



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO: 10560

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

Elevation 2220 KB Formation Miss. Eff. Pay Ft.

District Pratt Date 6-4-81 Customer Order No.

COMPANY NAME Beery Corporation

ADDRESS 970 Fourth Financial Center Wichita, Ks. 67202

LEASE AND WELL NO. B-1 Ward COUNTY Kiowa STATE Ks. Sec. 25 Twp 30S Rge 19W

Mail Invoice To Co. Name Same Address No. Copies Requested 10

Mail Charts To Co. Name Same Address No. Copies Requested 10

Formation Test No. 1 Interval Tested from 5086 ft. to 5111 ft. Total Depth 5111 ft.

Packer Depth 5081 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Packer Depth 5086 ft. Size 6 5/8 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 5089 ft. Recorder Number 1566 Cap. 4300

Bottom Recorder Depth (Outside) 5093 ft. Recorder Number 3086 Cap. 4500

Below Straddle Recorder Depth Recorder Number Cap.

Drilling Contractor Beredus Rig 2 Drill Collar Length I. D. 2.2 in.

Mud Type Chemical Viscosity 43 Weight Pipe Length I. D. in.

Weight 9.2 Water Loss 16.0 cc. Drill Pipe Length I. D. 3.8 in.

Chlorides 16,000 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.

Jars: Make Serial Number Anchor Length 25 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: Fair Building + (stagnant throughout test!)

Recovered 160 ft. of Slightly Oil & gas cut Dalg. mud 5% oil 7% wtr 88% P.M.

Recovered 140 ft. of Heavy Oil & gas cut Dalg. mud 46% oil - 34% wtr. 20% P.M.

Recovered 40 ft. of " " " " " Muddy Salt water w/ 28,000 Chlorides

Recovered 2500 ft. of GGS in pipe

Recovered ft. of

Remarks: Flush tool on Initial open - Found Bubble hose Valve was plugged up.

Time On Location 6:00 A.M. Time Pick Up Tool 6:30 A.M. Time Off Location 7:15 A.M.

Time Set Packer(s) 10:00 P.M. Time Started Off Bottom 3:30 P.M. Maximum Temperature 122%

Initial Hydrostatic Pressure (A) 2482 P.S.I.

Initial Flow Period Minutes 60 (B) 86 P.S.I. to (C) 75 P.S.I.

Initial Closed In Period Minutes 60 (D) 1141 P.S.I.

Final Flow Period Minutes 120 (E) 151 P.S.I. to (F) 140 P.S.I.

Final Closed In Period Minutes 90 (G) 1184 P.S.I.

Final Hydrostatic Pressure (H) 2482 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.

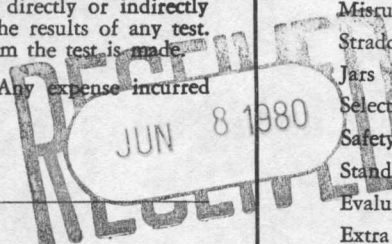
All charges subject to 12% interest after 60 days from date of invoice. Any expense incurred for collection will be added to the original amount.

Test Approved By Tony Kause Signature of Customer or his authorized representative

Western Representative Mike Rojas Thank You!

FIELD INVOICE

Table with 2 columns: Item, Amount. Includes Open Hole Test (\$775.00), Safety Joint (\$65.00), Mileage 45 (\$33.75), and TOTAL (\$873.75).



WESTERN TESTING CO., INC.

Pressure Data

Date _____ Test Ticket No. 10560
 Recorder No. _____ Capacity _____ Location _____ Ft
 Clock No. _____ Elevation _____ Well Temperature _____ °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud _____	P.S.I. _____	Open Tool	_____ M	_____
B First Initial Flow Pressure _____	P.S.I. _____	First Flow Pressure	_____ Mins.	_____ Mins.
C First Final Flow Pressure _____	P.S.I. _____	Initial Closed-in Pressure	_____ Mins.	_____ Mins.
D Initial Closed-in Pressure _____	P.S.I. _____	Second Flow Pressure	_____ Mins.	_____ Mins.
E Second Initial Flow Pressure _____	P.S.I. _____	Final Closed-in Pressure	_____ Mins.	_____ Mins.
F Second Final Flow Pressure _____	P.S.I. _____			
G Final Closed-in Pressure _____	P.S.I. _____			
H Final Hydrostatic Mud _____	P.S.I. _____			

