

15-073-21147



2-23s-12E

Home Office: Wichita, Kansas 67201
P. O. Box 1599 (316) 838-0601

Company Petroleum Energy, Inc. Lease & Well No. Fankhauser #1
 Elevation 1030 Ground Level Formation Viola Effective Pay - Ft. Ticket No. 24533
 Date 12-11-76 Sec. 2 Twp. 23S Range 12E County Coffey State Kansas
 Test Approved by Paul D. Koontz Western Representative Norman Allen
 Formation Test No. 1 O.K. ☒ Misrun ☐ Interval Tested From 2108' to 2118' Total Depth 2118'
 Size Main Hole 6 1/4 Rat Hole ☐ Conv. ☐ B.T. ☒ Damaged ☐ Yes ☒ No Conv. ☒ B.T. ☐ Damaged ☐ Yes ☒ No
 Top Packer Depth 2103 Ft. Size 5 1/2 Bottom Packer Depth 2108 Ft. Size 5 1/2
 Straddle ☐ Conv. ☐ B.T. ☐ Damaged ☐ Yes ☐ No Packer Depth - Ft. Size -
 Tool Size 4 1/2 OD Tool Joint Size 3 1/2 IF Anchor Length 10 Ft. Size 4 1/2 OD Surface Choke Size 3/4 In. Bottom Choke Size 3/4 In.
 RECORDERS Depth 2110 Ft. Clock No. 8476 Depth 2113 Ft. Clock No. 6800
 Top Make Kuster Cap. 3150 No. 1564 ☒ Inside ☐ Outside Bottom Make Kuster Cap. 4200 No. 1558 ☒ Inside ☐ Outside
 Below Straddle: Depth - Rec. No. - Clock No. - ☒ Inside ☐ Outside Depth - Ft. Rec. No. - Clock No. - ☒ Inside ☐ Outside
 Time Set Packer 12:28P. M
 Tool Open I.F.P. From 12:30P M. to 1:00P M. - Hr. 30 Min. From (B) 17 P.S.I. To (C) 60 P.S.I.
 Tool Closed I.C.I.P. From 1:00P M. to 1:30P M. - Hr. 30 Min (D) 729 P.S.I.
 Tool Open F.F.P. From 1:30P M. to 2:30P M. - Hr. 60 Min. From (E) 96 P.S.I. To (F) 118 P.S.I.
 Tool Closed F.C.I.P. From 2:30P M. to 3:00P M. - Hr. 30 Min. (G) 716 P.S.I.
 Initial Hydrostatic Pressure (A) 1100 P.S.I. Final Hydrostatic Pressure (H) 1085 P.S.I. Maximum Temp. 97

INFORMATION

BLOW Weak, steady blow throughout test.Did Well Flow ☐ Yes ☒ No Recovery Total Ft. 240' of sulphur cut salt water.Reversed Out ☐ Yes ☒ No Mud Type Chem Viscosity 42 Weight 9.2 Water Loss 11 cc. Chlorides 1300 PPMEXTRA EQUIPMENT: Type Circ. Sub. Pin Safety Joint ☐ Jars: Size - In. Make - Ser. No. -Dual Packer Yes Did Packers Hold? Yes Did Tool Plug? No Where? -DRILLING CONTRACTOR B & N Drlg. Co. Length Drill Pipe? 1968 Ft. I.D. Drill Pipe 2.7 In. Tool Joint Size 3 1/2 IF In.Length Weight Pipe - Ft. I.D. Weight Pipe - In. Tool Joint Size - In. Length Drill Collars 120 Ft. I.D. Drill Collars 2 In.Tool Joint Size 3 1/2 IF In. Length D.S.T. Tool 30 Ft.

Remarks:

WESTERN TESTING CO., INC.

