WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET No 7391

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

Elevation — Formation Arbuckle Eff. Pay — Ft.

District Great Bend Date 9-22-80 Customer Order No. —

COMPANY NAME Petroleum Energy, Inc.

ADDRESS Suite 710 one Twenty Bldg Wichita KS 67202

LEASE AND WELL NO. "A" Burmeisten #3 COUNTY Barton STATE KS Sec. 2 Twp. 17 Rge. 14

Mail Invoice To Same Co. Name No. Copies Requested 5

Mail Charts To Same Address c/o Musgrove No. Copies Requested 5

Formation Test No. 1 Interval Tested from 3313 ft. to 3368 ft. Total Depth 3368 ft.

Packer Depth 3308 ft. Size 6 3/4 in. Packer Depth 3313 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) 3324 ft. Recorder Number 6077 Cap. 4500

Bottom Recorder Depth (Outside) 3329 ft. Recorder Number 1051 Cap. 4250

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

Drilling Contractor White & Ellis Rig #2 Drill Collar Length 285 I. D. 2 1/4 in.

Mud Type Starch Viscosity 40 Weight Pipe Length — I. D. — in.

Weight 10.0 Water Loss 10.0 cc. Drill Pipe Length 3007 I. D. 3.8 in.

Chlorides 64,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in. DP / PIA

Jars: Make — Serial Number — Anchor Length 55 ft. Size 5 1/2 in. with J T

Did Well Flow? NO Reversed Out — 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 Slowly increasing to 11 inches in Bucket First opening Initial Flow
~~Second Blow Same as First one~~ Final Flow Strong Thru Out

Recovered 180 ft. of watery Mud Slightly Oil Cut

Recovered — ft. of 30% oil - 25% water - 45% mud

Recovered 180 ft. of water

Recovered — ft. of

Recovered — ft. of

Remarks: Chlorides 29,000 PPM

Time On Location	5:15 A.M.	Time Pick Up Tool	5:45 A.M.	Time Off Location	12:30 P.M.
Time Set Packer(s)	7:26 A.M.	Time Started Off Bottom	10:28 A.M.	Maximum Temperature	112

Initial Hydrostatic Pressure		(A)	1808	P.S.I.		
Initial Flow Period	Minutes 45	(B)	98	P.S.I. to	(C) 159	P.S.I.
Initial Closed In Period	Minutes 45	(D)	1069	P.S.I.		
Final Flow Period	Minutes 45	(E)	208	P.S.I. to	(F) 220	P.S.I.
Final Closed In Period	Minutes 45	(G)	1069	P.S.I.		
Final Hydrostatic Pressure		(H)	1796	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 Lynn Musgrove
Signature of Customer or his authorized representative

Thank You

Western Representative Roger Lindsey

FIELD INVOICE

Open Hole Test	$ 550.00
Misrun	$ —
Straddle Test	$ —
Jars	$ —
Selective Zone	$ —
Safety Joint	$ —
Standby	$ —
Evaluation	$ —
Extra Packer	$ —
Circ. Sub.	$ —
26 Mileage	$ 19.50
Fluid Sampler	$ —
Extra Charts	$ —
Insurance	$ —
TOTAL	$ 569.50

WESTERN TESTING CO., INC.
Pressure Data

Date 9-22-80 Test Ticket No. 7391

Recorder No. 6077 Capacity 4700 Location 3326 Ft.

Clock No. ——— Elevation ——— Well Temperature 112 °F

Point		Pressure		Time Given	Time Computed
A	Initial Hydrostatic Mud	1827 P.S.I.	Open Tool	7:26 AM	
B	First Initial Flow Pressure	95 P.S.I.	First Flow Pressure	45 Mins.	45 Mins.
C	First Final Flow Pressure	147 P.S.I.	Initial Closed-in Pressure	45 Mins.	45 Mins.
D	Initial Closed-in Pressure	1075 P.S.I.	Second Flow Pressure	45 Mins.	40 Mins.
E	Second Initial Flow Pressure	228 P.S.I.	Final Closed-in Pressure	45 Mins.	48 Mins.
F	Second Final Flow Pressure	220 P.S.I.			
G	Final Closed-in Pressure	1075 P.S.I.			
H	Final Hydrostatic Mud	1791 P.S.I.			

