



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

DATE 1/5/80

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

CHARGE TO

Well Report No.
Unit No.
District

5077

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	Reiser "A"	Barton	23	20S	11W

One drill stem test from 2908' to 3010' (Test 1) \$ 500.00

POSTED

Discount \$ 5.00	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 5077
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 No 5077

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

Elevation 1758 K.B Formation Douglas sd 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 Reiser "A" COUNTY Barton STATE KS Sec. 23 Twp 20s Rge 11w

Mail Invoice To Same As Above Co. Name — Address — No. Copies Requested 5

Mail Charts To — Address — No. Copies Requested 57

Formation Test No. 1 Interval Tested from 2908 ft. to 3010 ft. Total Depth 3010 ft.

Packer Depth 2903 ft. Size 6 3/4 in. Packer Depth 2908 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) 2901 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 2914 ft. Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth — ft. Recorder Number — Cap. —

Drilling Contractor Duke Drlg Rig 2 Drill Collar Length — I. D. — in.

Mud Type Starch Viscosity 37 Weight Pipe Length 868 I. D. 2.8 in.

Weight 9.9 Water Loss 8.0 cc. Drill Pipe Length 2118 I. D. 3.8 in.

Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5.500 in.

Jars: Make — Serial Number — Anchor Length 102 ft. Size 5.500 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 x H in.

Blow: Very Weak. Died In 13 min. On 1st F.P.
NO Blow On 2nd Opening.

Recovered 5 ft. of Drlg Mud Few Spts of Oil On Top of Tool.

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Recovered — ft. of —

Remarks: —

Time Set Packer(s) 9:58 A.M. Time Started Off Bottom 11:20 A.M. Maximum Temperature 97

Initial Hydrostatic Pressure — (A) 1631 P.S.I.

Initial Flow Period 20 Minutes (B) 23 P.S.I. to (C) 15 P.S.I.

Initial Closed In Period 20 Minutes (D) 23 P.S.I.

Final Flow Period 20 Minutes (E) 15 P.S.I. to (F) 15 P.S.I.

Final Closed In Period 20 Minutes (G) 23 P.S.I.

Final Hydrostatic Pressure — (H) 1623 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 Ken Hamer
Signature of Customer or his authorized representative

Western Representative Dennis Wondra

Thank you

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

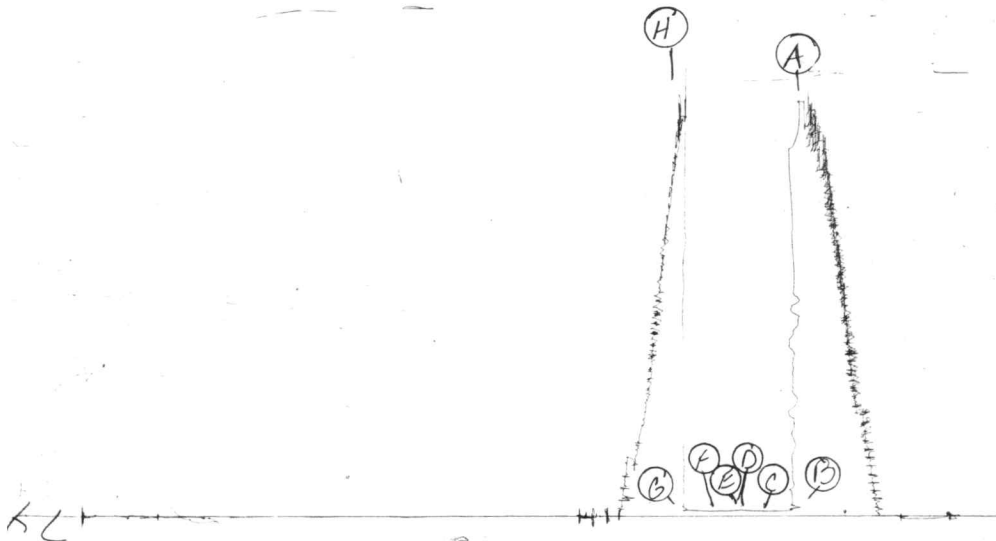
Date 1-5-80 Test Ticket No. 5077
 Recorder No. 3474 Capacity 3000 Location 2901 Ft.
 Clock No. _____ Elevation 1758 KB Well Temperature 97 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1622</u> P.S.I.	Open Tool	<u>9:58</u> A M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>18</u> P.S.I.	Initial Closed-in Pressure	<u>20</u> Mins.	<u>20</u> Mins.
D Initial Closed-in Pressure	<u>24</u> P.S.I.	Second Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>20</u> Mins.	<u>20</u> Mins.
F Second Final Flow Pressure	<u>20</u> P.S.I.			
G Final Closed-in Pressure	<u>22</u> P.S.I.			
H Final Hydrostatic Mud	<u>1614</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>4</u> Inc.		Breakdown: <u>6</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>02</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>02</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	<u>21</u>	0	<u>18</u>	0	<u>21</u>	0	<u>20</u>
P 2 5	<u>21</u>	3	<u>18</u>	5	<u>20</u>	3	<u>20</u>
P 3 10	<u>20</u>	6	<u>18</u>	10	<u>20</u>	6	<u>21</u>
P 4 15	<u>20</u>	9	<u>21</u>	15	<u>20</u>	9	<u>21</u>
P 5 20	<u>18</u>	12	<u>21</u>	20	<u>20</u>	12	<u>22</u>
P 6 25	<u>20</u>	15	<u>22</u>	25		15	<u>23</u>
P 7 30		18	<u>23</u>	30		18	<u>23</u>
P 8 35		20	<u>24</u>	35		20	<u>22</u>
P 9 40		24		40		24	
P10 45		27		45		27	
P11 50		30		50		30	
P12 55		33		55		33	
P13 60		36		60		36	
P14		39		65		39	
P15		42		70		42	
P16		45		75		45	
P17		48		80		48	
P18		51		85		51	
P19		54		90		54	
P20		57				57	
		60				60	

