

Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 30 min: Shut-in Final hr. 30 min.

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2134</u>	<u>2017</u>
(B) Initial 1st Flow Pressure	<u>119</u>	<u>130</u>
(C) Final 1st Flow Pressure	<u>119</u>	<u>130</u>
(D) Initial Shut-in Pressure	<u>987</u>	<u>998</u>
(E) Initial 2nd Flow Pressure	<u>130</u>	<u>140</u>
(F) Final 2nd Flow Pressure	<u>130</u>	<u>140</u>
(G) Final Shut-in Pressure	<u>838</u>	<u>847</u>
(H) Final Hydrostatic Pressure	<u>2113</u>	<u>1996</u>

12645

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company PETROLEUM, INC.

Lease and Well No. PFEIFER H-#1

County GRAHAM State KANSAS

Date SEPTEMBER 11, 1973

Formation Test No. <u>1</u>	Total Depth <u>3825</u>	Elev. <u>2469 K.B.</u>
Interval Tested <u>3768</u>	To <u>3825</u>	Anchor Length <u>57'</u>
Size Hole <u>7 7/8</u>	Size Drill Pipe <u>4 1/2 F.H.</u>	Size Packer <u>6 3/4</u>
Mud Weight <u>9.3</u>	Viscosity <u>42</u>	Water Loss <u>6.0</u> c.c. Pottom Hole Temp. <u>115</u> °F
Chokes: Top <u>1/2</u>	Bottom <u>1/2</u>	Ticket No. <u>12645</u>
Length of Drill Collar <u>113</u>	I. D. <u>2.25</u>	Length Flexweight <u>842</u> I. D. <u>2.76</u>

RECOVERY

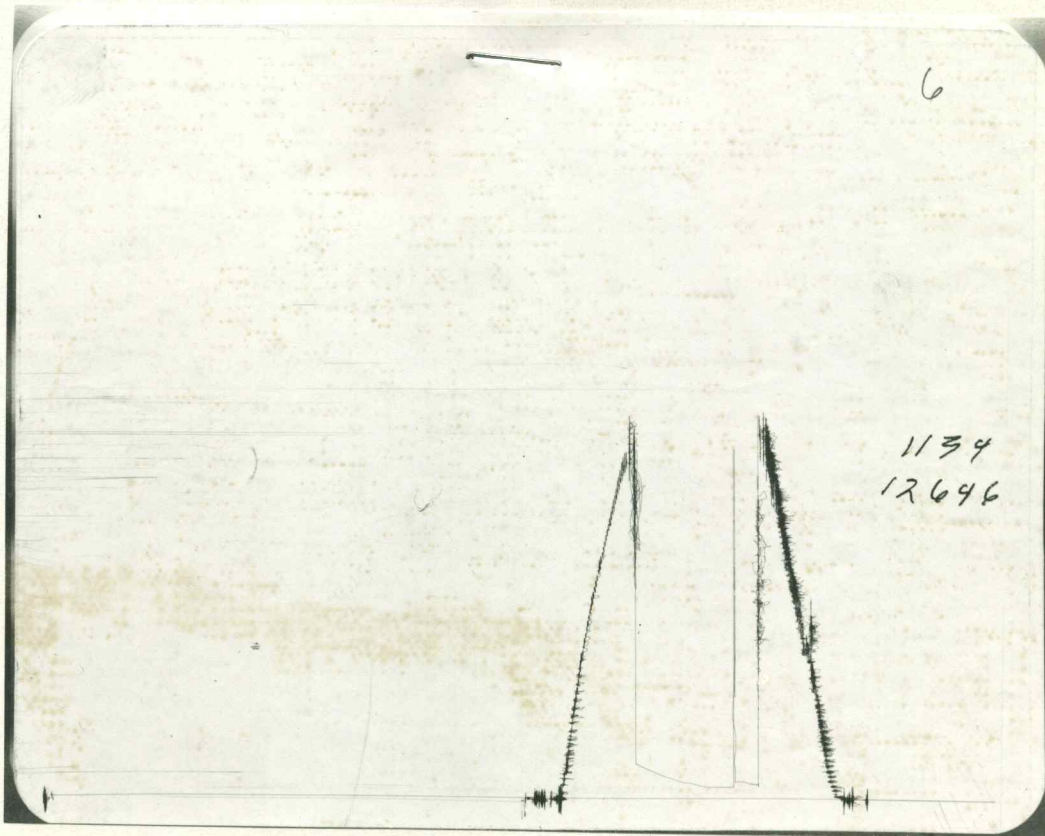
FAIR BLOW, DECREASED TO WEAK BLOW, DEAD IN 37 MINUTES. FLUSHED TOOL IN 9 MINUTES AFTER SECOND OPENING. VERY WEAK BLOW FOR 3 MINUTES.

