



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No. 8941

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1918 KB Formation Lansing Eff. Pay Ft.

District Pendleton Date 12-20-80 Customer Order No.

COMPANY NAME Pendleton Land & Exploration Inc.

ADDRESS 23 Inverness Way East, Englewood, Co. 80112 1 copy - 915 Olive Canyon Blvd, W. d. 7, 67201

LEASE AND WELL NO. Dietz Trust 1 COUNTY Rush STATE Sec. 22 Twp 16 Rge 16W

Mail Invoice To Same Dietz Trust #1 No. Copies Requested 5

Co. Name Address No. Copies Requested 5

Mail Charts To Address No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3186 ft. to 3240 ft. Total Depth 3240 ft.

Packer Depth 3186 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Packer Depth 3181 ft. Size 6 3/4 in. Packer Depth ft. Size in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3233 ft. Recorder Number 1049 Cap. 3500

Bottom Recorder Depth (Outside) 3236 ft. Recorder Number 1134 Cap. 4500

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Buffalo Dole Drill Collar Length 180' I. D. 2.25 in.

Mud Type Salt-Mud Viscosity 35 Weight Pipe Length 620' I. D. 2.76 in.

Weight 9.4 Water Loss 12.4 cc. Drill Pipe Length 2358 I. D. 3.18 in.

Chlorides 76,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make Jars Serial Number 412 Anchor Length 54 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.

Initial Flow Period Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 IF in.

Blow: 1st Opening - Fair Blow Decreasing to Weak Blow Thru/out

2nd Opening - Weak Blow Thru/out

Recovered 130 ft. of Mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool Slid 20' To Bottom

Time On Location 3:00 A.M. Time Pick Up Tool 8:00 A.M. Time Off Location 6:00 A.M.

Time Set Packer(s) 11:10 P.M. Time Started Off Bottom 2:25 P.M. Maximum Temperature 100°

Initial Hydrostatic Pressure (A) 1857 P.S.I.

Initial Flow Period Minutes 30 (B) 128 P.S.I. to (C) 137 P.S.I.

Initial Closed In Period Minutes 45 (D) 1117 P.S.I.

Final Flow Period Minutes 60 (E) 137 P.S.I. to (F) 147 P.S.I.

Final Closed In Period Minutes 60 (G) 1117 P.S.I.

Final Hydrostatic Pressure (H) 1821 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 Pay A. Hand Signature of Customer or his authorized representative

Western Representative Steve Michollich

FIELD INVOICE

Open Hole Test	\$ 550.00
Misrun	\$
Straddle Test	\$
Jars	\$ 300.00
Selective Zone	\$
Safety Joint	\$ 50.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$ 64 mi. 48.00
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$
TOTAL	\$ 948.00

WESTERN TESTING CO., INC.

Pressure Data

Date 12-20 Recorder No. 1049 Capacity 3500 Test Ticket No. 8941 Location 3233 Ft.
 Clock No. Elevation 1918 KB Well Temperature 100 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud <u>1848</u> P.S.I.		<u>11:10</u> A	
B First Initial Flow Pressure <u>136</u> P.S.I.		<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure <u>131</u> P.S.I.		<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure <u>1114</u> P.S.I.		<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure <u>155</u> P.S.I.		<u>60</u> Mins.	<u>63</u> Mins.
F Second Final Flow Pressure <u>144</u> P.S.I.			
G Final Closed-in Pressure <u>1113</u> P.S.I.			
H Final Hydrostatic Mud <u>1819</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>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>21</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>131</u>	<u>0</u>	<u>155</u>	<u>0</u>	<u>144</u>
P 2	<u>5</u>	<u>3</u>	<u>342</u>	<u>5</u>	<u>139</u>	<u>3</u>	<u>269</u>
P 3	<u>10</u>	<u>6</u>	<u>535</u>	<u>10</u>	<u>139</u>	<u>6</u>	<u>435</u>
P 4	<u>15</u>	<u>9</u>	<u>714</u>	<u>15</u>	<u>140</u>	<u>9</u>	<u>593</u>
P 5	<u>20</u>	<u>12</u>	<u>821</u>	<u>20</u>	<u>140</u>	<u>12</u>	<u>722</u>
P 6	<u>25</u>	<u>15</u>	<u>879</u>	<u>25</u>	<u>141</u>	<u>15</u>	<u>808</u>
P 7	<u>30</u>	<u>18</u>	<u>937</u>	<u>30</u>	<u>142</u>	<u>18</u>	<u>868</u>
P 8	<u>35</u>	<u>21</u>	<u>982</u>	<u>35</u>	<u>142</u>	<u>21</u>	<u>920</u>
P 9	<u>40</u>	<u>24</u>	<u>1016</u>	<u>40</u>	<u>143</u>	<u>24</u>	<u>940</u>
P 10	<u>45</u>	<u>27</u>	<u>1040</u>	<u>45</u>	<u>143</u>	<u>27</u>	<u>976</u>
P 11	<u>50</u>	<u>30</u>	<u>1057</u>	<u>50</u>	<u>144</u>	<u>30</u>	<u>1003</u>
P 12	<u>55</u>	<u>33</u>	<u>1074</u>	<u>55</u>	<u>144</u>	<u>33</u>	<u>1033</u>
P 13	<u>60</u>	<u>36</u>	<u>1089</u>	<u>60</u>	<u>144</u>	<u>36</u>	<u>1040</u>
P 14		<u>39</u>	<u>1095</u>	<u>65</u>		<u>39</u>	<u>1051</u>
P 15		<u>42</u>	<u>1100</u>	<u>70</u>		<u>42</u>	<u>1062</u>
P 16		<u>45</u>	<u>1114</u>	<u>75</u>		<u>45</u>	<u>1073</u>
P 17		<u>48</u>		<u>80</u>		<u>48</u>	<u>1079</u>
P 18		<u>51</u>		<u>85</u>		<u>51</u>	<u>1089</u>
P 19		<u>54</u>		<u>90</u>		<u>54</u>	<u>1098</u>
P 20		<u>57</u>				<u>57</u>	<u>1104</u>
		<u>60</u>				<u>60</u>	<u>1109</u>

Company Pendleton Land & Exploration, Inc. Lease & Well No. Dietz Trust #1
 Elevation 1918 Kelly Bushing Formation Lansing Effective Pay - Ft. Ticket No. 8941
 Date 12/20/80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
 Test Approved by Perry A. Hand Western Representative Steve Michellich
 Formation Test No. 1 Interval Tested from 3186 ft. to 3240 ft. Total Depth 3240 ft.
 Packer Depth 3186 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3181 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3233 ft. Recorder Number 1049 Cap. 3500
 Bottom Recorder Depth (Outside) 3436 ft. Recorder Number 1134 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Buffalo Drlg. Drill Collar Length 180 I. D. 2.25 in.
 Mud Type salt-mud Viscosity 35 Weight Pipe Length 620 I. D. 2.76 in.
 Weight 9.4 Water Loss 12.4 cc. Drill Pipe Length 2358 I. D. 3.8 in.
 Chlorides 76,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 402 Anchor Length 54 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 IF in.

Blow: Initial flow period fair blow decreasing to weak blow throughout. Final flow period weak blow throughout.

Recovered 130 ft. of mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Remarks: Tool slid twenty feet to bottom.

Time Set Packer(s) 11:10 ~~P.M.~~ A.M. Time Started Off Bottom 2:25 ~~P.M.~~ A.M. Maximum Temperature 100°
 Initial Hydrostatic Pressure 1848 P.S.I.
 Initial Flow Period 30 Minutes (B) 136 P.S.I. to (C) 131 P.S.I.
 Initial Closed In Period 45 Minutes (D) 1114 P.S.I.
 Final Flow Period 60 Minutes (E) 155 P.S.I. to (F) 144 P.S.I.
 Final Closed In Period 63 Minutes (G) 1113 P.S.I.
 Final Hydrostatic Pressure 1819 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12/20/80 Recorder No. 1049 Capacity 3500 Test Ticket No. 8941
 Clock No. --- Elevation 1918 Kelly Bushing Location 3233 Ft.
 Well Temperature 100 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1848 P.S.I.	Open Tool	11:10A	M
B First Initial Flow Pressure	136 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	131 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D Initial Closed-in Pressure	1114 P.S.I.	Second Flow Pressure	60 Mins.	60 Mins.
E Second Initial Flow Pressure	155 P.S.I.	Final Closed-in Pressure	60 Mins.	63 Mins.
F Second Final Flow Pressure	144 P.S.I.			
G Final Closed-in Pressure	1113 P.S.I.			
H Final Hydrostatic Mud	1819 P.S.I.			

