



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

WESTERN TESTING CO., INC.

FORMATION TESTING

Kelly Bashing.

TICKET NO

8576

Elevation

1734 K.B.

Formation

Tarkio

Eff. Pay

District

GREAT Bend

Date

9-26-80

Customer Order No.

COMPANY NAME

Petroleum Energy, Inc.

ADDRESS

Suite 710 One Twenty Bldg., Wichita, Ks. 67202

LEASE AND WELL NO

#1 Weimaster COUNTY Russell

STATE

Ks.

Sec.

36

Twp.

14

Rge.

13

Mail Invoice To

Same As Above

No. Copies Requested

5

Mail Charts To

Co. Name

"

Address

Whitman (copy)

Address

No. Copies Requested

58

Formation Test No.

1

Interval Tested from

2237

ft. to

2300

ft.

Total Depth

2300

ft.

Packer Depth

2232

ft.

Size

6 5/8

in.

Packer Depth

2237

ft.

Size

6 5/8

in.

Packer Depth

ft.

Size

in.

Packer Depth

ft.

Size

in.

Depth of Selective Zone Set

Top Recorder Depth (Inside)

2257

ft.

Recorder Number

3474

Cap.

3000

Bottom Recorder Depth (Outside)

2260

ft.

Recorder Number

3659

Cap.

4000

Below Straddle Recorder Depth

ft.

Recorder Number

Cap.

Drilling Contractor

White + Ellis Rig 2

Drill Collar Length

284

I. D.

2.7

in.

Mud Type

Starch

Viscosity

38

Weight Pipe Length

I. D.

in.

Weight

9.8

Water Loss

120

cc.

Drill Pipe Length

1931

I. D.

3.8

in.

Chlorides

P.P.M.

Test Tool Length

22

ft.

Tool Size

5 3/4

in.

Jars: Make

NO

Serial Number

NO

Anchor Length

63

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

in.

Blow: Weak Steady 1" Throughout Flow Periods.

Recovered

75

ft. of

oil specked thin mud

Recovered

ft. of

Recovered

ft. of

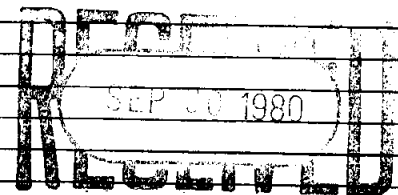
Recovered

ft. of

Recovered

ft. of

Remarks:



Time On Location

1:30

P.M.

Time Pick Up Tool

2:30

P.M.

Time Off Location

8:15

P.M.

Time Set Packer(s)

3:43

P.M.

Time Started Off Bottom

6:45

P.M.

Maximum Temperature

84

Initial Hydrostatic Pressure

(A)

1296

P.S.I.

Initial Flow Period

Minutes

45

(B)

30

P.S.I. to

(C)

38

P.S.I.

Initial Closed In Period

Minutes

45

(D)

704

P.S.I.

Final Flow Period

Minutes

45

(E)

61

P.S.I. to

(F)

61

P.S.I.

Final Closed In Period

Minutes

45

(G)

613

P.S.I.

Final Hydrostatic Pressure

(H)

1296

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

Denis Warden Thank you

FIELD INVOICE

Open Hole Test

\$550

Misrun

\$

Straddle Test

\$

Jars

\$

Selective Zone

\$

Safety Joint

\$

Standby

\$

Evaluation

\$

Extra Packer

\$

Circ. Sub.

\$

Mileage

\$26.25

Fluid Sampler

\$

Extra Charts

\$

Insurance

\$

TOTAL

\$572.25

WESTERN TESTING CO., INC.