70 FEET OF MUD WITH SPOTS OF OIL IN TOP OF TOOL.

SLID TOOL TO BOTTOM 6 FEET.

Lease and Well No. PFEIFER H-#1 10 10S 21W NE/NW/NE

Formation Test No. 1



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial 1 hr. min: 2nd Flow hr. min: Shut-in Final hr. min

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2166</u>	<u>2043</u>
(B) Initial 1st Flow Pressure	<u>76</u>	<u>78</u>
(C) Final 1st Flow Pressure	<u>87</u>	<u>78</u>
(D) Initial Shut-in Pressure	<u>227</u>	<u>212</u>
(E) Initial 2nd Flow Pressure	<u>NONE TAKEN</u>	<u>NONE TAKEN</u>
(F) Final 2nd Flow Pressure	<u>NONE TAKEN</u>	<u>NONE TAKEN</u>
(G) Final Shut-in Pressure	<u>NONE TAKEN</u>	<u>NONE TAKEN</u>
(H) Final Hydrostatic Pressure	<u>2145</u>	<u>1998</u>

12646

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Box 547

GREAT BEND, KANSAS

Company PETROLEUM, INC.

Lease and Well No. PFEIFER H-#1

County GRAHAM

State KANSAS

Date SEPTEMBER 12, 1973

Formation Test No. <u>2</u>	Total Depth <u>3990</u>	Elev. <u>2469 K.B.</u>
Interval Tested <u>3938</u>	To <u>3990</u>	Anchor Length <u>52'</u>
Size Hole <u>7 7/8</u>	Size Drill Pipe <u>4 1/2 F.H.</u>	Size Packer <u>6 3/4</u>
Mud Weight <u>9.2</u>	Viscosity <u>45</u>	Water Loss <u>4.8</u> c.c. Bottom Hole Temp. <u>124</u> °F
Chokes: Top <u>1/2</u>	Bottom <u>1/2</u>	Ticket No. <u>12646</u>
Length of Drill Collar <u>113</u>	I. D. <u>2.25</u>	Length Flexweight <u>842</u> I. D. <u>2.76</u>