PRESSURE BREAKDOWN

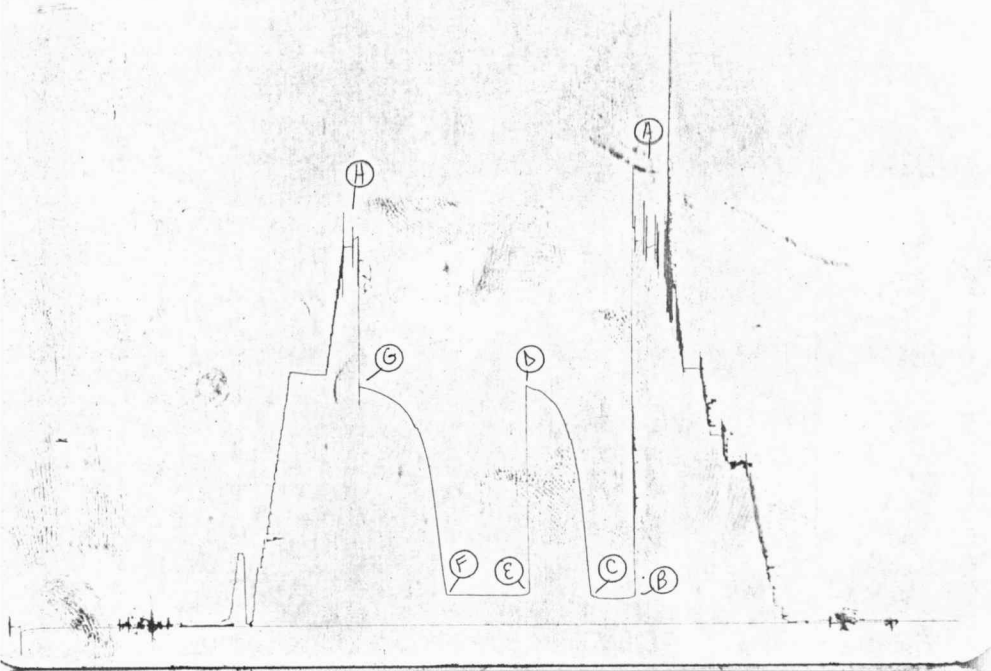
First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>21</u> Inc.	
of <u>5</u> mins. and a		of <u>3</u> mins. and a		of <u>5</u> mins. and a		of <u>3</u> mins. and a	
final inc. of <u>0</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>136</u>	<u>0</u>	<u>131</u>	<u>0</u>	<u>155</u>	<u>0</u>	<u>144</u>
P 2 <u>5</u>	<u>126</u>	<u>3</u>	<u>342</u>	<u>5</u>	<u>139</u>	<u>3</u>	<u>269</u>
P 3 <u>10</u>	<u>124</u>	<u>6</u>	<u>535</u>	<u>10</u>	<u>139</u>	<u>6</u>	<u>435</u>
P 4 <u>15</u>	<u>122</u>	<u>9</u>	<u>714</u>	<u>15</u>	<u>140</u>	<u>9</u>	<u>593</u>
P 5 <u>20</u>	<u>124</u>	<u>12</u>	<u>821</u>	<u>20</u>	<u>140</u>	<u>12</u>	<u>722</u>
P 6 <u>25</u>	<u>125</u>	<u>15</u>	<u>879</u>	<u>25</u>	<u>141</u>	<u>15</u>	<u>808</u>
P 7 <u>30</u>	<u>131</u>	<u>18</u>	<u>937</u>	<u>30</u>	<u>142</u>	<u>18</u>	<u>868</u>
P 8 _____	_____	<u>21</u>	<u>982</u>	<u>35</u>	<u>142</u>	<u>21</u>	<u>920</u>
P 9 _____	_____	<u>24</u>	<u>1016</u>	<u>40</u>	<u>143</u>	<u>24</u>	<u>940</u>
P10 _____	_____	<u>27</u>	<u>1040</u>	<u>45</u>	<u>143</u>	<u>27</u>	<u>976</u>
P11 _____	_____	<u>30</u>	<u>1057</u>	<u>50</u>	<u>144</u>	<u>30</u>	<u>1003</u>
P12 _____	_____	<u>33</u>	<u>1074</u>	<u>55</u>	<u>144</u>	<u>33</u>	<u>1033</u>
P13 _____	_____	<u>36</u>	<u>1089</u>	<u>60</u>	<u>144</u>	<u>36</u>	<u>1040</u>
P14 _____	_____	<u>39</u>	<u>1095</u>	_____	_____	<u>39</u>	<u>1051</u>
P15 _____	_____	<u>42</u>	<u>1100</u>	_____	_____	<u>42</u>	<u>1062</u>
P16 _____	_____	<u>45</u>	<u>1114</u>	_____	_____	<u>45</u>	<u>1073</u>
P17 _____	_____	_____	_____	_____	_____	<u>48</u>	<u>1079</u>
P18 _____	_____	_____	_____	_____	_____	<u>51</u>	<u>1089</u>
P19 _____	_____	_____	_____	_____	_____	<u>54</u>	<u>1098</u>
P20 _____	_____	_____	_____	_____	_____	<u>57</u>	<u>1104</u>
WTC - 4						<u>60</u>	<u>1109</u>
						<u>63</u>	<u>1113</u>

TKT # 8941

I

1049

8941





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 8942

P. O. BOX 1599 PHONE (316) 262-5861
WICHITA, KANSAS 67201Elevation 1918 ^{elly} K Bushing Formation Lansing Eff. Pay ☒ Ft.District Wakeeney Date 12-21-80 Customer Order No. ☒COMPANY NAME Pendleton Land & Exploration Inc.ADDRESS 23 Inverness Way East, Eaglewood Co 80112LEASE AND WELL NO. Dietz #1 COUNTY Rush STATE Ks Sec. 22 Twp. 16S Rge. 16WMail Invoice To Same #1 Dietz Trust No. Copies Requested 5
Co. Name 11 AddressMail Charts To 11 No. Copies Requested 5
AddressFormation Test No. 2 Interval Tested from 3266 ft. to 3310 ft. Total Depth 3310 ft.Packer Depth 3266 ft. Size 6 3/4 in. Packer Depth ✓ ft. Size ✓ in.Packer Depth 3261 ft. Size 6 3/4 in. Packer Depth ✓ ft. Size ✓ in.Depth of Selective Zone Set ✓Top Recorder Depth (Inside) 3303 ft. Recorder Number 1049 Cap. 3500Bottom Recorder Depth (Outside) 3306 ft. Recorder Number 1134 Cap. 4500Below Straddle Recorder Depth ✓ ft. Recorder Number ✓ Cap. ✓Drilling Contractor Buffalo Drill Collar Length 180 I. D. 2.25 in.Mud Type Soft Viscosity 42 Weight Pipe Length 620 I. D. 2.76 in.Weight 9.6 Water Loss 17.6 cc. Drill Pipe Length 2438 I. D. 3.8 in.Chlorides 70,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.Jars: Make Bowen Serial Number 430 Anchor Length 44 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 IF in.Blow: 1st Opening - Weak Blow Thru/out Initial flow period2nd Opening - No Blow final flow periodRecovered 130 ft. of Mud (with a few O.I. specks on top)Recovered ✓ ft. ofRecovered ✓ ft. ofRecovered ✓ ft. ofRecovered ✓ ft. ofRemarks: Tool Slid 10' to bottomTime On Location 12:00 A.M. Time Pick Up Tool 1:00 A.M.Time Set Packer(s) 3:20 P.M. Time Started Off Bottom 6:05 A.M.Initial Hydrostatic Pressure 1955 P.S.I. Maximum Temperature 101°Initial Flow Period 30 Minutes (B) 92 P.S.I. to (C) 101 P.S.I.Initial Closed In Period 45 Minutes (D) 1044 P.S.I.Final Flow Period 30 Minutes (E) 119 P.S.I. to (F) 119 P.S.I.Final Closed In Period 60 Minutes (G) 1035 P.S.I.Final Hydrostatic Pressure 1967 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 Pay a Hand
Signature of Customer or his authorized representativeWestern Representative Steve Mitchell

FIELD INVOICE

Open Hole Test \$ 550.00

Misrun \$

Straddle Test \$

Jars \$ 300.00

Selective Zone \$

Safety Joint \$ 50.00

Standby \$

Evaluation \$

Extra Packer \$

Circ. Sub. \$

Mileage \$ 64 mi. 48.00

Fluid Sampler \$

Extra Charts \$

Insurance \$

TOTAL \$ 948.00

WESTERN TESTING CO., INC.