TKT # 5077
I



Company Petroleum Energy, Inc. Lease & Well No. Reiser "A" #1
 Elevation 1758 Kelly Bushing Douglas Sand Effective Pay -- Ft. Ticket No. 5077
 Date 1/5/80 Sec. 23 Twp. 20S Range 11W County Barton State Kansas
 Test Approved by Ken Hamlin Western Representative Denis Wondra
 Formation Test No. 1 Interval Tested from 2908 ft. to 3010 ft. Total Depth 3010 ft.
 Packer Depth 2903 ft. Size 6 3/4 in. Packer Depth 2908 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) 2901 ft. Recorder Number 3474 Cap. 3000
 Bottom Recorder Depth (Outside) 2914 ft. Recorder Number 3659 Cap. 4000
 Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --
 Drilling Contractor Duke Drilling Rig #2 Drill Collar Length -- I. D. -- in.
 Mud Type starch Viscosity 37 Weight Pipe Length 868 I. D. 2.8 in.
 Weight 9.9 Water Loss 8.0 cc. Drill Pipe Length 2118 I. D. 3.8 in.
 Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make -- Serial Number -- Anchor Length 102 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 XH in.

Blow: Very weak ; died in thirteen minutes on first flow period. No blow on second opening.

Recovered 5 ft. of drilling mud. Few spots of oil on top of tool.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 9:58 A.M. --P.M.-- Time Started Off Bottom 11:20 A.M. --P.M.-- Maximum Temperature 97°
 Initial Hydrostatic Pressure (A) 1622 P.S.I.
 Initial Flow Period Minutes 20 (B) 21 P.S.I. to (C) 18 P.S.I.
 Initial Closed In Period Minutes 20 (D) 24 P.S.I.
 Final Flow Period Minutes 20 (E) 21 P.S.I. to (F) 20 P.S.I.
 Final Closed In Period Minutes 20 (G) 22 P.S.I.
 Final Hydrostatic Pressure (H) 1614 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1-5-80

Test Ticket No. 5077

Recorder No. 3474 Capacity 3000 Location 2901 Ft.