PRESSURE BREAKDOWN

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

Point Mins.	Press.
P 1 0	95
P 2 5	95
P 3 10	95
P 4 15	97
P 5 20	104
P 6 25	115
P 7 30	123
P 8 35	133
P 9 40	143
P10 45	147
P11 50	
P12 55	
P13 60	
P14	
P15	
P16	
P17	
P18	
P19	
P20	

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

Point Minutes	Press.
0	147
3	693
6	920
9	980
12	1007
15	1028
18	1041
21	1048
24	1053
27	1058
30	1064
33	1068
36	1071
39	1072
42	1074
45	1075
48	
51	
54	
57	
60	

Second Flow Pressure
Breakdown: 8 Inc. of 5 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	228
5	215
10	208
15	205
20	204
25	209
30	213
35	217
40	220
45	
50	
55	
60	
65	
70	
75	
80	
85	
90	

Final Shut-In
Breakdown: 16 Inc. of 3 mins. and a final inc. of 0 Min.

Point Minutes	Press.
0	220
3	727
6	937
9	988
12	1012
15	1029
18	1041
21	1048
24	1056
27	1060
30	1065
33	1067
36	1069
39	1071
42	1073
45	1075
48	1075
51	
54	
57	
60	

JH #7391

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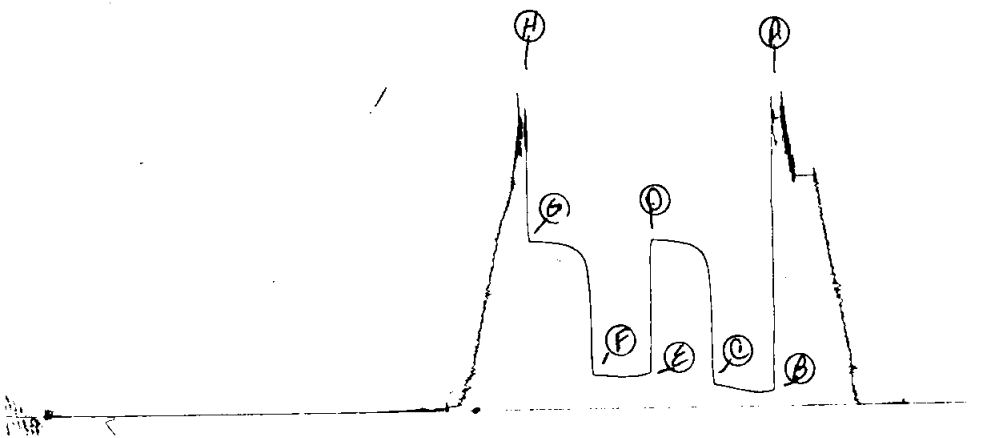

Company Petroleum Energy, Inc. Lease & Well No. Burmeister #3 "A"

Elevation ---- Formation Arbuckle Effective Pay -- Ft. Ticket No. 7391

Date 9/22/80 Sec. 2 Twp. 17S Range 11W County Barton State Kansas

Test Approved by Jim Musgrove Western Representative Roger Lisenby

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

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

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Chlorides 64,000 P.P.M. Test Tool Length 21 ft. Tool Size 4 3/4 in.

Jars: Make - Serial Number - Anchor Length 55 ft. Size 5½ with JT Drill Pipe in.

Did Well Flow? No Reversed Out - Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4½FH in.

Blow: Weak blow slowly increasing to eleven inches in bucket initial flow period. Final flow strong throughout.

Recovered 180 ft. of watery mud slightly oil cut (3% oil;25% water;72% mud)

Recovered 180 ft. of water

Recovered ft. of Chlorides 29,000 ppm

Recovered ft. of

Recovered ft. of

Remarks:

Time Set Packer(s) 7:26 ~~A.M.~~ P.M. Time Started Off Bottom 10:28 ~~A.M.~~ P.M. Maximum Temperature 112°

Initial Hydrostatic Pressure			(A) 1827	P.S.I.		
Initial Flow Period	Minutes 45	(B) 95	P.S.I. to	(C) 147	P.S.I.	
Initial Closed In Period	Minutes 45	(D) 1075	P.S.I.			
Final Flow Period	Minutes 40	(E) 227	P.S.I. to	(F) 220	P.S.I.	
Final Closed In Period	Minutes 48	(G) 1075	P.S.I.			
Final Hydrostatic Pressure			(H) 1791	P.S.I.		

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Second Flow Pressure
Breakdown: 8 Inc. of 5 mins. and a final inc. of 0 Min.

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5	215
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