Pressure Data

Date 9-26-80 Test Ticket No. 8576
 Recorder No. 3474 Capacity 3000 Location 2257 Ft.
 Clock No. Elevation 1734 KB Well Temperature 84 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1247</u> P.S.I.	<u>3:43</u> P _M	
B First Initial Flow Pressure	<u>48</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>74</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
D Initial Closed-in Pressure	<u>702</u> P.S.I.	<u>45</u> Mins.	<u>40</u> Mins.
E Second Initial Flow Pressure	<u>71</u> P.S.I.	<u>45</u> Mins.	<u>45</u> Mins.
F Second Final Flow Pressure	<u>64</u> P.S.I.		
G Final Closed-in Pressure	<u>612</u> P.S.I.		
H Final Hydrostatic Mud	<u>1223</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 9 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

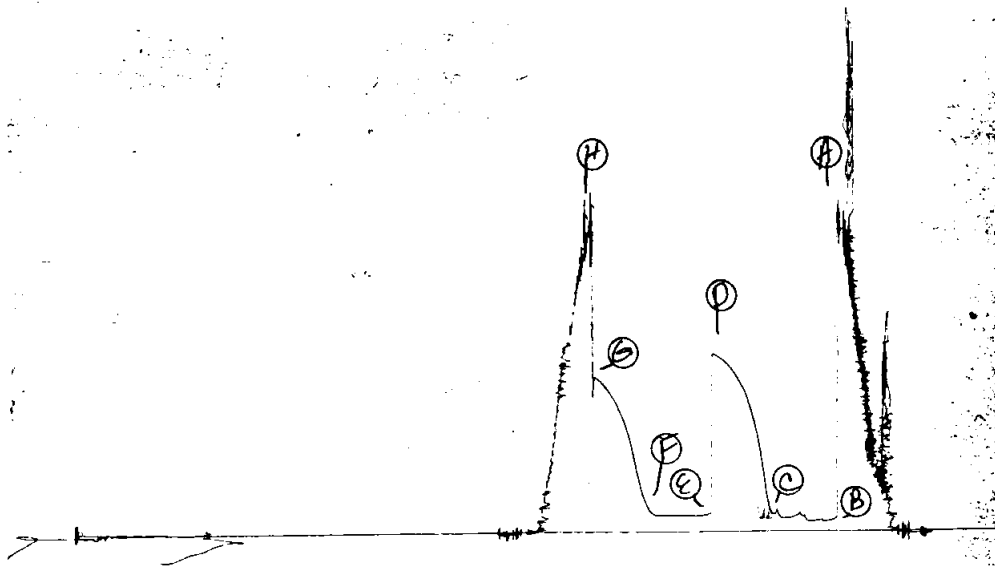
Initial Shut-In
 Breakdown: 15 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Second Flow Pressure
 Breakdown: 8 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 0	<u>48</u>	0	<u>74</u>	0	<u>71</u>	0	<u>64</u>
P 2 5	<u>41</u>	3	<u>124</u>	5	<u>67</u>	3	<u>79</u>
P 3 10	<u>47</u>	6	<u>233</u>	10	<u>64</u>	6	<u>111</u>
P 4 15	<u>42</u>	9	<u>330</u>	15		9	<u>153</u>
P 5 20	<u>41</u>	12	<u>414</u>	20		12	<u>215</u>
P 6 25	<u>62</u>	15	<u>471</u>	25		15	<u>292</u>
P 7 30	<u>61</u>	18	<u>521</u>	30		18	<u>362</u>
P 8 35	<u>55</u>	21	<u>562</u>	35		21	<u>414</u>
P 9 40	<u>56</u>	24	<u>591</u>	40	<u>64</u>	24	<u>455</u>
P10 45	<u>74</u>	27	<u>620</u>	45		27	<u>494</u>
P11 50		30	<u>642</u>	50		30	<u>523</u>
P12 55		33	<u>661</u>	55		33	<u>548</u>
P13 60		36	<u>676</u>	60		36	<u>573</u>
P14		39	<u>686</u>	65		39	<u>591</u>
P15		42	<u>697</u>	70		42	<u>605</u>
P16		45	<u>702</u>	75		45	<u>612</u>
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

JK# 8576
I



Company Petroleum Energy, Inc. Lease & Well No. #1 Weimaster
Elevation 1734 Kelly Bushing Formation Tarkio Effective Pay. ----- Ft. Ticker No. 8576
Date 9-26-80 Sec. 36 Twp. 14 S Range 13 W County Russell State Kansas
Test Approved by Jim Musgrove Western Representative Dennis Wondra

Formation Test No. 1 Interval Tested from 2237 ft. to 2300 ft. Total Depth 2300 ft.