Pressure Data

Date 12-21 Test Ticket No. 8942
 Recorder No. 1049 Capacity 3000 Location 3303 Ft.
 Clock No. — Elevation 1918 KB Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1985</u>	P.S.I.	<u>3:20 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>107</u>	P.S.I.	<u>30</u>	Mins. <u>30</u> Mins.
C First Final Flow Pressure	<u>98</u>	P.S.I.	<u>45</u>	Mins. <u>45</u> Mins.
D Initial Closed-in Pressure	<u>1039</u>	P.S.I.	<u>30</u>	Mins. <u>30</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>121</u>	P.S.I.		
G Final Closed-in Pressure	<u>1031</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1967</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>15</u> Inc.		Breakdown: <u>6</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 <u>0</u>	<u>107</u>	<u>0</u>	<u>98</u>	<u>0</u>	<u>128</u>	<u>0</u>	<u>121</u>
P 2 <u>5</u>	<u>100</u>	<u>3</u>	<u>293</u>	<u>5</u>	<u>119</u>	<u>3</u>	<u>267</u>
P 3 <u>10</u>	<u>98</u>	<u>6</u>	<u>610</u>	<u>10</u>	<u>119</u>	<u>6</u>	<u>557</u>
P 4 <u>15</u>	<u>—</u>	<u>9</u>	<u>786</u>	<u>15</u>	<u>119</u>	<u>9</u>	<u>762</u>
P 5 <u>20</u>	<u>—</u>	<u>12</u>	<u>875</u>	<u>20</u>	<u>119</u>	<u>12</u>	<u>863</u>
P 6 <u>25</u>	<u>—</u>	<u>15</u>	<u>929</u>	<u>25</u>	<u>120</u>	<u>15</u>	<u>915</u>
P 7 <u>30</u>	<u>98</u>	<u>18</u>	<u>947</u>	<u>30</u>	<u>121</u>	<u>18</u>	<u>941</u>
P 8 <u>35</u>	<u>—</u>	<u>21</u>	<u>949</u>	<u>35</u>	<u>—</u>	<u>21</u>	<u>960</u>
P 9 <u>40</u>	<u>—</u>	<u>24</u>	<u>980</u>	<u>40</u>	<u>—</u>	<u>24</u>	<u>974</u>
P10 <u>45</u>	<u>—</u>	<u>27</u>	<u>996</u>	<u>45</u>	<u>—</u>	<u>27</u>	<u>984</u>
P11 <u>50</u>	<u>—</u>	<u>30</u>	<u>1004</u>	<u>50</u>	<u>—</u>	<u>30</u>	<u>993</u>
P12 <u>55</u>	<u>—</u>	<u>33</u>	<u>1015</u>	<u>55</u>	<u>—</u>	<u>33</u>	<u>999</u>
P13 <u>60</u>	<u>—</u>	<u>36</u>	<u>1024</u>	<u>60</u>	<u>—</u>	<u>36</u>	<u>1004</u>
P14 <u>—</u>	<u>—</u>	<u>39</u>	<u>1029</u>	<u>65</u>	<u>—</u>	<u>39</u>	<u>1008</u>
P15 <u>—</u>	<u>—</u>	<u>42</u>	<u>1034</u>	<u>70</u>	<u>—</u>	<u>42</u>	<u>1013</u>
P16 <u>—</u>	<u>—</u>	<u>45</u>	<u>1039</u>	<u>75</u>	<u>—</u>	<u>45</u>	<u>1015</u>
P17 <u>—</u>	<u>—</u>	<u>48</u>	<u>—</u>	<u>80</u>	<u>—</u>	<u>48</u>	<u>1018</u>
P18 <u>—</u>	<u>—</u>	<u>51</u>	<u>—</u>	<u>85</u>	<u>—</u>	<u>51</u>	<u>1021</u>
P19 <u>—</u>	<u>—</u>	<u>54</u>	<u>—</u>	<u>90</u>	<u>—</u>	<u>54</u>	<u>1024</u>
P20 <u>—</u>	<u>—</u>	<u>57</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>57</u>	<u>1028</u>
		<u>60</u>	<u>—</u>			<u>60</u>	<u>1031</u>

Company Pendleton Land & Exploration, Inc. Lease & Well No. #1 Dietz Trust
 Elevation 1918 Kelly Bushing Lansing Formation Effective Pay - Ft. Ticket No. 8942
 Date 12-21-80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
 Test Approved by C A Hand Western Representative Steve Michellich
 Formation Test No. 2 Interval Tested from 3266 ft. to 3310 ft. Total Depth 3310 ft.
 Packer Depth 3266 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Packer Depth 3261 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3303 ft. Recorder Number 1049 Cap. 3500
 Bottom Recorder Depth (Outside) 3306 ft. Recorder Number 1134 Cap. 4500
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
 Drilling Contractor Buffalo Drill Collar Length 180 I. D. 2.25 in.
 Mud Type Salt Viscosity 42 Weight Pipe Length 620 I. D. 2.76 in.
 Weight 9.6 Water Loss 17.6 cc. Drill Pipe Length 2438 I. D. 3.8 in.
 Chlorides 70,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 420 Anchor Length 44 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 IF in.

Blow: Weak blow throughout initial flow period. No blow final flow period.

Recovered 130 ft. of mud - with a few oil specks on top

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Tool slid 10 ft to bottom.

Time Set Packer(s) 3:20 A.M. Time Started Off Bottom 6:05 A.M. Maximum Temperature 101
 Initial Hydrostatic Pressure 1985 P.S.I.
 Initial Flow Period 30 Minutes (B) 107 P.S.I. to (C) 98 P.S.I.
 Initial Closed In Period 45 Minutes (D) 1039 P.S.I.
 Final Flow Period 30 Minutes (E) 128 P.S.I. to (F) 121 P.S.I.
 Final Closed In Period 60 Minutes (G) 1031 P.S.I.
 Final Hydrostatic Pressure 1967 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-21-80 Test Ticket No. 8942
 Recorder No. 1049 Capacity 3000 Location 3303 Ft.
 Clock No. - Elevation 1918 Kelly Bushing Well Temperature 101 °F

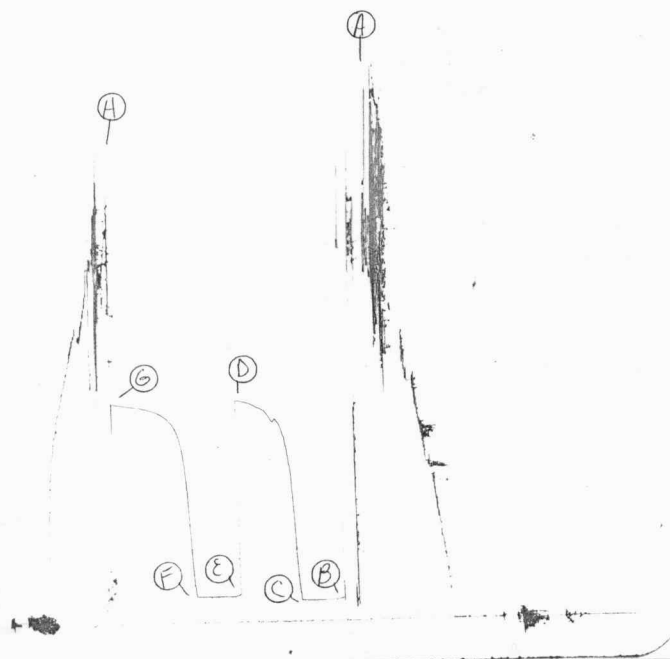
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1985	P.S.I.	3:20P.	M
B First Initial Flow Pressure	107	P.S.I.	30	Mins.
C First Final Flow Pressure	98	P.S.I.	45	Mins.
D Initial Closed-in Pressure	1039	P.S.I.	30	Mins.
E Second Initial Flow Pressure	128	P.S.I.	60	Mins.
F Second Final Flow Pressure	121	P.S.I.		
G Final Closed-in Pressure	1031	P.S.I.		
H Final Hydrostatic Mud	1967	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>6</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 <u>0</u>	<u>107</u>	<u>0</u>	<u>98</u>	<u>0</u>	<u>128</u>	<u>0</u>	<u>121</u>
P 2 <u>5</u>	<u>100</u>	<u>3</u>	<u>293</u>	<u>5</u>	<u>119</u>	<u>3</u>	<u>267</u>
P 3 <u>10</u>	<u>98</u>	<u>6</u>	<u>610</u>	<u>10</u>	<u>119</u>	<u>6</u>	<u>557</u>
P 4 <u>15</u>	<u>98</u>	<u>9</u>	<u>786</u>	<u>15</u>	<u>119</u>	<u>9</u>	<u>762</u>
P 5 <u>20</u>	<u>98</u>	<u>12</u>	<u>875</u>	<u>20</u>	<u>119</u>	<u>12</u>	<u>863</u>
P 6 <u>25</u>	<u>98</u>	<u>15</u>	<u>929</u>	<u>25</u>	<u>120</u>	<u>15</u>	<u>915</u>
P 7 <u>30</u>	<u>98</u>	<u>18</u>	<u>947</u>	<u>30</u>	<u>121</u>	<u>18</u>	<u>941</u>
P 8		<u>21</u>	<u>949</u>			<u>21</u>	<u>960</u>
P 9		<u>24</u>	<u>980</u>			<u>24</u>	<u>974</u>
P10		<u>27</u>	<u>996</u>			<u>27</u>	<u>984</u>
P11		<u>30</u>	<u>1004</u>			<u>30</u>	<u>993</u>
P12		<u>33</u>	<u>1015</u>			<u>33</u>	<u>999</u>
P13		<u>36</u>	<u>1024</u>			<u>36</u>	<u>1004</u>
P14		<u>39</u>	<u>1029</u>			<u>39</u>	<u>1008</u>
P15		<u>42</u>	<u>1034</u>			<u>42</u>	<u>1013</u>
P16		<u>45</u>	<u>1039</u>			<u>45</u>	<u>1015</u>
P17						<u>48</u>	<u>1018</u>
P18						<u>51</u>	<u>1021</u>
P19						<u>54</u>	<u>1024</u>
P20						<u>57</u>	<u>1028</u>
						<u>60</u>	<u>1031</u>