Clock No. _____ Elevation 1758 Kelly Bushing Well Temperature 97 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1622</u> P.S.I.	Open Tool	<u>9:58A</u> M	
B First Initial Flow Pressure	<u>21</u> P.S.I.	First Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
C First Final Flow Pressure	<u>18</u> P.S.I.	Initial Closed-in Pressure	<u>20</u> Mins.	<u>20</u> Mins.
D Initial Closed-in Pressure	<u>24</u> P.S.I.	Second Flow Pressure	<u>20</u> Mins.	<u>20</u> Mins.
E Second Initial Flow Pressure	<u>21</u> P.S.I.	Final Closed-in Pressure	<u>20</u> Mins.	<u>20</u> Mins.
F Second Final Flow Pressure	<u>20</u> P.S.I.			
G Final Closed-in Pressure	<u>22</u> P.S.I.			
H Final Hydrostatic Mud	<u>1614</u> P.S.I.			

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>4</u> Inc.		Breakdown: <u>6</u> Inc.		Breakdown: <u>4</u> Inc.		Breakdown: <u>6</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>2</u> Min.		final inc. of <u>0</u> Min.		final inc. of <u>2</u> Min.	
Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 <u>0</u>	<u>21</u>	<u>0</u>	<u>18</u>	<u>0</u>	<u>21</u>	<u>0</u>	<u>20</u>
P 2 <u>5</u>	<u>21</u>	<u>3</u>	<u>18</u>	<u>5</u>	<u>20</u>	<u>3</u>	<u>20</u>
P 3 <u>10</u>	<u>20</u>	<u>6</u>	<u>18</u>	<u>10</u>	<u>20</u>	<u>6</u>	<u>21</u>
P 4 <u>15</u>	<u>20</u>	<u>9</u>	<u>21</u>	<u>15</u>	<u>20</u>	<u>9</u>	<u>21</u>
P 5 <u>20</u>	<u>18</u>	<u>12</u>	<u>21</u>	<u>20</u>	<u>20</u>	<u>12</u>	<u>22</u>
P 6 _____	_____	<u>15</u>	<u>22</u>	_____	_____	<u>15</u>	<u>23</u>
P 7 _____	_____	<u>18</u>	<u>23</u>	_____	_____	<u>18</u>	<u>23</u>
P 8 _____	_____	<u>20</u>	<u>24</u>	_____	_____	<u>20</u>	<u>22</u>
P 9 _____	_____	_____	_____	_____	_____	_____	_____
P10 _____	_____	_____	_____	_____	_____	_____	_____
P11 _____	_____	_____	_____	_____	_____	_____	_____
P12 _____	_____	_____	_____	_____	_____	_____	_____
P13 _____	_____	_____	_____	_____	_____	_____	_____
P14 _____	_____	_____	_____	_____	_____	_____	_____
P15 _____	_____	_____	_____	_____	_____	_____	_____
P16 _____	_____	_____	_____	_____	_____	_____	_____
P17 _____	_____	_____	_____	_____	_____	_____	_____
P18 _____	_____	_____	_____	_____	_____	_____	_____
P19 _____	_____	_____	_____	_____	_____	_____	_____
P20 _____	_____	_____	_____	_____	_____	_____	_____



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

DATE 1/6/80

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

CHARGE TO

Well Report No. 5078

Unit No.

District

FOR CUSTOMER'S USE ONLY

Register No.

Voucher No.

Terms Approved

Price Approved

Calculations Checked

Adjustments

Accounting Distribution

Your Order No.

Owner

Contractor

Audited

Final Approval

Well No.

Farm

County

Sec.

Twp.

Range

#1 Reiser "A" Barton 23 20S 11W

Onedrill stem test from 3105' to 3125' (Test 2) \$ 500.00

POSTED

Discount	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No.
\$ 5.00		5078
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

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



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 5078

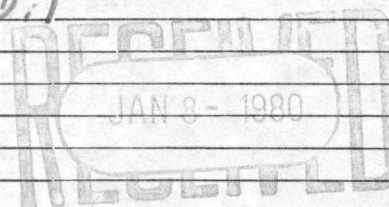
Elevation 1758 K.B. Formation K.C. Eff. Pay — Ft.

