



WESTERN TESTING CO., INC.
FORMATION TESTING

TICKET No 9579

OK

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

Elevation ? Formation Arbuckle Eff. Pay — Ft.

District GT Bend Date 12-14-80 Customer Order No. —

COMPANY NAME Petroleum Energy Inc.

ADDRESS 710 One Twenty Bldg. Wichita, Kansas 67202

LEASE AND WELL NO. 5 Tabbet #1-A COUNTY Rice STATE KS Sec. 19 Twp 18S Rge 9W

Mail Invoice To Same Co. Name Same Address Copy to Musgrove No. Copies Requested 8

Mail Charts To Same Address Copy to Musgrove No. Copies Requested 8

Formation Test No. 1 Interval Tested from 3224 ft. to 3234 ft. Total Depth 3234 ft.

Packer Depth 3219 ft. Size 4 3/4 in. Packer Depth — ft. Size — in.

Packer Depth 3224 ft. Size 6 3/4 in. Packer Depth — ft. Size — in.

Depth of Selective Zone Set

Top Recorder Depth (Inside) 3227 ft. Recorder Number 6234 Cap. 4500

Bottom Recorder Depth (Outside) 3230 ft. Recorder Number 4379 Cap. 4300

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

Drilling Contractor Allen Rig #1 Drill Collar Length — I. D. — in.

Mud Type STARCH SALT-CLAY Viscosity 52 Weight Pipe Length — I. D. — in.

Weight 10.3 Water Loss 10.8 cc. Drill Pipe Length 3203 I. D. 3.8 in.

Chlorides 69,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.

Jars: Make — Serial Number — Anchor Length 10 ft. Size 5 1/2 in.

Did Well Flow? NO Reversed Out NO Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 x 1 1/2 in.

Blow: WF - Weak Blow Throughout Initial Flow Period

FF - Very Weak Blow Throughout Final Flow Period

Recovered 35 ft. of Oil cut mud (show of free oil)

Recovered — ft. of

Recovered — ft. of

Recovered — ft. of

Recovered — ft. of

Remarks:

RECEIVED
DEC 16 1980

Time On Location 10:30 ^{AM}/_{P.M.} Time Pick Up Tool 11:35 ^{AM}/_{P.M.} Time Off Location 5:30 ^{AM}/_{P.M.}

Time Set Packer(s) 1:00 ^{AM}/_{P.M.} Time Started Off Bottom 3:00 ^{AM}/_{P.M.} Maximum Temperature 103°

Initial Hydrostatic Pressure (A) 1791 P.S.I.

Initial Flow Period Minutes 30 (B) 34 P.S.I. to (C) 34 P.S.I.

Initial Closed In Period Minutes 30 (D) 1033 P.S.I.

Final Flow Period Minutes 30 (E) 34 P.S.I. to (F) 34 P.S.I.

Final Closed In Period Minutes 30 (G) 977 P.S.I.

Final Hydrostatic Pressure (H) 1791 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 [Signature]

FIELD INVOICE

Open Hole Test 550
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage 27 mi. 20.25
Fluid Sampler \$
Extra Charts \$
Insurance \$
TOTAL 570.25

WESTERN TESTING CO., INC.
Pressure Data

Date 12-14 Test Ticket No. 9579
 Recorder No. 6234 Capacity 4500 Location 3227 Ft.
 Clock No. _____ Elevation _____ Well Temperature 103 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	<u>1814</u> P.S.I.	Open Tool	<u>1:00 P.M.</u>	
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>27</u> P.S.I.	Initial Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
D Initial Closed-in Pressure	<u>1032</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>50</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>30</u> P.S.I.			
G Final Closed-in Pressure	<u>982</u> P.S.I.			
H Final Hydrostatic Mud	<u>1778</u> P.S.I.			

** questionable due to shut-in tool leak*

PRESSURE BREAKDOWN

First Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Initial Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

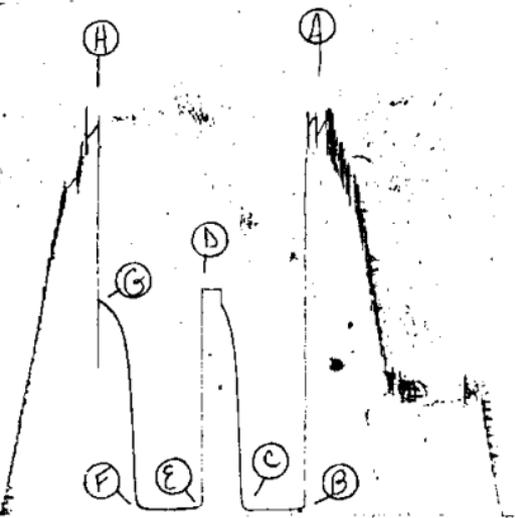
Second Flow Pressure
 Breakdown: 6 Inc.
 of 5 mins. and a
 final inc. of 0 Min.