TKT # 8942
I

1049
8942





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO. 8943

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1918

Formation

Conglomerate

Eff. Pay

Ft.

District

Wakeley

Date

12-23-80

Customer Order No.

COMPANY NAME

Pendleton Land & Exploration Inc

ADDRESS

23 Inverness Way, Englewood, Co. 80112

LEASE AND WELL NO.

Dietz #1

COUNTY

Rush

STATE

KS

Sec.

22

Twp

16S

Rge

16W

Mail Invoice To

Same

No. Copies Requested

5

Mail Charts To

Co., Name

Address

No. Copies Requested

5

Formation Test No.

3

Interval Tested from

3440

ft. to

3465

ft.

Total Depth

3465

ft.

Packer Depth

3440

ft.

Size

6 3/4

in.

Packer Depth

✓

ft.

Size

✓

in.

Packer Depth

3435

ft.

Size

6 3/4

in.

Packer Depth

✓

ft.

Size

✓

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

3458

ft.

Recorder Number

1049

Cap.

3500

Bottom Recorder Depth (Outside)

3461

ft.

Recorder Number

1134

Cap.

4500

Below Straddle Recorder Depth

✓

ft.

Recorder Number

✓

Cap.

✓

Drilling Contractor

Buffalo

Drill Collar Length

180

I. D.

2.25

in.

Mud Type

Salt

Viscosity

40

Weight Pipe Length

620

I. D.

2.76

in.

Weight

9.9

Water Loss

12.0

cc.

Drill Pipe Length

2612

I. D.

3.8

in.

Chlorides

68,000

P.P.M.

Test Tool Length

28

ft.

Tool Size

5 1/2

in.

Jars: Make

Bowen

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 IF

in.

Blow:

Weak Blow Thru/out 1st opening initial flow period
2nd opening - weak Blow Died in 20 min on final flow period

Recovered

100

ft. of

Slightly Oil Cut Mud

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Remarks:

Time On Location

9:00

A.M.

Time Pick Up Tool

11:00

A.M.

Time Off Location

9:00

A.M.

Time Set Packer(s)

2:40

A.M.

Time Started Off Bottom

5:25

A.M.

Maximum Temperature

106°

Initial Hydrostatic Pressure

(A)

1967

P.S.I.

Initial Flow Period

Minutes

30

(B)

92

P.S.I. to (C)

92

P.S.I.

Initial Closed In Period

Minutes

45

(D)

705

P.S.I.

Final Flow Period

Minutes

30

(E)

101

P.S.I. to (F)

101

P.S.I.

Final Closed In Period

Minutes

60

(G)

568

P.S.I.

Final Hydrostatic Pressure

(H)

1875

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

Perry A. Hand

Signature of Customer or his authorized representative

Western Representative

Steve Michellish

FIELD INVOICE

Open Hole Test	\$ 550.00
Misrun	\$
Straddle Test	\$
Jars	\$ 300.00
Selective Zone	\$
Safety Joint	\$ 50.00
Standby	\$
Evaluation	\$
Extra Packer	\$
Circ. Sub.	\$
Mileage	\$ 64 m. 48
Fluid Sampler	\$
Extra Charts	\$
Insurance	\$
TOTAL	\$ 948.00

WESTERN TESTING CO., INC.

Pressure Data

Date 12-23

Test Ticket No. 8943

Recorder No. 1049 Capacity 3500

Location 3458 Ft.

Clock No. Elevation 1918 KB

Well Temperature 106 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1962</u> P.S.I.	<u>2:40 A</u> M	
B First Initial Flow Pressure	<u>99</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>96</u> P.S.I.	<u>45</u> Mins.	<u>51</u> Mins.
D Initial Closed-in Pressure	<u>694</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>114</u> P.S.I.	<u>60</u> Mins.	<u>66</u> Mins.
F Second Final Flow Pressure	<u>104</u> P.S.I.		
G Final Closed-in Pressure	<u>560</u> P.S.I.		
H Final Hydrostatic Mud	<u>1870</u> P.S.I.		

* Pressures questionable due to tool movement.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>22</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	<u>99</u>	0	<u>96</u>	0	<u>114</u>	0	<u>104</u>
P 2 5	<u>96</u>	3	<u>101</u>	5	<u>105</u>	3	<u>114</u>
P 3 10	)	6	<u>110</u> *	10	<u>104</u>	6	<u>126</u>
P 4 15		9	<u>137</u> *	15	)	9	<u>141</u>
P 5 20		12	<u>158</u> *	20		12	<u>156</u>
P 6 25		15	<u>185</u> *	25		15	<u>172</u>
P 7 30	<u>96</u>	18	<u>216</u> *	30	<u>104</u>	18	<u>192</u>
P 8 35		21	<u>381</u> *	35		21	<u>212</u>
P 9 40		24	<u>392</u>	40		24	<u>233</u>
P10 45		27	<u>423</u>	45		27	<u>255</u>
P11 50		30	<u>462</u>	50		30	<u>278</u>
P12 55		33	<u>507</u>	55		33	<u>306</u>
P13 60		36	<u>546</u>	60		36	<u>330</u>
P14		39	<u>590</u>	65		39	<u>350</u>
P15		42	<u>626</u>	70		42	<u>381</u>
P16		45	<u>661</u>	75		45	<u>407</u>
P17		48	<u>683</u>	80		48	<u>429</u>
P18		51	<u>694</u>	85		51	<u>452</u>
P19		54		90		54	<u>478</u>
P20		57				57	<u>495</u>
		60				60	<u>513</u>
						63	<u>531</u>
						66	<u>560</u>

Company Pendleton Land & Exploration, Inc. Lease & Well No. Dietz Trust #1
Elevation 1918 Kelly Bushing Formation Conglomerate Effective Pay -- Ft. Ticket No. 8943
Date 12/23/80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
Test Approved by Perry A. Hand Western Representative Steve Michellich

Formation Test No. 3 Interval Tested from 3440 ft. to 3465 ft. Total Depth 3465 ft.

Packer Depth 3440 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Packer Depth 3435 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.

Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3458 ft. Recorder Number 1049 Cap. 3500

Bottom Recorder Depth (Outside) 3461 ft. Recorder Number 1134 Cap. 4500

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

Drilling Contractor Buffalo Drlg. Drill Collar Length 180 I. D. 2.25 in.

Mud Type salt Viscosity 40 Weight Pipe Length 620 I. D. 2.76 in.

Weight 9.9 Water Loss 12.0 cc. Drill Pipe Length 2612 I. D. 3.8 in.

Chlorides 68,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.

Jars: Make WTC Serial Number 402 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 IF in.

Blow: Weak blow throughout initial flow period. Weak blow; died in twenty minutes on final flow period.

Recovered 100 ft. of slightly oil cut mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 2:40 ~~P.M.~~ A.M. Time Started Off Bottom 5:25 ~~P.M.~~ A.M. Maximum Temperature 106°

Initial Hydrostatic Pressure (A) 1962 P.S.I.