District Great Bend Date 1-6-80 Customer Order No. —
COMPANY NAME Petroleum Energy, Inc.
ADDRESS Suite 710, One Twenty Bldg, Wichita, KS 67202
LEASE AND WELL NO. #1 Resier "A" COUNTY Barton STATE KS Sec. 23 Twp. 20S Rge. 11W
Mail Invoice To Same As Above No. Copies Requested 5
Co. Name " Address "
Mail Charts To " No. Copies Requested 5

Formation Test No. 2 Interval Tested from 3105 ft. to 3125 ft. Total Depth 3125 ft.
Packer Depth 3100 ft. Size 6 3/4 in. Packer Depth 3105 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) 3115 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3118 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth — ft. Recorder Number — Cap. —
Drilling Contractor Duke Dels Rig 2 Drill Collar Length — I. D. — in.
Mud Type Starch Viscosity 37 Weight Pipe Length 868 I. D. 2.8 in.
Weight 9.9 Water Loss 8.0 cc. Drill Pipe Length 2215 I. D. 3.8 in.
Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make — Serial Number — Anchor Length 20 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 3/8 in. Tool Joint Size 4 1/2 in.

Blow: Weak Throughout 1st F.P.

Recovered 15 ft. of Mud With Few Spts Of Oil
Recovered — ft. of —
Recovered — ft. of —
Recovered — ft. of —
Recovered — ft. of —
Remarks: —



Time Set Packer(s) 3:38 A.M. Time Started Off Bottom 4:10 A.M. Maximum Temperature 97
Initial Hydrostatic Pressure — (A) 1692 P.S.I.
Initial Flow Period 30 Minutes (B) 38 P.S.I. to (C) 30 P.S.I.
Initial Closed In Period Out of Hole (D) — P.S.I.
Final Flow Period — Minutes (E) — P.S.I. to (F) — P.S.I.
Final Closed In Period — Minutes (G) — P.S.I.
Final Hydrostatic Pressure — (H) 1684 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]
Signature of Customer or his authorized representative

