 4100
 Below Straddle Recorder Depth - ft. Recorder Number - Cap -

Drilling Contractor D.N.B. Drlg. Rig #3 Drill Collar Length 248 I. D. 2.25 in.
 Mud Type chemical Viscosity 57 Weight Pipe Length - I. D. - in.
 Weight 9.1 Water Loss 32.0 cc. Drill Pipe Length 4132 I. D. 3.25 in.
 Chlorides 14,000 P.P.M. Test Tool Length 21 ft. Tool Size - in.
 Jars: Make No Serial Number - Anchor Length 16 ft. Size - in.
 Did Well Flow? - 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 XH in.

Blow: Strong.

Recovered 1350 ft. of very slightly gas and oil cut salt water
 Recovered - ft. of Less than 1% oil
 Recovered - ft. of -
 Recovered - ft. of -
 Recovered - ft. of -

Remarks: -

Time Set Packer(s) 12:33 A.M. P.M. Time Started Off Bottom 3:33 A.M. P.M. Maximum Temperature ?
 Initial Hydrostatic Pressure (A) 2153 P.S.I.
 Initial Flow Period Minutes 30 (B) 84 P.S.I. to (C) 280 P.S.I.
 Initial Closed In Period Minutes 48 (D) 1491 P.S.I.
 Final Flow Period Minutes 60 (E) 347 P.S.I. to (F) 595 P.S.I.
 Final Closed In Period Minutes 48 (G) 1477 P.S.I.
 Final Hydrostatic Pressure (H) 2048 P.S.I.

WESTERN TESTING CO., INC.
Pressure Data

Date 7/14/81 Recorder No. 2605 Capacity 4150 Test Ticket No. 7864
 Clock No. -- Elevation 1377 Ground Level Location 4406 Ft. Well Temperature - °F

| Point | Pressure | | Time Given | Time Computed |
|--------------------------------|-------------|--------|---------------|---------------|
| A Initial Hydrostatic Mud | <u>2153</u> | P.S.I. | <u>12:33P</u> | <u>M</u> |
| B First Initial Flow Pressure | <u>84</u> | P.S.I. | <u>30</u> | <u>30</u> |
| C First Final Flow Pressure | <u>280</u> | P.S.I. | <u>45</u> | <u>48</u> |
| D Initial Closed-in Pressure | <u>1491</u> | P.S.I. | <u>60</u> | <u>60</u> |
| E Second Initial Flow Pressure | <u>347</u> | P.S.I. | <u>45</u> | <u>48</u> |
| F Second Final Flow Pressure | <u>595</u> | P.S.I. | | |
| G Final Closed-in Pressure | <u>1477</u> | P.S.I. | | |
| H Final Hydrostatic Mud | <u>2048</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: 16 Inc.
of 3 mins. and a
final inc. of 0 Min.

Second Flow Pressure
Breakdown: 12 Inc.
of 5 mins. and a
final inc. of 0 Min.

Final Shut-In
Breakdown: 16 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>84</u> | <u>0</u> | <u>280</u> | <u>0</u> | <u>347</u> | <u>0</u> | <u>595</u> |
| P 2 <u>5</u> | <u>99</u> | <u>3</u> | <u>1275</u> | <u>5</u> | <u>347</u> | <u>3</u> | <u>1311</u> |
| P 3 <u>10</u> | <u>137</u> | <u>6</u> | <u>1384</u> | <u>10</u> | <u>358</u> | <u>6</u> | <u>3181</u> |
| P 4 <u>15</u> | <u>176</u> | <u>9</u> | <u>1417</u> | <u>15</u> | <u>377</u> | <u>9</u> | <u>1408</u> |
| P 5 <u>20</u> | <u>212</u> | <u>12</u> | <u>1438</u> | <u>20</u> | <u>402</u> | <u>12</u> | <u>1427</u> |
| P 6 <u>25</u> | <u>246</u> | <u>15</u> | <u>1450</u> | <u>25</u> | <u>428</u> | <u>15</u> | <u>1436</u> |
| P 7 <u>30</u> | <u>280</u> | <u>18</u> | <u>1467</u> | <u>30</u> | <u>451</u> | <u>18</u> | <u>1450</u> |
| P 8 | | <u>21</u> | <u>1473</u> | <u>35</u> | <u>475</u> | <u>21</u> | <u>1456</u> |
| P 9 | | <u>24</u> | <u>1477</u> | <u>40</u> | <u>498</u> | <u>24</u> | <u>1460</u> |
| P10 | | <u>27</u> | <u>1479</u> | <u>45</u> | <u>523</u> | <u>27</u> | <u>1465</u> |
| P11 | | <u>30</u> | <u>1481</u> | <u>50</u> | <u>548</u> | <u>30</u> | <u>1467</u> |
| P12 | | <u>33</u> | <u>1483</u> | <u>55</u> | <u>570</u> | <u>33</u> | <u>1469</u> |
| P13 | | <u>36</u> | <u>1485</u> | <u>60</u> | <u>595</u> | <u>36</u> | <u>1471</u> |
| P14 | | <u>39</u> | <u>1487</u> | | | <u>39</u> | <u>1473</u> |
| P15 | | <u>42</u> | <u>1489</u> | | | <u>42</u> | <u>1475</u> |
| P16 | | <u>45</u> | <u>1490</u> | | | <u>45</u> | <u>1475</u> |
| P17 | | <u>48</u> | <u>1491</u> | | | <u>48</u> | <u>1477</u> |
| P18 | | | | | | | |
| P19 | | | | | | | |
| P20 | | | | | | | |