



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO. 4264

P. O. BOX 1599 WICHITA, KANSAS 67201
PHONE (316) 838-0601

Elevation 0 Formation Arbuckle Eff. Pay Ft.

District Great Bend Date 6-29-80 Customer Order No.

COMPANY NAME Petroleum Energy, Inc.

ADDRESS Suite 710, One Twenty Bldg. Wichita, KS 67202

LEASE AND WELL NO. #1 Kronke COUNTY Ellsworth STATE KS. Sec. 11 Twp. 17S Rge. 10W

Mail Invoice To Kronke As Above No. Copies Requested 5

Mail Charts To one copy to J.L. Musgrove No. Copies Requested 58

Formation Test No. 1 Interval Tested from 3278 ft. to 3290 ft. Total Depth 3290 ft.
Packer Depth 3273 ft. Size 6 3/4 in. Packer Depth 3278 ft. Size 6 3/4 in.
Packer Depth ft. Size in. Packer Depth ft. Size in.

Top Recorder Depth (Inside) 3280 ft. Recorder Number 3474 Cap 3000
Bottom Recorder Depth (Outside) 3283 ft. Recorder Number 3659 Cap 4000
Below Straddle Recorder Depth ft. Recorder Number Cap

Drilling Contractor White & Ellis Rig 2 Drill Collar Length 300 I. D. 2.7 in.
Mud Type Starch Viscosity 46 Weight Pipe Length I. D. in.
Weight 10.1 Water Loss 13.2 cc. Drill Pipe Length 2956 I. D. 3.8 in.
Chlorides 81,000 P.P.M. Test Tool Length 22 ft. Tool Size 5300 in.
Jars: Make Serial Number Anchor Length 12 ft. Size 5300 in.
Did Well Flow? yes Reversed Out NO 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 FH in.

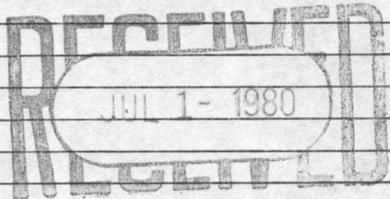
Blow: Weak. Increased To Fair By End Of 1st P.P. Period
Steady 2" Blow Throughout 2nd Opening.

Recovered 60 ft. of Gas In Pipe
Recovered 120 ft. of Muddy O.I.
Recovered ft. of
Recovered ft. of
Recovered ft. of

Remarks:

Arrived 12:45 P.M. Departed 7:30 P.M.

Table with 4 columns: Time Set Packer(s), AM/PM, Time Started Off Bottom, AM/PM, Maximum Temperature. Rows include Initial Hydrostatic Pressure, Initial Flow Period, Initial Closed In Period, Final Flow Period, Final Closed In Period, Final Hydrostatic Pressure.



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 Jim Musgrove
Signature of Customer or his authorized representative

Western Representative Denis Wondra
Thank you

FIELD INVOICE

Table with 2 columns: Item, Amount. Items include Open Hole Test (\$550), Misrun, Straddle Test, Jars, Selective Zone, Safety Joint, Standby, Evaluation, Extra Packer, Circ. Sub., Mileage X 754 (\$18.75), Fluid Sampler, Extra Charts, TOTAL (\$568.75).

WESTERN TESTING CO., INC.

Pressure Data

Date 6-29 Test Ticket No. 4264
 Recorder No. 3474 Capacity 3000 Location 3280 Ft.
 Clock No. — Elevation — Well Temperature 115 °F