Western Representative Donis Wordie

Thank you

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

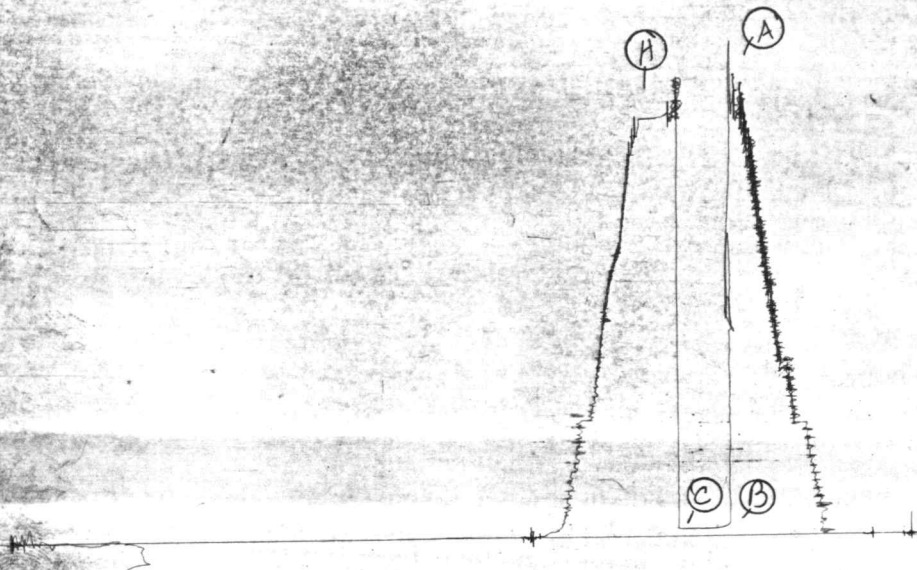
Date 1-6-80Test Ticket No. 3115Recorder No. 12265 3474 Capacity 4650 3000 Location 2882 Ft.Clock No. 1758 KB Elevation 97 Well Temperature 97 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1692</u> P.S.I.	Open Tool	<u>3:38</u> A M	
B First Initial Flow Pressure	<u>39</u> P.S.I.	First Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.	Initial Closed-in Pressure	<u>—</u> Mins.	<u>—</u> Mins.
D Initial Closed-in Pressure	<u>—</u> P.S.I.	Second Flow Pressure	<u>—</u> Mins.	<u>—</u> Mins.
E Second Initial Flow Pressure	<u>—</u> P.S.I.	Final Closed-in Pressure	<u>—</u> Mins.	<u>—</u> Mins.
F Second Final Flow Pressure	<u>—</u> P.S.I.			
G Final Closed-in Pressure	<u>—</u> P.S.I.			
H Final Hydrostatic Mud	<u>1687</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>—</u> Inc.		Breakdown: <u>—</u> Inc.		Breakdown: <u>—</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>29</u>	<u>0</u>		<u>0</u>		<u>0</u>	
P 2 <u>5</u>	<u>39</u>	<u>3</u>		<u>5</u>		<u>3</u>	
P 3 <u>10</u>	<u>32</u>	<u>6</u>		<u>10</u>		<u>6</u>	
P 4 <u>15</u>	<u>31</u>	<u>9</u>		<u>15</u>		<u>9</u>	
P 5 <u>20</u>	<u>—</u>	<u>12</u>		<u>20</u>		<u>12</u>	
P 6 <u>25</u>	<u>—</u>	<u>15</u>		<u>25</u>		<u>15</u>	
P 7 <u>30</u>	<u>31</u>	<u>18</u>		<u>30</u>		<u>18</u>	
P 8 <u>35</u>	<u>—</u>	<u>21</u>		<u>35</u>		<u>21</u>	
P 9 <u>40</u>	<u>—</u>	<u>24</u>		<u>40</u>		<u>24</u>	
P10 <u>45</u>	<u>—</u>	<u>27</u>		<u>45</u>		<u>27</u>	
P11 <u>50</u>	<u>—</u>	<u>30</u>		<u>50</u>		<u>30</u>	
P12 <u>55</u>	<u>—</u>	<u>33</u>		<u>55</u>		<u>33</u>	
P13 <u>60</u>	<u>—</u>	<u>36</u>		<u>60</u>		<u>36</u>	
P14 <u>—</u>	<u>—</u>	<u>39</u>		<u>65</u>		<u>39</u>	
P15 <u>—</u>	<u>—</u>	<u>42</u>		<u>70</u>		<u>42</u>	
P16 <u>—</u>	<u>—</u>	<u>45</u>		<u>75</u>		<u>45</u>	
P17 <u>—</u>	<u>—</u>	<u>48</u>		<u>80</u>		<u>48</u>	
P18 <u>—</u>	<u>—</u>	<u>51</u>		<u>85</u>		<u>51</u>	
P19 <u>—</u>	<u>—</u>	<u>54</u>		<u>90</u>		<u>54</u>	
P20 <u>—</u>	<u>—</u>	<u>57</u>		<u>—</u>		<u>57</u>	
		<u>60</u>		<u>—</u>		<u>60</u>	

Kit # 5028
I



Company Petroleum Energy, Inc. Lease & Well No. Reiser "A" #1
Elevation 1758 Kelly Bushing Kansas City Effective Pay -- Ft. Ticket No. 5078
Date 1/6/80 Formation 23 20S Range 11W County Barton State Kansas
Test Approved by Ken Hamlin Western Representative Denis Wondra
Formation Test No. 2 Interval Tested from 3105 ft. to 3125 ft. Total Depth 3125 ft.
Packer Depth 3100 ft. Size 6 3/4 in. Packer Depth 3105 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) 3115 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3118 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth - ft. Recorder Number - Cap. -
Drilling Contractor Duke Drilling Rig #2 Drill Collar Length -- I. D. -- in.
Mud Type starch Viscosity 37 Weight Pipe Length 868 I. D. 2.8 in.
Weight 9.9 Water Loss 8.0 cc. Drill Pipe Length 2215 I. D. 3.8 in.
Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
Jars: Make -- Serial Number -- Anchor Length 20 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 XH in.

Blow: Weak throughout first flow period.

Recovered 15 ft. of mud with few spots of oil.

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 3:38 A.M. Time Started Off Bottom 4:10 P.M. Maximum Temperature 97°

Initial Hydrostatic Pressure (A) 1692 P.S.I.

Initial Flow Period 30 Minutes (B) 39 P.S.I. to (C) 31 P.S.I.

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

Final Flow Period - Minutes (E) - P.S.I. to (F) - P.S.I.

