



WESTERN TESTING CO., Inc.
P. O. Box 1599
WICHITA, KANSAS
67201

DATE 1/5/80

CHARGE TO

Petroleum Energy, Inc.
Suite 710, One Twenty Building
Wichita, Kansas 67202

Well Report No. 4296
Unit No.
District

FOR CUSTOMER'S USE ONLY

Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Adjustments	
Accounting Distribution	
Audited	Final Approval

Your Order No.	Owner	Contractor		
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Well No.	Farm	County	Sec.	Twp.	Range
#1	Radenburg "A"	Barton	34	18S	11W

One drill stem test from 3090' to 3134' (Test 1) \$ 500.00

POSTED

Discount \$5.00	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 4296
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET N^o 4296

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

Elevation 1785 KB Formation LANSING Eff. Pay Ft.

District Great Bend Date 1-5-80 Customer Order No.

COMPANY NAME PETROLEUM ENERGY INC.

ADDRESS SUITE 710-ONE TWENTY BLDG WICHITA KS 67202

LEASE AND WELL NO. #1 Radenburg-A COUNTY BARTON STATE KS Sec. 34 Twp 18S Rge 11 W

Mail Invoice To SAME No. Copies Requested 5

Co. Name SAME Address

Mail Charts To SAME No. Copies Requested 57

Formation Test No. 1 Interval Tested from 3090 ft. to 3134 ft. Total Depth 3134 ft.

Packer Depth 3085 ft. Size 6 3/4 in. Packer Depth 3090 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) 3127 ft. Recorder Number 969 Cap. 4200

Bottom Recorder Depth (Outside) 3130 ft. Recorder Number 1051 Cap. 4250

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor White & Ellis #2 Drill Collar Length 195 I. D. 2 1/4 in.

Mud Type STARCH Viscosity 39 Weight Pipe Length I. D. in.

Weight 10.3 Water Loss 11.4 cc. Drill Pipe Length 2874 I. D. 3.8 in.

Chlorides 71,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.

Jars: Make Serial Number 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 FH in.

Blow: WEAK BLOW DIED IN 24 MIN OF FIRST OPENING

NO BLOW SECOND OPENING - FLUSH TOOL - WEAK BLOW DIED IN 12 MIN

Recovered 30 ft. of MUD

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 4:57 ~~AM~~ P.M. Time Started Off Bottom 6:50 ~~AM~~ P.M. Maximum Temperature 109

Initial Hydrostatic Pressure (A) 1748 P.S.I.

Initial Flow Period 30 Minutes (B) 61 P.S.I. to (C) 40 P.S.I.

Initial Closed In Period 30 Minutes (D) 51 P.S.I.

Final Flow Period 20 Minutes (E) 61 P.S.I. to (F) 51 P.S.I.

Final Closed In Period 20 Minutes (G) 61 P.S.I.

Final Hydrostatic Pressure (H) 1706 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 Roger Linsley
Signature of Customer or his authorized representative

Western Representative Roger Linsley

FIELD INVOICE

Open Hole Test ✓ 500.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$
Fluid Sampler \$
Extra Charts \$
TOTAL \$ 500.00

WESTERN TESTING CO., INC.

Pressure Data

Date 1-5-80 Test Ticket No. 4296
 Recorder No. 969 Capacity 4200 Location 3127 Ft.
 Clock No. — Elevation 1785 KB Well Temperature 109 °F

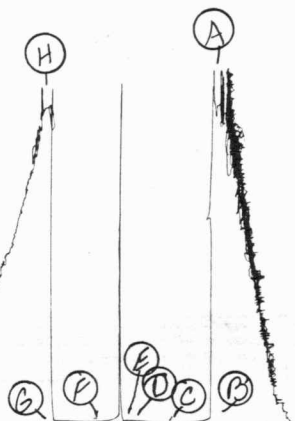
Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1740</u>	P.S.I.	<u>4:57 PM</u>	
B First Initial Flow Pressure	<u>61</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>50</u>	P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>67</u>	P.S.I.	<u>20</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>63</u>	P.S.I.	<u>20</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>65</u>	P.S.I.		
G Final Closed-in Pressure	<u>69</u>	P.S.I.		
H Final Hydrostatic Mud	<u>1722</u>	P.S.I.		

as you can tell this one gave me fits but its o.k. now. Sorry about the mess!