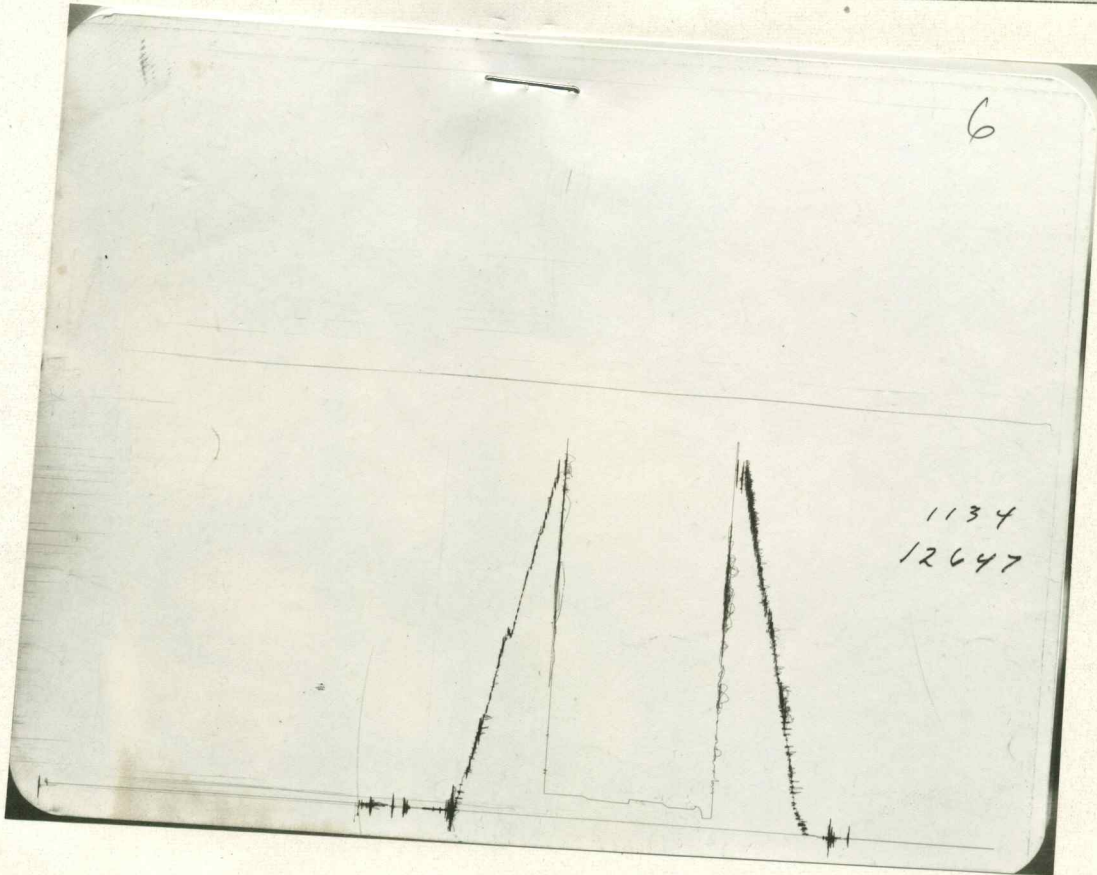
RECOVERY

WEAK BLOW DEAD IN 15 MINUTES. FLUSHED TOOL IN 18 MINUTES AFTER
TOOL OPENED. VERY WEAK BLOW FOR 3 MINUTES.

15 FEET OF MUD.

Lease and Well No. PFEIFER H-#1 10 10S 24W NE/NW/NE

Formation Test No. 2



Tool Open: 1st Flow hr. 30 mins: Shut-in Initial hr. 30 min: 2nd Flow hr. 30 min: Shut-in Final hr. 30 min

	Field Reading	Corrected Reading
(A) Initial Hydrostatic Pressure	<u>2166</u>	<u>2031</u>
(B) Initial 1st Flow Pressure	<u>76</u>	<u>60</u>
(C) Final 1st Flow Pressure	<u>119</u>	<u>111</u>
(D) Initial Shut-in Pressure	<u>152</u>	<u>143</u>
(E) Initial 2nd Flow Pressure	<u>119</u>	<u>116</u>
(F) Final 2nd Flow Pressure	<u>141</u>	<u>127</u>
(G) Final Shut-in Pressure	<u>152</u>	<u>143</u>
(H) Final Hydrostatic Pressure	<u>2145</u>	<u>2009</u>

12647

MILLER TESTING COMPANY

Box 547

GREAT BEND, KANSAS

Company PETROLEUM, INC.

Lease and Well No. PFEIFER H-#1

County GRAHAM State KANSAS Date SEPTEMBER 12, 1973

Formation Test No. 3 Total Depth 4010 Elev. 2469 K.B.

Interval Tested 3982 To 4010 Anchor Length 28'

Size Hole 7 7/8 Size Drill Pipe 4 1/2 F.H. Size Packer 6 3/4

Mud Weight 9.2 Viscosity 38 Water Loss 6.8 c.c. Bottom Hole Temp. 126 °F

Chokes: Top 1/2 Bottom 1/2 Ticket No. 12647

Length of Drill Collar 113 I. D. 2.25 Length Flexweight 842 I. D. 2.76

RECOVERY

STRONG BLOW DECREASING SOME BY THE END OF THE TEST.

10 FEET OF SLIGHTLY OIL AND GAS CUT MUD.
180 FEET OF HEAVY OIL AND GAS CUT MUD.

Lease and Well No. PFEIFER H-#1 IO 10S 24W NE/NW/NE
Formation Test No. 3