Final Shut-In
 Breakdown: 10 Inc.
 of 3 mins. and a
 final inc. of 0 Min.

Point Mins.	First Flow Pressure		Initial Shut-In		Second Flow Pressure		Final Shut-In	
	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	39	0	27	0	50	0	30
P 2	5	30	3	32	5	37	3	30
P 3	10	28	6	429	10	33	6	45
P 4	15	27	9	782	15	30	9	271
P 5	20	(	12	885	20	(	12	680
P 6	25	)	15	948	25	)	15	829
P 7	30	27	18	1034 *	30	30	18	892
P 8	35		21	1032 *	35		21	926
P 9	40		24	(*	40		24	955
P10	45		27	(*	45		27	973
P11	50		30	1032 *	50		30	982
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 # 9579

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1201

Company Petroleum Energy, Inc. Lease & Well No. Stabbet #1 "A"
 Elevation - Formation Arbuckle Effective Pay - Ft. Ticket No. 9579
 Date 12-14-80 Sec. 19 Twp. 18S Range 9W County Rice State Kansas
 Test Approved by Jim Musgrove Western Representative Ray Schwager

Formation Test No. 1 Interval Tested from 3224 ft. to 3234 ft. Total Depth 3234 ft.
 Packer Depth 3219 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.
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 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor Allen Rig #1 Drill Collar Length - I. D. - in.
 Mud Type Starch-Salt-Clay Viscosity 52 Weight Pipe Length - I. D. - in.
 Weight 10.3 Water Loss 10.8 cc. Drill Pipe Length 3203 I. D. 3.8 in.
 Chlorides 69,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 1/2 in.
 Jars: Make - Serial Number - Anchor Length 10 ft. Size 5 1/2 in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1/2 in. Bottom Choke Size 1/2 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: Weak blow throughout initial flow period. Very weak blow throughout final flow period.

Recovered 35 ft. of oil cut mud (show of free oil)
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 1:00 ~~A.M.~~ P.M. Time Started Off Bottom 3:00 ~~A.M.~~ P.M. Maximum Temperature 103
 Initial Hydrostatic Pressure 1814 P.S.I. (A)
 Initial Flow Period 30 Minutes (B) 39 P.S.I. to (C) 27 P.S.I.
 Initial Closed In Period 30 Minutes (D) 1032 P.S.I.
 Final Flow Period 30 Minutes (E) 50 P.S.I. to (F) 30 P.S.I.
 Final Closed In Period 30 Minutes (G) 982 P.S.I.
 Final Hydrostatic Pressure 1778 P.S.I. (H)

WESTERN TESTING CO., INC.
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Date 12-14-80 Test Ticket No. 9579
 Recorder No. 6234 Capacity 4500 Location 3227 Ft.
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D Initial Closed-in Pressure	<u>1032</u> P.S.I.	Second Flow Pressure	<u>30</u> Mins.	<u>30</u> Mins.
E Second Initial Flow Pressure	<u>50</u> P.S.I.	Final Closed-in Pressure	<u>30</u> Mins.	<u>30</u> Mins.
F Second Final Flow Pressure	<u>30</u> P.S.I.	*Questionable due to shut-in tool leak.		
G Final Closed-in Pressure	<u>982</u> P.S.I.			
H Final Hydrostatic Mud	<u>1778</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>6</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> 39	<u>0</u>	<u>27</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>30</u>
P 2	<u>5</u> 30	<u>3</u>	<u>32</u>	<u>5</u>	<u>37</u>	<u>3</u>	<u>30</u>
P 3	<u>10</u> 28	<u>6</u>	<u>429</u>	<u>10</u>	<u>33</u>	<u>6</u>	<u>45</u>
P 4	<u>15</u> 27	<u>9</u>	<u>782</u>	<u>15</u>	<u>30</u>	<u>9</u>	<u>271</u>
P 5	<u>20</u> 27	<u>12</u>	<u>885</u>	<u>20</u>	<u>30</u>	<u>12</u>	<u>680</u>
P 6	<u>25</u> 27	<u>15</u>	<u>948</u>	<u>25</u>	<u>30</u>	<u>15</u>	<u>829</u>
P 7	<u>30</u> 27	<u>18</u>	<u>1034*</u>	<u>30</u>	<u>30</u>	<u>18</u>	<u>892</u>
P 8		<u>21</u>	<u>1032*</u>			<u>21</u>	<u>926</u>
P 9		<u>24</u>	<u>1032*</u>			<u>24</u>	<u>955</u>
P10		<u>27</u>	<u>1032*</u>			<u>27</u>	<u>973</u>
P11		<u>30</u>	<u>1032*</u>			<u>30</u>	<u>982</u>
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							