Initial Flow Period Minutes 30 (B) 99 P.S.I. to (C) 96 P.S.I.

Initial Closed In Period Minutes 51 (D) 694 P.S.I.

Final Flow Period Minutes 30 (E) 114 P.S.I. to (F) 104 P.S.I.

Final Closed In Period Minutes 66 (G) 560 P.S.I.

Final Hydrostatic Pressure (H) 1870 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 12-23-80 Test Ticket No. 8943
 Recorder No. 1049 Capacity 3500 Location 3458 Ft.
 Clock No. --- Elevation 1918 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1962</u>	P.S.I.	<u>2:40</u> A M	
B First Initial Flow Pressure	<u>99</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>96</u>	P.S.I.	<u>45</u> Mins.	<u>51</u> Mins.
D Initial Closed-in Pressure	<u>694</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>114</u>	P.S.I.	<u>60</u> Mins.	<u>66</u> Mins.
F Second Final Flow Pressure	<u>104</u>	P.S.I.		
G Final Closed-in Pressure	<u>560</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1870</u>	P.S.I.		

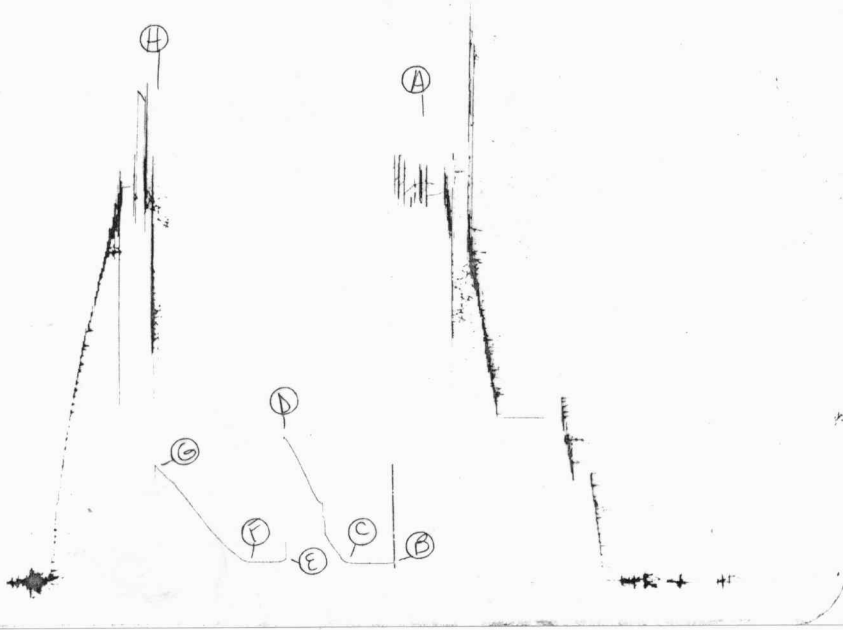
* Pressures questionable due to tool movement.

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: <u>17</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>22</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>99</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>114</u>	<u>0</u>	<u>104</u>
P 2 <u>5</u>	<u>96</u>	<u>3</u>	<u>101</u>	<u>5</u>	<u>105</u>	<u>3</u>	<u>114</u>
P 3 <u>10</u>	<u>96</u>	<u>6</u>	<u>110</u> *	<u>10</u>	<u>104</u>	<u>6</u>	<u>126</u>
P 4 <u>15</u>	<u>96</u>	<u>9</u>	<u>137</u> *	<u>15</u>	<u>104</u>	<u>9</u>	<u>141</u>
P 5 <u>20</u>	<u>96</u>	<u>12</u>	<u>158</u> *	<u>20</u>	<u>104</u>	<u>12</u>	<u>156</u>
P 6 <u>25</u>	<u>96</u>	<u>15</u>	<u>185</u> *	<u>25</u>	<u>104</u>	<u>15</u>	<u>172</u>
P 7 <u>30</u>	<u>96</u>	<u>18</u>	<u>216</u> *	<u>30</u>	<u>104</u>	<u>18</u>	<u>192</u>
P 8		<u>21</u>	<u>381</u> *			<u>21</u>	<u>212</u>
P 9		<u>24</u>	<u>392</u>			<u>24</u>	<u>233</u>
P10		<u>27</u>	<u>423</u>			<u>27</u>	<u>255</u>
P11		<u>30</u>	<u>462</u>			<u>30</u>	<u>278</u>
P12		<u>33</u>	<u>507</u>			<u>33</u>	<u>306</u>
P13		<u>36</u>	<u>546</u>			<u>36</u>	<u>330</u>
P14		<u>39</u>	<u>590</u>			<u>39</u>	<u>350</u>
P15		<u>42</u>	<u>626</u>			<u>42</u>	<u>381</u>
P16		<u>45</u>	<u>661</u>			<u>45</u>	<u>407</u>
P17		<u>48</u>	<u>683</u>			<u>48</u>	<u>429</u>
P18		<u>51</u>	<u>694</u>			<u>51</u>	<u>452</u>
P19						<u>54</u>	<u>478</u>
P20						<u>57</u>	<u>495</u>
						<u>60</u>	<u>513</u>
						<u>63</u>	<u>531</u>
						<u>66</u>	<u>560</u>

TKT # 8943
I

1049
8943





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No

8766

P. O. BOX 1599

PHONE (316) 262-5861

Elevation

1913 GL

Formation

Cone 19/01-1

Eff. Pay Ft.

WICHITA, KANSAS 67201

District

Great Bend

Date

12-27-80

Customer Order No.

COMPANY NAME

Pondleton Land & Exploration Inc

ADDRESS

23 Inverness Way East, Englewood, Colo. 80112

LEASE AND WELL NO.

DIETZ TRUST #1

COUNTY

Rush

STATE

KS

Sec.

22

Twp.

16S

Rge.

16W

Mail Invoice To

Same As Above

No. Copies Requested

5

Mail Charts To

Co. Name " " "

Address

No. Copies Requested

5

Formation Test No.

4

Interval Tested from

3397

ft. to

3440

ft.

Total Depth

3550

ft.

Packer Depth

3397

ft.

Size

6 3/8

in.

Packer Depth

—

ft.

Size

—

in.

Packer Depth

3440

ft.

Size

6 3/8

in.

Packer Depth

—

ft.

Size

—

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

3409 ft.

Recorder Number

2774

Cap.

4300

Bottom Recorder Depth (Outside)

3412 ft.

Recorder Number

10265

Cap.

4675

Below Straddle Recorder Depth

3546 ft.

Recorder Number

1558

Cap.

4200

Drilling Contractor

Buffalo Drilling Rig

Drill Collar Length

93

I. D.

2.2

in.

Mud Type

STARCH

Viscosity

14.8

Weight Pipe Length

467

I. D.

2.7

in.

Weight

9.8

Water Loss

14.8 cc.

Drill Pipe Length

2919

I. D.

3.8

in.

Chlorides

73,000

P.P.M.

Test Tool Length

28

ft.

Tool Size

5/2 OD

in.

Jars: Make

Boxer

Serial Number

421

Anchor Length

43

ft.

Size

5/8 OP

in.

Did Well Flow?

—

Reversed Out

—

Surface Choke Size

3/4

in.

Bottom Choke Size

3/4

in.

Main Hole Size

7/8

in.

Tool Joint Size

—

in.

Blow:

Recovered

300 ft. of MUD -

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Recovered

ft. of

Remarks:

WESTERN TESTING TO PAY NO RIG TIME - Packer Failure -
(WEIGHT SCALE INCORRECT)

Time On Location

6:30 2nd Time

A.M.

Time Pick Up Tool

5:30

P.M.

Time Off Location

—

A.M.

Time Set Packer(s)

—

P.M.

Time Started Off Bottom

—

P.M.

Maximum Temperature

—

Initial Hydrostatic Pressure

(A) 1803

P.S.I.

Initial Flow Period

Minutes

(B)

—

P.S.I. to (C)

—

P.S.I.

Initial Closed In Period

Minutes

(D)

—

P.S.I.

Final Flow Period

Minutes

(E)

—

P.S.I. to (F)

—

P.S.I.

Final Closed In Period

Minutes

(G)

—

P.S.I.

Final Hydrostatic Pressure

(H) 1794

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

N/A - by Sender Paid

Signature of Customer or his authorized representative

Western Representative

Gene Elchert

FIELD INVOICE

Open Hole Test

\$ 300.00

Misrun

\$ 250.00

Straddle Test

\$ 250.00

Jars

\$ 300.00

Selective Zone

\$ 150.00

Safety Joint

\$ N-C

Standby

\$ —

Evaluation

\$ —

Extra Packer

\$ —

Circ. Sub.