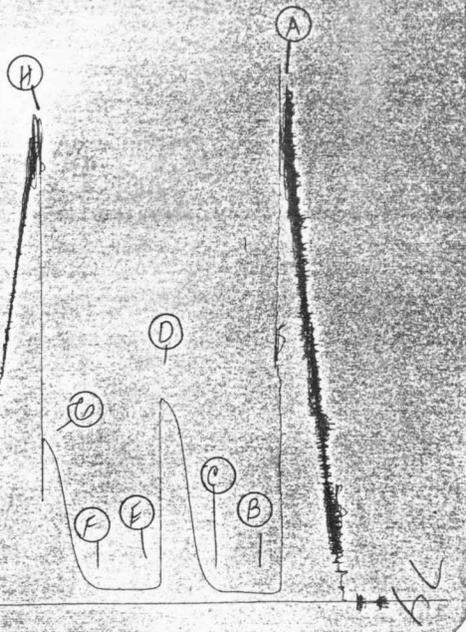
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1915</u>	P.S.I.	<u>2:43 P</u>	<u>M</u>
B First Initial Flow Pressure	<u>38</u>	P.S.I.	<u>45</u>	<u>45</u> Mins.
C First Final Flow Pressure	<u>44</u>	P.S.I.	<u>45</u>	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>803</u>	P.S.I.	<u>45</u>	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>64</u>	P.S.I.	<u>45</u>	<u>42</u> Mins.
F Second Final Flow Pressure	<u>59</u>	P.S.I.		
G Final Closed-in Pressure	<u>654</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1909</u>	P.S.I.		

PRESSURE BREAKDOWN

<p>First Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.</p>	<p>Initial Shut-In Breakdown: <u>14</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.</p>	<p>Second Flow Pressure Breakdown: <u>9</u> Inc. of <u>5</u> mins. and a final inc. of <u>0</u> Min.</p>	<p>Final Shut-In Breakdown: <u>14</u> Inc. of <u>3</u> mins. and a final inc. of <u>0</u> Min.</p>
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Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	<u>38</u>	0	<u>44</u>	0	<u>64</u>	0	<u>59</u>
P 2	<u>35</u>	3	<u>56</u>	3	<u>61</u>	3	<u>64</u>
P 3	<u>33</u>	6	<u>73</u>	6	<u>57</u>	6	<u>76</u>
P 4	<u>35</u>	9	<u>89</u>	9	<u>56</u>	9	<u>91</u>
P 5	<u>37</u>	12	<u>126</u>	12	<u>56</u>	12	<u>116</u>
P 6	<u>40</u>	15	<u>183</u>	15	<u>56</u>	15	<u>152</u>
P 7	<u>41</u>	18	<u>274</u>	18	<u>56</u>	18	<u>206</u>
P 8	<u>43</u>	21	<u>395</u>	21	<u>57</u>	21	<u>280</u>
P 9	<u>44</u>	24	<u>530</u>	24	<u>58</u>	24	<u>370</u>
P10	<u>44</u>	27	<u>630</u>	27	<u>59</u>	27	<u>464</u>
P11		30	<u>709</u>	30		30	<u>535</u>
P12		33	<u>745</u>	33		33	<u>591</u>
P13		36	<u>773</u>	36		36	<u>620</u>
P14		39	<u>792</u>	39		39	<u>646</u>
P15		42	<u>803</u>	42		42	<u>654</u>
P16		45		45		45	
P17		48		48		48	
P18		51		51		51	
P19		54		54		54	
P20		57		57		57	
		60		60		60	

~~JKL#4264~~
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Company Petroleum Energy, Inc. Lease & Well No. Krenke "A" #1
 Elevation -- Formation Arbuckle Effective Pay - Ft. Ticket No. 4264
 Date 6/29/80 Sec. 11 Twp. 17S Range 10W County Ellsworth State Kansas
 Test Approved by Jim Musgrove Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 3278 ft. to 3290 ft. Total Depth 3290 ft.
 Packer Depth 3273 ft. Size 6 3/4 in. Packer Depth 3278 ft. Size 6 3/4 in.
 Packer Depth - ft. Size - in. Packer Depth - ft. Size - in.
 Depth of Selective Zone Set -