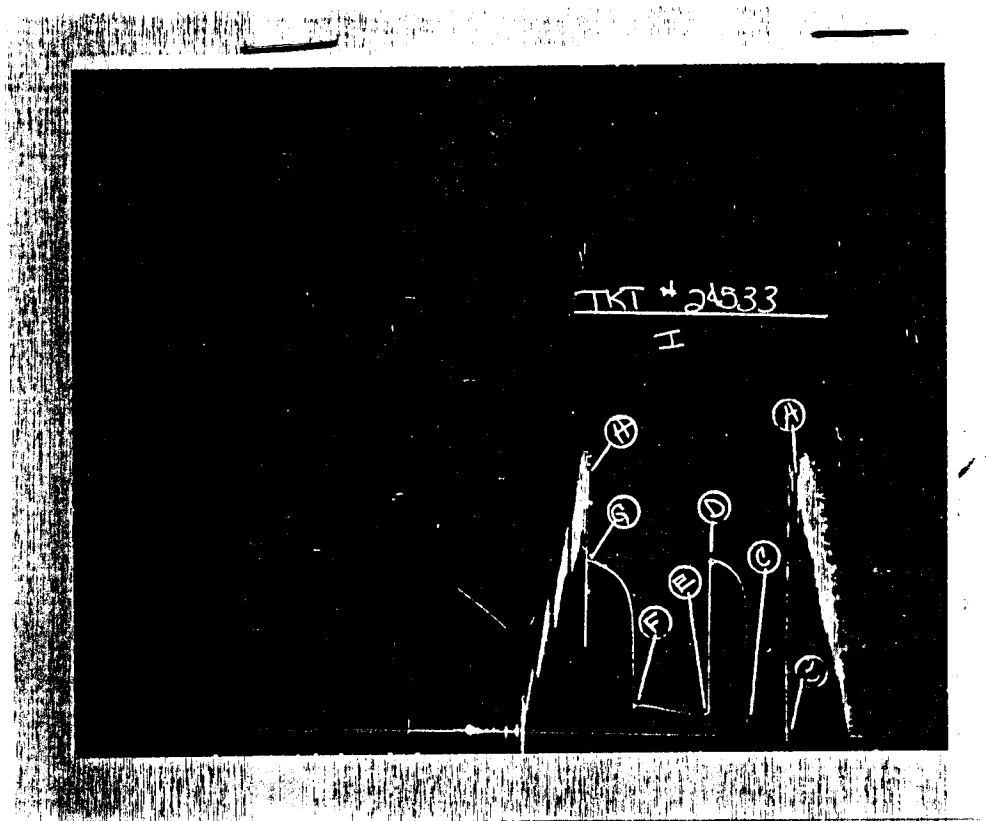
Pressure Data

Date 12-11-76 Test Ticket No. 24533
 Recorder No. 1564 Capacity 3150 Location 2110 Ft.
 Clock No. 8476 Elevation 1030 Ground Level Well Temperature 97 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1100</u> P.S.I.	Open Tool	<u>12:28P.</u> M	
B First Initial Flow Pressure	<u>17</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>60</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>729</u> P.S.I.	Second Flow Pressure	<u>60</u> Mins.	<u>60</u> Mins.
E Second Initial Flow Pressure	<u>96</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>36</u> Mins.
F Second Final Flow Pressure	<u>118</u> P.S.I.			
G Final Closed-in Pressure	<u>716</u> P.S.I.			
H Final Hydrostatic Mud	<u>1085</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>10</u> Inc.		Breakdown: <u>12</u> Inc.		Breakdown: <u>12</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>17</u>	<u>0</u>	<u>60</u>	<u>0</u>	<u>96</u>	<u>0</u>	<u>118</u>
P 2 <u>5</u>	<u>23</u>	<u>3</u>	<u>584</u>	<u>5</u>	<u>85</u>	<u>3</u>	<u>539</u>
P 3 <u>10</u>	<u>24</u>	<u>6</u>	<u>634</u>	<u>10</u>	<u>85</u>	<u>6</u>	<u>586</u>
P 4 <u>15</u>	<u>31</u>	<u>9</u>	<u>659</u>	<u>15</u>	<u>86</u>	<u>9</u>	<u>619</u>
P 5 <u>20</u>	<u>40</u>	<u>12</u>	<u>676</u>	<u>20</u>	<u>90</u>	<u>12</u>	<u>640</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>692</u>	<u>25</u>	<u>95</u>	<u>15</u>	<u>654</u>
P 7 <u>30</u>	<u>60</u>	<u>18</u>	<u>701</u>	<u>30</u>	<u>99</u>	<u>18</u>	<u>667</u>
P 8		<u>21</u>	<u>712</u>	<u>35</u>	<u>102</u>	<u>21</u>	<u>679</u>
P 9		<u>24</u>	<u>718</u>	<u>40</u>	<u>108</u>	<u>24</u>	<u>688</u>
P10		<u>27</u>	<u>723</u>	<u>45</u>	<u>113</u>	<u>27</u>	<u>697</u>
P11		<u>30</u>	<u>729</u>	<u>50</u>	<u>116</u>	<u>30</u>	<u>703</u>
P12				<u>55</u>	<u>116</u>	<u>33</u>	<u>711</u>
P13				<u>60</u>	<u>118</u>	<u>36</u>	<u>716</u>
P14							
P15							
P16							
P17							
P18							
P19							
P20							



This is an actual photograph of recorder chart.

POINT	PRESSURE	
	Field Reading	Office Reading
(A) Initial Hydrostatic Mud	1015	1100
(B) First Initial Flow Pressure	23	17
(C) First Final Flow Pressure	62	60
(D) Initial Closed-in Pressure	725	729
(E) Second Initial Flow Pressure	85	96
(F) Second Final Flow Pressure	116	118
(G) Final Closed-in Pressure	715	716
(H) Final Hydrostatic Mud	1015	1085