\$ 27.00

Mileage

36

Fluid Sampler

\$ —

Extra Charts

\$ —

Insurance

\$ —

TOTAL

\$ 927.00

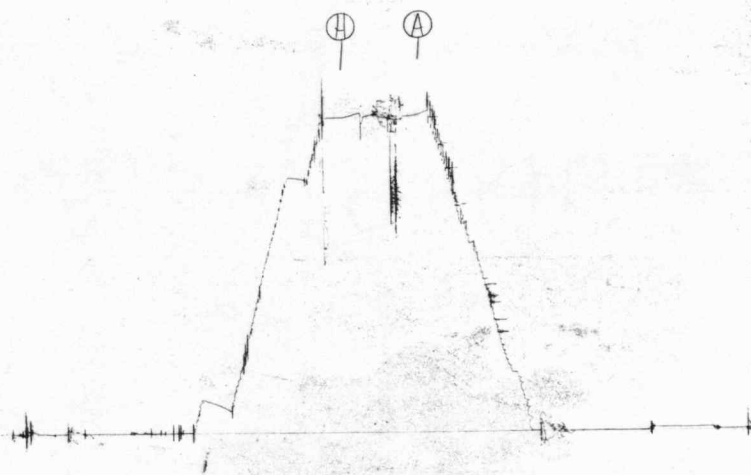
TKT # 8766
Below Straddle

TKT # 8766
0

5920

2774

TKT # 8766
I



Company Pendleton Land & Exploration, Inc. Lease & Well No. Dietz Trust #1
 Elevation 1913 Ground Level Formation Conglomerate Effective Pay -- Ft. Ticket No. 8766
 Date 12/27/80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
 Test Approved by N/A. ? Western Representative Gene Eberhart
 Formation Test No. 4 Interval Tested from 3397 ft. to 3440 ft. Total Depth 3550 ft.
 Packer Depth 3397 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 3440 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3409 ft. Recorder Number 2774 Cap. 4300
 Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 10265 Cap. 4675
 Below Straddle Recorder Depth 3546 ft. Recorder Number 1558 Cap. 4200
 Drilling Contractor Buffalo Drlg. Rig #7 Drill Collar Length 93 I. D. 2.2 in.
 Mud Type starch Viscosity 48 Weight Pipe Length 467 I. D. 2.7 in.
 Weight 9.8 Water Loss 14.8 cc. Drill Pipe Length 2919 I. D. 3.8 in.
 Chlorides 73,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 OD in.
 Jars: Make WTC Serial Number 421 Anchor Length 43 ft. Size 5 1/2 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 - in.

Blow: --
MISRUN

Recovered 300 ft. of mud
 Recovered - ft. of -
 Recovered - ft. of MISRUN
 Recovered - ft. of -
 Recovered - ft. of -
 Remarks: Packer failure (Weight indicator scale incorrect)

Time Set Packer(s) - A.M. P.M. Time Started Off Bottom - A.M. P.M. Maximum Temperature -
 Initial Hydrostatic Pressure - (A) 1803 P.S.I.
 Initial Flow Period - Minutes (B) - P.S.I. to (C) - P.S.I.
 Initial Closed In Period - Minutes (D) - P.S.I.
 Final Flow Period - Minutes (E) - P.S.I. to (F) - P.S.I.
 Final Closed In Period - Minutes (G) - P.S.I.
 Final Hydrostatic Pressure - (H) 1794 P.S.I.



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 8767

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation 1913 Ground Level Formation _____ Eff. Pay _____ Ft.District Great Bend Date 12-28-80 Customer Order No. _____
COMPANY NAME Pendleton Land & Exploration IncADDRESS 23 Inverness Way East Englewood, Colo 80112LEASE AND WELL NO. DIETZ TRUST #1 COUNTY Rush STATE Ks Sec. 22 Twp. 16S Rge. 16WMail Invoice To Same As Above No. Copies Requested 5Co. Name _____ Address _____ No. Copies Requested 5Mail Charts To _____ Address _____ No. Copies Requested 5Formation Test No. 5 Interval Tested from 3391 ft. to 3440 ft. Total Depth 3550 ft.Packer Depth 3391 ft. Size 6 3/8 in. Packer Depth _____ ft. Size _____ in.Packer Depth 3440 ft. Size 6 3/8 in. Packer Depth _____ ft. Size _____ in.

Depth of Selective Zone Set _____

Top Recorder Depth (Inside) 3409 ft. Recorder Number 2774 Cap. 4300Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 10265 Cap. 4675Below Straddle Recorder Depth 3546 ft. Recorder Number 52 HET Cap. _____Drilling Contractor Buffalo Drilling Rig Drill Collar Length 93 I. D. 2.2 in.Mud Type starch Viscosity _____ Weight Pipe Length 467 I. D. 2.7 in.Weight 9.8 Water Loss 14.8 cc. Drill Pipe Length 29 1/3 I. D. 3.8 in.Chlorides 73000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.Jars: Make Bowen Serial Number 421 Anchor Length 49 ft. Size 5 1/2 in.Did Well Flow? _____ 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 in.Blow: Very weak, died in 20 min of 2500 psi no blow but F.H.P. present

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Recovered _____ ft. of

Remarks: _____

Time On Location 6:30 12/28 A.M. Time Pick Up Tool 1:30 A.M.Time Set Packer(s) 3:26 A.M. Time Started Off Bottom 6:45 A.M.Initial Hydrostatic Pressure _____ (A) X P.S.I.Initial Flow Period _____ Minutes 30 (B) _____ P.S.I. to (C) _____ P.S.I.Initial Closed In Period _____ Minutes 45 (D) _____ P.S.I.Final Flow Period _____ Minutes 60 (E) _____ P.S.I. to (F) _____ P.S.I.Final Closed In Period _____ Minutes 60 (G) _____ P.S.I.Final Hydrostatic Pressure _____ (H) X 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 Arthur E. Hunt
Signature of Customer or his authorized representativeWestern Representative Gene E. Scherhart

FIELD INVOICE

Open Hole Test	\$	300.00
Misrun	\$	250.00
Straddle Test	\$	300.00
Jars	\$	50.00
Selective Zone	\$	
Safety Joint	\$	
Standby	\$	
Evaluation	\$	
Extra Packer	\$	
Circ. Sub.	\$	
Mileage	\$	
Fluid Sampler	\$	
Extra Charts	\$	
Insurance	\$	
TOTAL	\$	800.00

Company Pendleton Land & Exploration, Inc. Lease & Well No. Dietz Trust #1
 Elevation 1913 Ground Level Formation - Effective Pay - Ft. Ticket No. 8767
 Date 12-28-80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
 Test Approved by Arthur E Hunt Western Representative Gene Eberhart
 Formation Test No. 5 Interval Tested from 3391 ft. to 3440 ft. Total Depth 3550 ft.
 Packer Depth 3391 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 3440 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3409 ft. Recorder Number 2774 Cap. 4300
 Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 10265 Cap. 4675
 Below Straddle Recorder Depth 3546 ft. Recorder Number 52 HET Cap. -
 Drilling Contractor Buffalo Drilling Rig #7 Drill Collar Length 93 I. D. 2.2 in.
 Mud Type Starch Viscosity 48 Weight Pipe Length 467 I. D. 2.7 in.
 Weight 9.8 Water Loss 14.8 cc. Drill Pipe Length 2913 I. D. 3.8 in.
 Chlorides 73,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 421 Anchor Length 49 ft. Size 5 1/2 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 in.

Blow: Very weak, died in 20 minutes of initial flow period. No blow during final flow period.

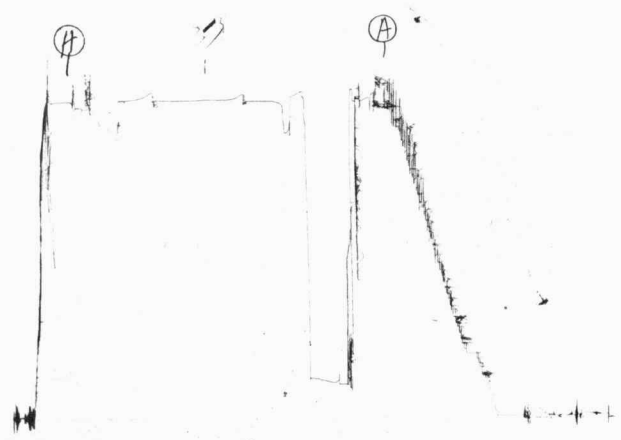
Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of
 Recovered _____ ft. of

Remarks: MISRUN

Time Set Packer(s) 3:26 A.M. Time Started Off Bottom 6:45 P.M. Maximum Temperature -
 Initial Hydrostatic Pressure _____ (A) 1846 P.S.I.
 Initial Flow Period _____ Minutes - (B) - P.S.I. to (C) - P.S.I.
 Initial Closed In Period _____ Minutes - (D) - P.S.I.
 Final Flow Period _____ Minutes - (E) - P.S.I. to (F) - P.S.I.
 Final Closed In Period _____ Minutes - (G) - P.S.I.
 Final Hydrostatic Pressure _____ (H) 1814 P.S.I.