Top Recorder Depth (Inside) 3280 ft. Recorder Number 3474 Cap. 3000
 Bottom Recorder Depth (Outside) 3283 ft. Recorder Number 3659 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drilling Rig #2 Drill Collar Length 300 I. D. 2.7 in.
 Mud Type starch Viscosity 40 Weight Pipe Length - I. D. - in.
 Weight 10.1 Water Loss 13.2 cc. Drill Pipe Length 2956 I. D. 3.8 in.
 Chlorides 81,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 D in.
 Jars: Make -- Serial Number - Anchor Length 12 ft. Size 5 1/2 OD in.
 Did Well Flow? Yes 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; increased to fair by end of first flow period. Steady two inch blow throughout second opening.

Recovered 60 ft. of gas in pipe
 Recovered 120 ft. of muddy oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 2:43 ~~AM~~ P.M. Time Started Off Bottom 5:50 ~~AM~~ P.M. Maximum Temperature 115°
 Initial Hydrostatic Pressure (A) 1915 P.S.I.
 Initial Flow Period Minutes 45 (B) 38 P.S.I. to (C) 44 P.S.I.
 Initial Closed In Period Minutes 42 (D) 803 P.S.I.
 Final Flow Period Minutes 45 (E) 64 P.S.I. to (F) 59 P.S.I.
 Final Closed In Period Minutes 42 (G) 654 P.S.I.
 Final Hydrostatic Pressure (H) 1909 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 6/29/80 Recorder No. 3474 Capacity 3000 Test Ticket No. 4264
 Location 3280 Ft. Well Temperature 115 °F
 Clock No. ---- Elevation ----

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1915</u> P.S.I.	Open Tool	<u>2:43P</u> M	
B First Initial Flow Pressure	<u>38</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>44</u> P.S.I.	Initial Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
D Initial Closed-in Pressure	<u>803</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>64</u> P.S.I.	Final Closed-in Pressure	<u>45</u> Mins.	<u>42</u> Mins.
F Second Final Flow Pressure	<u>59</u> P.S.I.			
G Final Closed-in Pressure	<u>654</u> P.S.I.			
H Final Hydrostatic Mud	<u>1909</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>9</u> Inc.		Breakdown: <u>14</u> Inc.		Breakdown: <u>9</u> Inc.		Breakdown: <u>14</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>44</u>	<u>0</u>	<u>64</u>	<u>0</u>	<u>59</u>
P 2	<u>5</u>	<u>3</u>	<u>56</u>	<u>5</u>	<u>61</u>	<u>3</u>	<u>64</u>
P 3	<u>10</u>	<u>6</u>	<u>73</u>	<u>10</u>	<u>57</u>	<u>6</u>	<u>76</u>
P 4	<u>15</u>	<u>9</u>	<u>89</u>	<u>15</u>	<u>56</u>	<u>9</u>	<u>91</u>
P 5	<u>20</u>	<u>12</u>	<u>126</u>	<u>20</u>	<u>56</u>	<u>12</u>	<u>116</u>
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P 8	<u>35</u>	<u>21</u>	<u>395</u>	<u>35</u>	<u>57</u>	<u>21</u>	<u>280</u>
P 9	<u>40</u>	<u>24</u>	<u>530</u>	<u>40</u>	<u>58</u>	<u>24</u>	<u>370</u>
P10	<u>45</u>	<u>27</u>	<u>630</u>	<u>45</u>	<u>59</u>	<u>27</u>	<u>464</u>
P11		<u>30</u>	<u>709</u>			<u>30</u>	<u>535</u>
P12		<u>33</u>	<u>745</u>			<u>33</u>	<u>591</u>
P13		<u>36</u>	<u>773</u>			<u>36</u>	<u>620</u>
P14		<u>39</u>	<u>792</u>			<u>39</u>	<u>646</u>
P15		<u>42</u>	<u>803</u>			<u>42</u>	<u>654</u>
P16							
P17							
P18							
P19							
P20							