PRESSURE BREAKDOWN

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>63</u>	_____	<u>105</u>	<u>126</u>	<u>63</u>	<u>1073</u>
P 2 _____	_____	<u>66</u>	_____	<u>110</u>	<u>126</u>	<u>66</u>	<u>1088</u>
P 3 _____	_____	<u>69</u>	_____	<u>115</u>	<u>126</u>	<u>69</u>	<u>1094</u>
P 4 _____	_____	<u>72</u>	_____	_____	_____	<u>72</u>	<u>1103</u>
P 5 _____	_____	<u>75</u>	_____	_____	_____	<u>75</u>	<u>1116</u>
P 6 _____	_____	<u>78</u>	_____	_____	_____	<u>78</u>	<u>1133</u>
P 7 _____	_____	<u>81</u>	_____	_____	_____	<u>81</u>	<u>1148</u>
P 8 _____	_____	<u>84</u>	_____	_____	_____	<u>84</u>	<u>1158</u>
P 9 _____	_____	<u>87</u>	_____	_____	_____	<u>87</u>	<u>1167</u>
P10 _____	_____	<u>90</u>	_____	_____	_____	<u>90</u>	<u>1173</u>
P11 _____	_____	<u>93</u>	_____	_____	_____	<u>93</u>	<u>1180</u>
P12 _____	_____	<u>96</u>	_____	_____	_____	<u>96</u>	_____
P13 _____	_____	<u>99</u>	_____	_____	_____	<u>99</u>	_____
P14 _____	_____	<u>102</u>	_____	_____	_____	<u>102</u>	_____
P15 _____	_____	<u>105</u>	_____	_____	_____	<u>105</u>	_____
P16 _____	_____	<u>108</u>	_____	_____	_____	<u>108</u>	_____
P17 _____	_____	<u>111</u>	_____	_____	_____	<u>111</u>	_____
P18 _____	_____	<u>114</u>	_____	_____	_____	<u>114</u>	_____
P19 _____	_____	<u>117</u>	_____	_____	_____	<u>117</u>	_____
P20 _____	_____	<u>120</u>	_____	_____	_____	<u>120</u>	_____

Company Beren Corporation Lease & Well No. Ward "B" #1
 Elevation 2220 Kelly Bushing Formation Mississippi Effective Pay - Ft. Ticket No. 10560
 Date 6/4/81 Sec. 25 Twp. 30S Range 19W County Kiowa State Kansas
 Test Approved by Tony Krouse Western Representative Mike Rogers

Formation Test No. 1 Interval Tested from 5086 ft. to 5111 ft. Total Depth 5111 ft.
 Packer Depth 5081 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 5086 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 5089 ft. Recorder Number 1566 Cap. 4300
 Bottom Recorder Depth (Outside) 5093 ft. Recorder Number 3086 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Beredco Drlg. Rig #2 Drill Collar Length - I. D. 2.2 in.
 Mud Type chemical Viscosity 43 Weight Pipe Length - I. D. - in.
 Weight 9.2 Water Loss 16.0 cc. Drill Pipe Length - I. D. 3.8 in.
 Chlorides 16,000 P.P.M. Test Tool Length 23 ft. Tool Size 5 1/2 in.
 Jars: Make - Serial Number - Anchor Length 25 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: Fair buildint to (strong throughout test)
No gas to surface
 Recovered 2500 ft. of gas in pipe
 Recovered 160 ft. of slightly oil and gas cut drilling mud 5% oil; 7% water; 88% drilling mud
 Recovered 140 ft. of heavy oil and gas cut drilling mud 46% oil; 34% water; 20% drilling mud
 Recovered 40 ft. of heavy oil and gas cut muddy salt water with 28,000 chlorides ppm
 Recovered - ft. of -

Remarks: Flushed tool on initial opening, found bubble hose valve was plugged up.

Time Set Packer(s) 10:00 A.M. P.M. Time Started Off Bottom 3:30 ~~A.M.~~ P.M. Maximum Temperature 122°
 Initial Hydrostatic Pressure (A) 2537 P.S.I.
 Initial Flow Period (B) 60 Minutes (C) 69 P.S.I. to (D) 69 P.S.I.
 Initial Closed In Period (E) 60 Minutes (F) 1124 P.S.I.
 Final Flow Period (G) 115 Minutes (H) 126 P.S.I. to (I) 126 P.S.I.
 Final Closed In Period (J) 93 Minutes (K) 1180 P.S.I.
 Final Hydrostatic Pressure (L) 2469 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/4/81 Test Ticket No. 10560
 Recorder No. 1566 Capacity 4300 Location 5089 Ft.
 Clock No. - Elevation 2220 Kelly Bushing Well Temperature 122 °F

Point	Pressure			Time Given	Time Computed
A Initial Hydrostatic Mud	2537	P.S.I.	Open Tool	10:00A	M
B First Initial Flow Pressure	69	P.S.I.	First Flow Pressure	60	Mins. 60 Mins.
C First Final Flow Pressure	69	P.S.I.	Initial Closed-in Pressure	60	Mins. 60 Mins.
D Initial Closed-in Pressure	1124	P.S.I.	Second Flow Pressure	120	Mins. 115 Mins.
E Second Initial Flow Pressure	126	P.S.I.	Final Closed-in Pressure	90	Mins. 93 Mins.
F Second Final Flow Pressure	126	P.S.I.			
G Final Closed-in Pressure	1180	P.S.I.			
H Final Hydrostatic Mud	2469	P.S.I.			