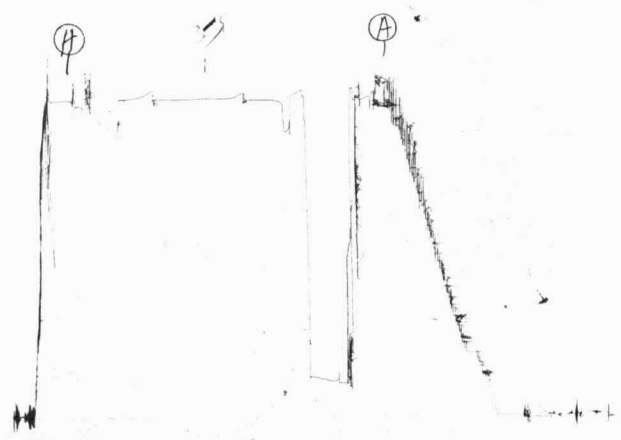
TKT # X 161
I

114



TKT # X 161
I

114





WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No

8768

P. O. BOX 1599

PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1913 G Level

Formation

Eff. Pay — Ft.

COMPANY NAME Pendleton Land & Exploration Inc District Great Bend Date 12-29-80 Customer Order No. —ADDRESS 23 Inverness Way East, Englewood, Colo. 80112LEASE AND WELL NO. Dietz TRUST #1 COUNTY Rush STATE Ks Sec. 22 Twp 16S Rge 16WMail Invoice To Same As Above No. Copies Requested 5Co. Name " " " " Address " " " " No. Copies Requested 5Mail Charts To " " " " Address " " " " No. Copies Requested 5Formation Test No. 6 Interval Tested from 3391 ft. to 3440 ft. Total Depth 3550 ft.Packer Depth 3391 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.Packer Depth 3440 ft. Size 6 3/8 in. Packer Depth — ft. Size — in.Depth of Selective Zone Set —Top Recorder Depth (Inside) 3409 ft. Recorder Number 2774 Cap. 4300Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 10265 Cap. 4675Below Straddle Recorder Depth 3546 ft. Recorder Number 1558 Cap. 4200Drilling Contractor Buffalo Drilling Rig 7 Drill Collar Length 93 I. D. 2.2 in.Mud Type starch Viscosity 60 Weight Pipe Length 467 I. D. 2.7 in.Weight 9.8 Water Loss 15 cc. Drill Pipe Length 2913 I. D. 3.8 in.Chlorides 10000 P.P.M. Test Tool Length 28 ft. Tool Size 5/2 in.Jars: Make Bowen Serial Number 421 Anchor Length 49 ft. Size 5/2 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 in.Blow: Very Weak die in 17 min of inf. No blow during inf.Recovered 5' ft. of MUDRecovered — ft. of —Recovered — ft. of —Recovered — ft. of —Recovered — ft. of —Remarks: —Time On Location 7:20 P.M. Time Pick Up Tool 8:30 P.M. Time Off Location 9:30 A.M.Time Set Packer(s) 11:12 P.M. Time Started Off Bottom 2:30 P.M. Maximum Temperature 101°Initial Hydrostatic Pressure — (A) 1890 P.S.I.Initial Flow Period 30 Minutes (B) 78 P.S.I. to (C) 78 P.S.I.Initial Closed In Period 45 Minutes (D) 100 P.S.I.Final Flow Period 60 Minutes (E) 78 P.S.I. to (F) 100 P.S.I.Final Closed In Period 60 Minutes (G) 145 P.S.I.Final Hydrostatic Pressure — (H) 1846 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 Arthur E. Hunt
Signature of Customer or his authorized representativeWestern Representative Jane Elbert

FIELD INVOICE

Open Hole Test	\$ <u>350.00</u>
Misrun	\$ <u>—</u>
Straddle Test	\$ <u>350.00</u>
Jars	\$ <u>300.00</u>
Selective Zone	\$ <u>—</u>
Safety Joint	\$ <u>50.00</u>
Standby	\$ <u>—</u>
Evaluation	\$ <u>—</u>
Extra Packer	\$ <u>—</u>
Circ. Sub.	\$ <u>—</u>
Mileage	\$ <u>—</u>
Fluid Sampler	\$ <u>—</u>
Extra Charts	\$ <u>—</u>
Insurance	\$ <u>—</u>
TOTAL	\$ <u>1150.00</u>



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET N^o

8768

P. O. BOX 1599 PHONE (316) 262-5861

WICHITA, KANSAS 67201

Elevation

1913 GL

Formation

Eff. Pay _____ Ft.

District

Great Bend

Date

12-29-80

Customer Order No.

COMPANY NAME

Pendleton Land & Exploration Inc

ADDRESS

23 Inverness Way East, Englewood Colo. 80112

LEASE AND WELL NO.

Dietz Trust #1

COUNTY

Rush

STATE

KS

Sec.

22

Twp

16S

Rge

16W

Mail Invoice To

Same As Above

No. Copies Requested

5

Co. Name

Address

Mail Charts To

Address

No. Copies Requested

5

Formation Test No.

6

Interval Tested from

3391

ft. to

3440

ft.

Total Depth

3550

ft.

Packer Depth

3391

ft.

Size

6 3/8

in.

Packer Depth

—

ft.

Size

—

in.

Packer Depth

3440

ft.

Size

6 3/8

in.

Packer Depth

—

ft.

Size

—

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

3409

ft.

Recorder Number

2774

Cap.

4300

Bottom Recorder Depth (Outside)

3412

ft.

Recorder Number

10265

Cap.

4675

Below Straddle Recorder Depth

3546

ft.

Recorder Number

1558

Cap.

4200

Drilling Contractor

Buffalo Drilling Rig 7

Drill Collar Length

93

I. D.

2.2

in.

Mud Type

starch

Viscosity

60

Weight Pipe Length

467

I. D.

2.7

in.

Weight

9.8

Water Loss

15

cc.

Drill Pipe Length

2913

I. D.

3.8

in.

Chlorides

70000

P.P.M.

Test Tool Length

28

ft.

Tool Size

3 1/2

in.

Jars: Make

Bowen

Serial Number

421

Anchor Length

49

ft.

Size

5 1/2

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

in.

Blow:

Very Weak died in 17 min of IFF - No blow during EFP

Recovered 35 ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time On Location

7:20 P.M.

A.M.

Time Pick Up Tool

8:30

A.M.

Time Off Location

8:30

A.M.

Time Set Packer(s)

11:12

A.M.

Time Started Off Bottom

2:30

A.M.

Maximum Temperature

101°

Initial Hydrostatic Pressure

(A)

1890

P.S.I.

Initial Flow Period

Minutes

30

(B)

18

P.S.I. to (C)

78

P.S.I.

Initial Closed In Period

Minutes

95

(D)

100

P.S.I.

Final Flow Period

Minutes

60

(E)

78

P.S.I. to (F)

100

P.S.I.

Final Closed In Period

Minutes

60

(G)

145

P.S.I.

Final Hydrostatic Pressure

(H)

1846

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 of Customer or his authorized representative

Western Representative

FIELD INVOICE

Open Hole Test

\$

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$

Fluid Sampler

\$

Extra Charts

\$

Insurance

\$

TOTAL

\$

WESTERN TESTING CO., INC.

Pressure Data

Date 12-29

Test Ticket No. 8768

Recorder No. 10265

Capacity 41675

Location 3412 Ft.