Packer Depth 2232 ft. Size 6 5/8 in. Packer Depth 2237 ft. Size 6 5/8 in.

Packer Depth ----- ft. Size ----- in. Packer Depth ----- ft. Size ----- in.

Depth of Selective Zone Set -----

Top Recorder Depth (Inside) 2257 ft.

Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 2260 ft.

Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth ----- ft.

Recorder Number ----- Cap. -----

Drilling Contractor White & Ellis Rig #2

Drill Collar Length 284 I. D. 2.7 in.

Mud Type Starch Viscosity 38

Weight Pipe Length ----- I. D. ----- in.

Weight 9.8 Water Loss 12.0 cc.

Drill Pipe Length 1931 I. D. 3.8 in.

Chlorides ----- P.P.M.

Test Tool Length 22 ft. Tool Size 5 1/2 OD in.

Jars: Make ----- Serial Number -----

Anchor Length 63 ft. Size 5 1/2 OD 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 FH in.

Blow: Weak. Steady 1" throughout flow periods.

Recovered 75 ft. of oil specked thin mud.

Recovered ----- ft. of -----

Recovered ----- ft. of -----

Recovered ----- ft. of -----

Recovered ----- ft. of -----

Remarks: -----

Time Set Packer(s) 3:43 ~~AM~~ PM Time Started Off Bottom 6:45 AM PM Maximum Temperature 84

Initial Hydrostatic Pressure (A) 1247 P.S.I.

Initial Flow Period Minutes 45 (B) 48 P.S.I. to (C) 74 P.S.I.

Initial Closed In Period Minutes 45 (D) 702 P.S.I.

Final Flow Period Minutes 40 (E) 71 P.S.I. to (F) 64 P.S.I.

Final Closed In Period Minutes 45 (G) 612 P.S.I.

Final Hydrostatic Pressure (H) 1223 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 9-26-80 Test Ticket No. 8576
 Recorder No. 3474 Capacity 3000 Location 2257 Ft.
 Clock No. ----- Elevation 1734 Kelly Bushing Well Temperature 84 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1247	P.S.I.	3:43	P M
B First Initial Flow Pressure	48	P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	74	P.S.I.	45 Mins.	45 Mins.
D Initial Closed-in Pressure	702	P.S.I.	45 Mins.	40 Mins.
E Second Initial Flow Pressure	71	P.S.I.	45 Mins.	45 Mins.
F Second Final Flow Pressure	64	P.S.I.		
G Final Closed-in Pressure	612	P.S.I.		
H Final Hydrostatic Mud	1223	P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>15</u> Inc.		Breakdown: <u>8</u> Inc.		Breakdown: <u>15</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>	48	<u>0</u>	74	<u>0</u>	71	<u>0</u>	64
P 2 <u>5</u>	41	<u>3</u>	124	<u>5</u>	64	<u>3</u>	79
P 3 <u>10</u>	47	<u>6</u>	233	<u>10</u>	64	<u>6</u>	111
P 4 <u>15</u>	42	<u>9</u>	330	<u>15</u>	64	<u>9</u>	153
P 5 <u>20</u>	41	<u>12</u>	414	<u>20</u>	64	<u>12</u>	215
P 6 <u>25</u>	62	<u>15</u>	471	<u>25</u>	64	<u>15</u>	292
P 7 <u>30</u>	61	<u>18</u>	521	<u>30</u>	64	<u>18</u>	362
P 8 <u>35</u>	55	<u>21</u>	562	<u>35</u>	64	<u>21</u>	414
P 9 <u>40</u>	56	<u>24</u>	591	<u>40</u>	64	<u>24</u>	455
P10 <u>45</u>	74	<u>27</u>	620			<u>27</u>	494
P11		<u>30</u>	642			<u>30</u>	523
P12		<u>33</u>	661			<u>33</u>	548
P13		<u>36</u>	676			<u>36</u>	573
P14		<u>39</u>	686			<u>39</u>	591
P15		<u>42</u>	697			<u>42</u>	605
P16		<u>45</u>	702			<u>45</u>	612
P17							
P18							
P19							
P20							