PRESSURE BREAKDOWN

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

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

Second Flow Pressure
 Breakdown: 23 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 30 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>69</u>	<u>0</u>	<u>69</u>	<u>0</u>	<u>126</u>	<u>0</u>	<u>126</u>
Flushed tool							
P 2 <u>5</u>	<u>69</u>	<u>3</u>	<u>75</u>	<u>5</u>	<u>126</u>	<u>3</u>	<u>138</u>
P 3 <u>10</u>	<u>69</u>	<u>6</u>	<u>95</u>	<u>10</u>	<u>126</u>	<u>6</u>	<u>171</u>
P 4 <u>15</u>	<u>69</u>	<u>9</u>	<u>149</u>	<u>15</u>	<u>126</u>	<u>9</u>	<u>220</u>
P 5 <u>20</u>	<u>69</u>	<u>12</u>	<u>227</u>	<u>20</u>	<u>126</u>	<u>12</u>	<u>283</u>
P 6 <u>25</u>	<u>69</u>	<u>15</u>	<u>316</u>	<u>25</u>	<u>126</u>	<u>15</u>	<u>357</u>
P 7 <u>30</u>	<u>69</u>	<u>18</u>	<u>424</u>	<u>30</u>	<u>126</u>	<u>18</u>	<u>426</u>
P 8 <u>35</u>	<u>69</u>	<u>21</u>	<u>528</u>	<u>35</u>	<u>126</u>	<u>21</u>	<u>498</u>
P 9 <u>40</u>	<u>69</u>	<u>24</u>	<u>616</u>	<u>40</u>	<u>126</u>	<u>24</u>	<u>577</u>
P10 <u>45</u>	<u>69</u>	<u>27</u>	<u>648</u>	<u>45</u>	<u>126</u>	<u>27</u>	<u>648</u>
P11 <u>50</u>	<u>69</u>	<u>30</u>	<u>712</u>	<u>50</u>	<u>126</u>	<u>30</u>	<u>714</u>
P12 <u>55</u>	<u>69</u>	<u>33</u>	<u>804</u>	<u>55</u>	<u>126</u>	<u>33</u>	<u>770</u>
P13 <u>60</u>	<u>69</u>	<u>36</u>	<u>873</u>	<u>60</u>	<u>126</u>	<u>36</u>	<u>822</u>
P14		<u>39</u>	<u>927</u>	<u>65</u>	<u>126</u>	<u>39</u>	<u>867</u>
P15		<u>42</u>	<u>974</u>	<u>70</u>	<u>126</u>	<u>42</u>	<u>903</u>
P16		<u>45</u>	<u>1009</u>	<u>75</u>	<u>126</u>	<u>45</u>	<u>938</u>
P17		<u>48</u>	<u>1045</u>	<u>80</u>	<u>126</u>	<u>48</u>	<u>968</u>
P18		<u>51</u>	<u>1073</u>	<u>85</u>	<u>126</u>	<u>51</u>	<u>994</u>
P19		<u>54</u>	<u>1098</u>	<u>90</u>	<u>126</u>	<u>54</u>	<u>1017</u>
P20		<u>57</u>	<u>1116</u>	<u>95</u>	<u>126</u>	<u>57</u>	<u>1034</u>
WTC - 4		<u>60</u>	<u>1124</u>	<u>100</u>	<u>126</u>	<u>60</u>	<u>1054</u>

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WESTERN TESTING CO., INC.
Pressure Data

Date 6/4/81 Test Ticket No. 10560
 Recorder No. 1566 Capacity 4300 Location 5089 Ft.
 Clock No. - Elevation 2220 Kelly Bushing Well Temperature 122 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2537 P.S.I.	Open Tool	10:00A	M
B First Initial Flow Pressure	69 P.S.I.	First Flow Pressure	60 Mins.	60 Mins.
C First Final Flow Pressure	69 P.S.I.	Initial Closed-in Pressure	60 Mins.	60 Mins.
D Initial Closed-in Pressure	1124 P.S.I.	Second Flow Pressure	120 Mins.	115 Mins.
E Second Initial Flow Pressure	126 P.S.I.	Final Closed-in Pressure	90 Mins.	93 Mins.
F Second Final Flow Pressure	126 P.S.I.			
G Final Closed-in Pressure	1180 P.S.I.			
H Final Hydrostatic Mud	2469 P.S.I.			

PRESSURE BREAKDOWN

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

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

Second Flow Pressure
 Breakdown: 23 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 30 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				105	126	63	1073
P 2				110	126	66	1088
P 3				115	126	69	1094
P 4						72	1103
P 5						75	1116
P 6						78	1133
P 7						81	1148
P 8						84	1158
P 9						87	1167
P10						90	1173
P11						93	1180
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

TKT # 10560
I

1566