Clock No. 1913 Elevation 42

Well Temperature 101 °F

Point	Pressure	Open Tool	Time Given	Time Computed
A Initial Hydrostatic Mud <u>1874</u>	P.S.I.		<u>11:12</u> P M	
B First Initial Flow Pressure <u>60</u>	P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure <u>51</u>	P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure <u>78</u>	P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>75</u> Mins.
E Second Initial Flow Pressure <u>64</u>	P.S.I.	Final Closed-in Pressure	<u>60</u> Mins.	<u>60</u> Mins.
F Second Final Flow Pressure <u>72</u>	P.S.I.			
G Final Closed-in Pressure <u>117</u>	P.S.I.			
H Final Hydrostatic Mud <u>1820</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>15</u> Inc.		Breakdown: <u>15</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 <u>0</u>	<u>60</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>72</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>55</u>	<u>3</u>	<u>80</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>52</u>	<u>10</u>	<u>52</u>	<u>6</u>	<u>88</u>
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>53</u>	<u>15</u>	<u>52</u>	<u>9</u>	<u>93</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>56</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>95</u>
P 6 <u>25</u>	<u>51</u>	<u>15</u>	<u>57</u>	<u>25</u>	<u>54</u>	<u>15</u>	<u>101</u>
P 7 <u>30</u>	<u>51</u>	<u>18</u>	<u>60</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>104</u>
P 8 <u>35</u>		<u>21</u>	<u>62</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>106</u>
P 9 <u>40</u>		<u>24</u>	<u>67</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>107</u>
P10 <u>45</u>		<u>27</u>	<u>68</u>	<u>45</u>	<u>62</u>	<u>27</u>	<u>110</u>
P11 <u>50</u>		<u>30</u>	<u>69</u>	<u>50</u>	<u>64</u>	<u>30</u>	<u>111</u>
P12 <u>55</u>		<u>33</u>	<u>70</u>	<u>55</u>	<u>66</u>	<u>33</u>	<u>111</u>
P13 <u>60</u>		<u>36</u>	<u>73</u>	<u>60</u>	<u>69</u>	<u>36</u>	<u>112</u>
P14		<u>39</u>	<u>75</u>	<u>65</u>	<u>70</u>	<u>39</u>	<u>113</u>
P15		<u>42</u>	<u>76</u>	<u>70</u>	<u>71</u>	<u>42</u>	<u>113</u>
P16		<u>45</u>	<u>78</u>	<u>75</u>	<u>72</u>	<u>45</u>	<u>114</u>
P17		<u>48</u>		<u>80</u>		<u>48</u>	<u>114</u>
P18		<u>51</u>		<u>85</u>		<u>51</u>	<u>115</u>
P19		<u>54</u>		<u>90</u>		<u>54</u>	<u>116</u>
P20		<u>57</u>				<u>57</u>	<u>116</u>
		<u>60</u>				<u>60</u>	<u>117</u>

Company Pendleton Land & Exploration, Inc. Lease & Well No. Dietz Trust #1
 Elevation 1913 Ground Level Formation - Effective Pay - Ft. Ticket No. 8768
 Date 12-29-80 Sec. 22 Twp. 16S Range 16W County Rush State Kansas
 Test Approved by Arthur E Hunt Western Representative Gene Eberhart
 Formation Test No. 6 Interval Tested from 3391 ft. to 3440 ft. Total Depth 3550 ft.
 Packer Depth 3391 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Packer Depth 3440 ft. Size 6 5/8 in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -
 Top Recorder Depth (Inside) 3409 ft. Recorder Number 2774 Cap. 4300
 Bottom Recorder Depth (Outside) 3412 ft. Recorder Number 10265 Cap. 4675
 Below Straddle Recorder Depth 3546 ft. Recorder Number 1558 Cap. 4200
 Drilling Contractor Buffalo Drilling Rig #7 Drill Collar Length 93 I. D. 2.2 in.
 Mud Type Starch Viscosity 60 Weight Pipe Length 467 I. D. 2.7 in.
 Weight 9.8 Water Loss 15.0 cc. Drill Pipe Length 2913 I. D. 3.8 in.
 Chlorides 70,000 P.P.M. Test Tool Length 28 ft. Tool Size 5 1/2 in.
 Jars: Make WTC Serial Number 421 Anchor Length 49 ft. Size 5 1/2 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 in.

Blow: Very weak died in 17 minutes of initial flow period. No blow during final flow period.

Recovered 5 ft. of mud

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 11:12 A.M. Time Started Off Bottom 2:30 A.M. Maximum Temperature 101
 Initial Hydrostatic Pressure 1874 P.S.I.
 Initial Flow Period 30 Minutes (B) 60 P.S.I. to (C) 51 P.S.I.
 Initial Closed In Period 45 Minutes (D) 78 P.S.I.
 Final Flow Period 75 Minutes (E) 64 P.S.I. to (F) 72 P.S.I.
 Final Closed In Period 60 Minutes (G) 117 P.S.I.
 Final Hydrostatic Pressure 1820 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

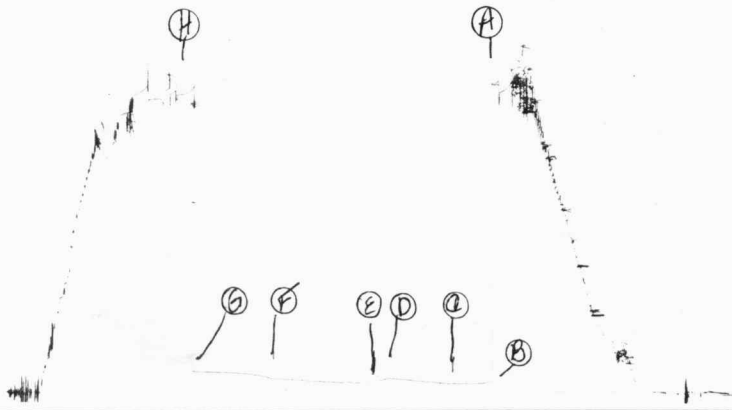
Date 12-29-80 Recorder No. 10265 Capacity 4675 Test Ticket No. 8768 Location 3412 Ft.
 Clock No. - Elevation 1913 Ground Level Well Temperature 101 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1874</u>	P.S.I.	<u>11:12P</u>	<u>M</u>
B First Initial Flow Pressure	<u>60</u>	P.S.I.	<u>30</u>	<u>Mins.</u>
C First Final Flow Pressure	<u>51</u>	P.S.I.	<u>45</u>	<u>Mins.</u>
D Initial Closed-in Pressure	<u>78</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
E Second Initial Flow Pressure	<u>64</u>	P.S.I.	<u>60</u>	<u>Mins.</u>
F Second Final Flow Pressure	<u>72</u>	P.S.I.		
G Final Closed-in Pressure	<u>117</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1820</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>15</u> Inc.		Breakdown: <u>15</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 <u>0</u>	<u>60</u>	<u>0</u>	<u>51</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>72</u>
P 2 <u>5</u>	<u>56</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>55</u>	<u>3</u>	<u>80</u>
P 3 <u>10</u>	<u>52</u>	<u>6</u>	<u>52</u>	<u>10</u>	<u>52</u>	<u>6</u>	<u>88</u>
P 4 <u>15</u>	<u>51</u>	<u>9</u>	<u>53</u>	<u>15</u>	<u>52</u>	<u>9</u>	<u>93</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>56</u>	<u>20</u>	<u>54</u>	<u>12</u>	<u>95</u>
P 6 <u>25</u>	<u>51</u>	<u>15</u>	<u>57</u>	<u>25</u>	<u>54</u>	<u>15</u>	<u>101</u>
P 7 <u>30</u>	<u>51</u>	<u>18</u>	<u>60</u>	<u>30</u>	<u>56</u>	<u>18</u>	<u>104</u>
P 8		<u>21</u>	<u>62</u>	<u>35</u>	<u>56</u>	<u>21</u>	<u>106</u>
P 9		<u>24</u>	<u>67</u>	<u>40</u>	<u>60</u>	<u>24</u>	<u>107</u>
P10		<u>27</u>	<u>68</u>	<u>45</u>	<u>62</u>	<u>27</u>	<u>110</u>
P11		<u>30</u>	<u>69</u>	<u>50</u>	<u>64</u>	<u>30</u>	<u>111</u>
P12		<u>33</u>	<u>70</u>	<u>55</u>	<u>66</u>	<u>33</u>	<u>111</u>
P13		<u>36</u>	<u>73</u>	<u>60</u>	<u>69</u>	<u>36</u>	<u>112</u>
P14		<u>39</u>	<u>75</u>	<u>65</u>	<u>70</u>	<u>39</u>	<u>113</u>
P15		<u>42</u>	<u>76</u>	<u>70</u>	<u>71</u>	<u>42</u>	<u>113</u>
P16		<u>45</u>	<u>78</u>	<u>75</u>	<u>72</u>	<u>45</u>	<u>114</u>
P17						<u>48</u>	<u>114</u>
P18						<u>51</u>	<u>115</u>
P19						<u>54</u>	<u>116</u>
P20						<u>57</u>	<u>116</u>
						<u>60</u>	<u>117</u>

TKT # 8768
0



TKT # 8768
Below Straddle

1552