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

Final Hydrostatic Pressure (H) 1687 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1-6-80 Test Ticket No. 5078
 Recorder No. 3474 Capacity 3000 Location 3115 Ft.
 Clock No. - Elevation 1758 Kelly Bushing Well Temperature 97 °F

Point	Pressure	Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1692</u> P.S.I.	<u>3:38A.</u> M	
B First Initial Flow Pressure	<u>39</u> P.S.I.	<u>30</u> Mins.	<u>30</u> Mins.
C First Final Flow Pressure	<u>31</u> P.S.I.		
D Initial Closed-in Pressure	<u>-</u> P.S.I.		
E Second Initial Flow Pressure	<u>-</u> P.S.I.		
F Second Final Flow Pressure	<u>-</u> P.S.I.		
G Final Closed-in Pressure	<u>-</u> P.S.I.		
H Final Hydrostatic Mud	<u>1687</u> P.S.I.		

PRESSURE BREAKDOWN

First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
Breakdown: <u>6</u> Inc.		Breakdown: _____ Inc.		Breakdown: _____ Inc.		Breakdown: _____ 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>39</u>						
P 2 <u>5</u>	<u>39</u>						
P 3 <u>10</u>	<u>32</u>						
P 4 <u>15</u>	<u>31</u>						
P 5 <u>20</u>	<u>31</u>						
P 6 <u>25</u>	<u>31</u>						
P 7 <u>30</u>	<u>31</u>						
P 8 _____							
P 9 _____							
P 10 _____							
P 11 _____							
P 12 _____							
P 13 _____							
P 14 _____							
P 15 _____							
P 16 _____							
P 17 _____							
P 18 _____							
P 19 _____							
P 20 _____							



WESTERN TESTING CO., Inc.

P. O. Box 1599

WICHITA, KANSAS

DATE

1/7/80

Petroleum Energy, Inc. 67201

Suite 710, One Twenty Building

Wichita, Kansas 67202

CHARGE TO

Well Report No. 5079

Unit No.

District

FOR CUSTOMER'S USE ONLY

Register No.

Voucher No.

Terms Approved

Price Approved

Calculations Checked

Adjustments

Accounting Distribution

Your Order No.

Owner

Contractor

Audited

Final Approval

Well No.

Farm

County

Sec.

Twp.

Range

#1

Reiser "A" #1

Barton

23

20S

11W

One drill stem test from 3256' to 3285'

(Test 3)

\$ 500.00

POSTED

Discount \$ 5.00	1% Discount Allowed on This Invoice If Paid by 20th of Following Month	Invoice No. 5079
IN REMITTING PLEASE GIVE OUR INVOICE NUMBER		

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



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

WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET NO. 5079

Elevation 1758 K.B. Formation Arb. Eff. Pay — Ft.

District Great Bend Date 1-7-80 Customer Order No. _____
COMPANY NAME Petroleum Energy, Inc.
ADDRESS Suite 710, One Twenty Bldg., Wichita, KS 67202
LEASE AND WELL NO. #1 Reiser "A" COUNTY Barton STATE KS Sec. 23 Twp. 20S Rge. 11W
Mail Invoice To Same As Above No. Copies Requested 5
Co. Name _____ Address _____ No. Copies Requested 57
Mail Charts To _____ Address _____

Formation Test No. 3 Interval Tested from 3256 ft. to 3285 ft. Total Depth 3285 ft.
Packer Depth 3251 ft. Size 6 3/4 in. Packer Depth 3256 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) 3275 ft. Recorder Number 3474 Cap. 3000
Bottom Recorder Depth (Outside) 3278 ft. Recorder Number 3659 Cap. 4000
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____
Drilling Contractor Duke Drly Rig 2 Drill Collar Length _____ I. D. _____ in.
Mud Type Starch Viscosity 40 Weight Pipe Length 868 I. D. 2.8 in.
Weight 9.9 Water Loss 11.0 cc. Drill Pipe Length 2366 I. D. 3.8 in.
Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 in.
Jars: Make _____ Serial Number _____ Anchor Length 29 ft. Size 5 1/2 in.
Did Well Flow? yes Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 7/4 in.
Main Hole Size 7 3/8 in. Tool Joint Size 4 1/2 x 11 in.