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>4</u> Inc.		Breakdown: <u>10</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>61</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>60</u>
P 2 <u>5</u>	<u>61</u>	<u>3</u>	<u>51</u>	<u>5</u>	<u>63</u>	<u>3</u>	<u>60</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>53</u>	<u>10</u>	<u>63</u>	<u>6</u>	<u>60</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>55</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>60</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>57</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>60</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>59</u>	<u>25</u>	<u>65</u>	<u>15</u>	<u>63</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>61</u>	<u>30</u>	<u>65</u>	<u>18</u>	<u>65</u>
P 8 <u>35</u>		<u>21</u>	<u>63</u>	<u>35</u>		<u>21</u>	<u>66</u>
P 9 <u>40</u>		<u>24</u>	<u>64</u>	<u>40</u>		<u>24</u>	<u>67</u>
P10 <u>45</u>		<u>27</u>	<u>66</u>	<u>45</u>		<u>27</u>	<u>68</u>
P11 <u>50</u>		<u>30</u>	<u>67</u>	<u>50</u>		<u>30</u>	<u>69</u>
P12 <u>55</u>		<u>33</u>	<u>68</u>	<u>55</u>		<u>33</u>	
P13 <u>60</u>		<u>36</u>		<u>60</u>		<u>36</u>	
P14		<u>39</u>		<u>65</u>		<u>39</u>	
P15		<u>42</u>		<u>70</u>		<u>42</u>	
P16		<u>45</u>		<u>75</u>		<u>45</u>	
P17		<u>48</u>		<u>80</u>		<u>48</u>	
P18		<u>51</u>		<u>85</u>		<u>51</u>	
P19		<u>54</u>		<u>90</u>		<u>54</u>	
P20		<u>57</u>				<u>57</u>	
		<u>60</u>				<u>60</u>	

164 # 4296
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Company Petroleum Energy, Inc. Lease & Well No. Radenburg "A" #1
 Elevation 1785 Kelly Bushing Lansing Effective Pay -- Ft. Ticket No. 4296
 Date 1/5/80 Sec. 34 Twp. 18S Range 11W County Barton State Kansas
 Test Approved by Jim Musgrove Western Representative Roger Lisenby
 Formation Test No. 1 Interval Tested from 3090 ft. to 3134 ft. Total Depth 3134 ft.
 Packer Depth 3085 ft. Size 6 3/4 in. Packer Depth 3090 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) 3127 ft. Recorder Number 969 Cap. 4200
 Bottom Recorder Depth (Outside) 3130 ft. Recorder Number 1051 Cap. 4250
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
 Drilling Contractor White & Ellis Drilling Rig #2 Drill Collar Length 195 I. D. 2 1/4 in.
 Mud Type starch Viscosity 39 Weight Pipe Length -- I. D. -- in.
 Weight 10.3 Water Loss 11.6 cc. Drill Pipe Length 2874 I. D. 3.8 in.
 Chlorides 71,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.
 Jars: Make -- Serial Number -- 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 FH in.

Blow: Weak blow; died in twenty-four minutes of first opening. No blow
second opening; flushed tool; weak blow, died in twelve minutes.

Recovered 30 ft. of mud
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 4:57 ~~AM~~ PM Time Started Off Bottom 6:50 ~~AM~~ PM Maximum Temperature 109 °
 Initial Hydrostatic Pressure (A) 1740 P.S.I.
 Initial Flow Period Minutes 30 (B) 61 P.S.I. to (C) 50 P.S.I.
 Initial Closed In Period Minutes 30 (D) 67 P.S.I.
 Final Flow Period Minutes 20 (E) 63 P.S.I. to (F) 65 P.S.I.
 Final Closed In Period Minutes 30 (G) 69 P.S.I.
 Final Hydrostatic Pressure (H) 1722 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1-5-80 Test Ticket No. 4296
 Recorder No. 969 Capacity 4200 Location 3127 Ft.
 Clock No. - Elevation 1785 Kelly Bushing Well Temperature 109 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1740	P.S.I.	4:57P. M	
B First Initial Flow Pressure	61	P.S.I.	30	30 Mins.
C First Final Flow Pressure	50	P.S.I.	30	30 Mins.
D Initial Closed-in Pressure	67	P.S.I.	20	20 Mins.
E Second Initial Flow Pressure	63	P.S.I.	20	30 Mins.
F Second Final Flow Pressure	65	P.S.I.		
G Final Closed-in Pressure	69	P.S.I.		
H Final Hydrostatic Mud	1722	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>4</u> Inc.		Breakdown: <u>10</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>61</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>63</u>	<u>0</u>	<u>60</u>
P 2 <u>5</u>	<u>61</u>	<u>3</u>	<u>51</u>	<u>5</u>	Flushed Tool	<u>3</u>	<u>60</u>
P 3 <u>10</u>	<u>57</u>	<u>6</u>	<u>53</u>	<u>10</u>	Flushed Tool	<u>6</u>	<u>60</u>
P 4 <u>15</u>	<u>53</u>	<u>9</u>	<u>55</u>	<u>15</u>	<u>65</u>	<u>9</u>	<u>60</u>
P 5 <u>20</u>	<u>51</u>	<u>12</u>	<u>57</u>	<u>20</u>	<u>65</u>	<u>12</u>	<u>60</u>
P 6 <u>25</u>	<u>50</u>	<u>15</u>	<u>59</u>			<u>15</u>	<u>63</u>
P 7 <u>30</u>	<u>50</u>	<u>18</u>	<u>61</u>			<u>18</u>	<u>65</u>
P 8		<u>21</u>	<u>63</u>			<u>21</u>	<u>66</u>
P 9		<u>24</u>	<u>64</u>			<u>24</u>	<u>67</u>
P10		<u>27</u>	<u>66</u>			<u>27</u>	<u>68</u>
P11		<u>30</u>	<u>67</u>			<u>30</u>	<u>69</u>
P12							
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