Blow: Strong Throughout Flow Periods, Gas To Surf
In 40 min. On 2nd Opening Too Little Too Gauge

Recovered 110 ft. of Oil & Gas Cut Mud
Recovered 500 ft. of Froggy Oil
Recovered 560 ft. of Gas Cut Muddy Oil
Recovered 185 ft. of Gassy Oil
Recovered 120 ft. of Water
Gravity 43
Chlorides 25,000 PPM

Remarks: _____

Time Set Packer(s) 7:43 A.M. Time Started Off Bottom 10:15 A.M. Maximum Temperature 106
Initial Hydrostatic Pressure _____ (A) 1791 P.S.I.
Initial Flow Period _____ Minutes (B) 146 P.S.I. to (C) 430 P.S.I.
Initial Closed In Period _____ Minutes (D) 689 P.S.I.
Final Flow Period _____ Minutes (E) 492 P.S.I. to (F) 583 P.S.I.
Final Closed In Period _____ Minutes (G) 204 P.S.I.
Final Hydrostatic Pressure _____ (H) 1775 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 Ken Hamlin
Signature of Customer or his authorized representative

Western Representative Lenis Wandra

Thanks you

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

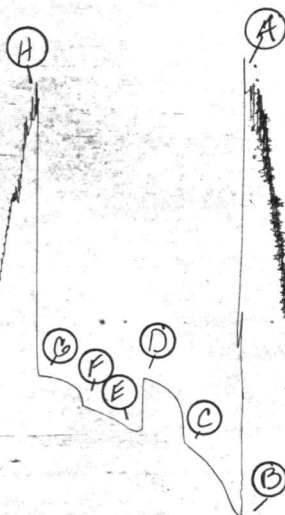
ate 1-7-80 Test Ticket No. 5079
 order No. 3474 Capacity 3000 Location 3275 Ft.
 ock No. Elevation 1758 KB Well Temperature 106 °F
 int

	Pressure		Time Given	Time Computed
Initial Hydrostatic Mud	<u>1811</u> P.S.I.	Open Tool	<u>7:43</u> A M	
First Initial Flow Pressure	<u>148</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
First Final Flow Pressure	<u>433</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Initial Closed-in Pressure	<u>689</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
Second Initial Flow Pressure	<u>482</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
Second Final Flow Pressure	<u>580</u> P.S.I.			
Final Closed-in Pressure	<u>700</u> P.S.I.			
Final Hydrostatic Mud	<u>1779</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>10</u> Inc.		Breakdown: <u>9</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	Press.	Point	Press.	Point	Press.	Point	Press.
Minutes		Minutes		Minutes		Minutes	
0	<u>148</u>	0	<u>433</u>	0	<u>482</u>	0	<u>580</u>
1	<u>145</u>	3	<u>574</u>	5	<u>482</u>	3	<u>639</u>
2	<u>226</u>	6	<u>606</u>	10	<u>491</u>	6	<u>656</u>
3	<u>285</u>	9	<u>627</u>	15	<u>509</u>	9	<u>667</u>
4	<u>317</u>	12	<u>641</u>	20	<u>526</u>	12	<u>676</u>
5	<u>353</u>	15	<u>655</u>	25	<u>541</u>	15	<u>682</u>
6	<u>379</u>	18	<u>665</u>	30	<u>553</u>	18	<u>188</u>
7	<u>400</u>	21	<u>671</u>	35	<u>564</u>	21	<u>691</u>
8	<u>423</u>	24	<u>679</u>	40	<u>574</u>	24	<u>695</u>
9	<u>433</u>	27	<u>685</u>	45	<u>580</u>	27	<u>697</u>
10		30	<u>689</u>	50		30	<u>700</u>
11		33		55		33	
12		36		60		36	
13		39		65		39	
14		42		70		42	
15		45		75		45	
16		48		80		48	
17		51		85		51	
18		54		90		54	
19		57				57	
20		60				60	

TKT # 5079
I



Company Petroleum Energy, Inc. Lease & Well No. Reiser "A" #1
Elevation 1758 Kelly Bushing Arbuckle Formation Effective Pay --- Ft. Ticket No. 5079
Date 1/7/80 Sec. 23 Twp. 20S Range 11W County Barton State Kansas
Test Approved by Ken Hamlin Western Representative Denis Wondra

Formation Test No. 3 Interval Tested from 3256 ft. to 3285 ft. Total Depth 3285 ft.

Packer Depth 3251 ft. Size 6 3/4 in. Packer Depth 3256 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) 3275 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3278 ft. Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth -- ft. Recorder Number -- Cap. --

Drilling Contractor Duke Drilling Rig #2 Drill Collar Length -- I. D. -- in.

Mud Type starch Viscosity 40 Weight Pipe Length 868 I. D. 2.8 in.

Weight 9.9 Water Loss 11.0 cc. Drill Pipe Length 2366 I. D. 3.8 in.

Chlorides 50,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.

Jars: Make -- Serial Number -- Anchor Length 29 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 XH in.

Blow: Strong throughout flow periods. Gas to surface in forty minutes on second opening. Too little to gauge.

Recovered 110 ft. of oil and gas cut mud

Recovered 500 ft. of froggy oil

Recovered 560 ft. of gas cut muddy oil

Recovered 185 ft. of gassy oil Gravity 42°

Recovered ft. of Chlorides 25,000 ppm

Remarks: ---

Time Set Packer(s) 7:43 A.M. PM Time Started Off Bottom 10:15 A.M. PM Maximum Temperature 106°

Initial Hydrostatic Pressure (A) 1811 P.S.I.

Initial Flow Period Minutes 45 (B) 148 P.S.I. to (C) 433 P.S.I.

Initial Closed In Period Minutes 30 (D) 689 P.S.I.

Final Flow Period Minutes 45 (E) 482 P.S.I. to (F) 580 P.S.I.

Final Closed In Period Minutes 30 (G) 700 P.S.I.

Final Hydrostatic Pressure (H) 1779 P.S.I.

WESTERN TESTING CO., INC.

Pressure Data

Date 1-7-80 Test Ticket No. 5079
 Recorder No. 3474 Capacity 3000 Location 3275 Ft.
 Clock No. - Elevation 1758 Kelly Bushing Well Temperature 106 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1811</u> P.S.I.	Open Tool	<u>7:43A.</u> M	
B First Initial Flow Pressure	<u>148</u> P.S.I.	First Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
C First Final Flow Pressure	<u>433</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>689</u> P.S.I.	Second Flow Pressure	<u>45</u> Mins.	<u>45</u> Mins.
E Second Initial Flow Pressure	<u>482</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>580</u> P.S.I.			
G Final Closed-in Pressure	<u>700</u> P.S.I.			
H Final Hydrostatic Mud	<u>1779</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>10</u> Inc.		Breakdown: <u>9</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>148</u>	<u>0</u>	<u>433</u>	<u>0</u>	<u>482</u>	<u>0</u>	<u>580</u>
P 2 <u>5</u>	<u>165</u>	<u>3</u>	<u>574</u>	<u>5</u>	<u>482</u>	<u>3</u>	<u>639</u>
P 3 <u>10</u>	<u>226</u>	<u>6</u>	<u>606</u>	<u>10</u>	<u>491</u>	<u>6</u>	<u>656</u>
P 4 <u>15</u>	<u>285</u>	<u>9</u>	<u>627</u>	<u>15</u>	<u>509</u>	<u>9</u>	<u>667</u>
P 5 <u>20</u>	<u>317</u>	<u>12</u>	<u>641</u>	<u>20</u>	<u>526</u>	<u>12</u>	<u>676</u>
P 6 <u>25</u>	<u>353</u>	<u>15</u>	<u>655</u>	<u>25</u>	<u>541</u>	<u>15</u>	<u>682</u>
P 7 <u>30</u>	<u>379</u>	<u>18</u>	<u>665</u>	<u>30</u>	<u>553</u>	<u>18</u>	<u>688</u>
P 8 <u>35</u>	<u>400</u>	<u>21</u>	<u>671</u>	<u>35</u>	<u>564</u>	<u>21</u>	<u>691</u>
P 9 <u>40</u>	<u>423</u>	<u>24</u>	<u>679</u>	<u>40</u>	<u>574</u>	<u>24</u>	<u>695</u>
P10 <u>45</u>	<u>433</u>	<u>27</u>	<u>685</u>	<u>45</u>	<u>580</u>	<u>27</u>	<u>697</u>
P11		<u>30</u>	<u>689</u>			<u>30</u>	<u>700</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							