

**WESTERN TESTING CO., INC.**

P.O. BOX 1599 — WICHITA, KANSAS 67201

DATE 6-4-80

Petroleum Energy, Inc.
710 One Twenty Bldg.
Wichita, Kansas 67202

(One copy mailed to Jim Musgrove)

WELL REPORT NO. 6293
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				
WELL NO. #1	Bredfeldt	FARM	Ride County, Kansas	SECTION 24	TWP. 18S	RANGE 10W

Oneddrillstem test From 3286' to 3234' (Test #L) \$ 550.00
Mileage: Thirty-one miles at .75¢ a mile 23.25
\$ 573.25

POSTED

DISCOUNT 5.73	1% DISCOUNT ALLOWED ON THIS INVOICE IF PAID BY THE 20 TH OF THE FOLLOWING MONTH.	PLEASE INCLUDE OUR INVOICE NUMBER WITH YOUR REMITTANCE.	INVOICE NUMBER 6293
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SEND ALL REMITTANCES TO POST OFFICE BOX 1599, WICHITA, KANSAS 67201



WESTERN TESTING CO., INC.

FORMATION TESTING

TICKET NO 6293

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

Elevation 1845 K.B. Formation Arb Eff. Pay Ft.

District Great Bend Date 6-4-80 Customer Order No.

COMPANY NAME Petroleum Energy, Inc.

ADDRESS 710 One Twenty Bldg, Wichita, KS 67202

LEASE AND WELL NO. #1 Bredfeldt COUNTY Rice STATE KS. Sec. 24 Twp 18S Rge 10W

Mail Invoice To Same As Above No. Copies Requested 5

Co. Name Address No. Copies Requested

Mail Charts To Jim Musgrove P.O. Box 1162 Great Bend, KS. No. Copies Requested 7

Formation Test No. Interval Tested from 3286 ft. to 3234 ft. Total Depth 3234 ft.

Packer Depth 3281 ft. Size 6 3/4 in. Packer Depth 3286 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) 3293 ft. Recorder Number 3474 Cap. 3000

Bottom Recorder Depth (Outside) 3296 ft. Recorder Number 3659 Cap. 4000

Below Straddle Recorder Depth Recorder Number Cap.

Drilling Contractor White & Ellis Rig 2 Drill Collar Length 305 I. D. 2.7 in.

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

Weight 10.0 Water Loss 6.0 cc. Drill Pipe Length 2859 I. D. 3.8 in.

Chlorides 9,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 5/8 in.

Jars: Make Serial Number Anchor Length 48 ft. Size 5 3/8 in.

Did Well Flow? 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: Steady 1 1/2" Throughout Very Weak. Increased to 1" By End of 2nd Opening.

Recovered 180 ft. of 0% cut mud

Recovered 120 ft. of MUDDY OIL

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks: Arrived 4:00 A.M. Departed 12:30 P.M. 6-4-80

Time Set Packer(s) 7:43 A.M. Time Started Off Bottom 10:45 A.M. Maximum Temperature 116

Initial Hydrostatic Pressure (A) 1844 P.S.I.

Initial Flow Period Minutes 45 (B) 115 P.S.I. to (C) 115 P.S.I.

Initial Closed In Period Minutes 45 (D) 1083 P.S.I.

Final Flow Period Minutes 45 (E) 123 P.S.I. to (F) 146 P.S.I.

Final Closed In Period Minutes 45 (G) 1068 P.S.I.

Final Hydrostatic Pressure (H) 1836 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 Jim Musgrove Signature of Customer or his authorized representative

Western Representative Denis Wondra Thank you

FIELD INVOICE

Open Hole Test \$ 550.00
Misrun \$
Straddle Test \$
Jars \$
Selective Zone \$
Safety Joint \$
Standby \$
Evaluation \$
Extra Packer \$
Circ. Sub. \$
Mileage \$ 23.25
Fluid Sampler \$
Extra Charts \$

TOTAL \$ 573.25

WESTERN TESTING CO., INC.

Pressure Data

6293

Date 6-4-80 Recorder No. 3474 Capacity 3000 Location 3293 Ft.
 Clock No. Elevation 1845 KB Well Temperature 116 °F
 Test Ticket No. ~~6293~~

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1856	P.S.I.	7:43 AM	
B First Initial Flow Pressure	114	P.S.I.	45 Mins.	45 Mins.
C First Final Flow Pressure	117	P.S.I.	45 Mins.	42 Mins.
D Initial Closed-in Pressure	1078	P.S.I.	45 Mins.	45 Mins.
E Second Initial Flow Pressure	152	P.S.I.	45 Mins.	42 Mins.
F Second Final Flow Pressure	144	P.S.I.		
G Final Closed-in Pressure	1070	P.S.I.		
H Final Hydrostatic Mud	1835	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> </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	0	114	0	117	152	0	144
P 2	5	106	3	833	133	3	883
P 3	10	104	6	986	132	6	983
P 4	15	106	9	1021	↓	9	1015
P 5	20	106	12	1042	↓	12	1032
P 6	25	108	15	1054	135	15	1044
P 7	30	111	18	1059	136	18	1048
P 8	35	112	21	1064	141	21	1055
P 9	40	116	24	1067	144	24	1059
P 10	45	117	27	1070	144	27	1062
P 11	50		30	1073		30	1064
P 12	55		33	1076		33	1068
P 13	60		36	1076		36	1069
P 14			39	1077 1080		39	1070
P 15			42	1078		42	1070
P 16			45			45	
P 17			48			48	
P 18			51			51	
P 19			54			54	
P 20			57			57	
			60			60	

TK# 6293
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Company Petroleum Energy, Inc. Lease & Well No. Bredfeldt #1
 Elevation 1845 Kelly Bush. Arbuckle Formation Effective Pay - Ft. Ticket No. 6293
 Date 6-4-80 Sec. 24 Twp. 18S Range 10W County Rice State Kansas
 Test Approved by Jim Musgrove Western Representative Denis Wondra

Formation Test No. 1 Interval Tested from 3286 ft. to 3234 ft. Total Depth 3234 ft.
 Packer Depth 3281 ft. Size 6 3/4 in. Packer Depth 3286 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) 3293 ft. Recorder Number 3474 Cap. 3000
 Bottom Recorder Depth (Outside) 3296 ft. Recorder Number 3659 Cap. 4000
 Below Straddle Recorder Depth - ft. Recorder Number - Cap. -

Drilling Contractor White & Ellis Drlg. (#2) Drill Collar Length 305 I. D. 2.7 in.
 Mud Type Starch Viscosity 37 Weight Pipe Length - I. D. - in.
 Weight 10.0 Water Loss 6.0 cc. Drill Pipe Length 2859 I. D. 3.8 in.
 Chlorides 97,000 P.P.M. Test Tool Length 22 ft. Tool Size 5 1/2 OD in.
 Jars: Make - Serial Number - Anchor Length 48 ft. Size 5 1/2 OD in.
 Did Well Flow? - 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: Steady 1 1/2" blow throughout initial flow period. Very weak blow increased to 1" by end of final flow period.

Recovered 180 ft. of oil cut mud
 Recovered 210 ft. of muddy oil
 Recovered ft. of
 Recovered ft. of
 Recovered ft. of

Remarks:

Time Set Packer(s) 7:43 ~~P.M.~~ ^{A.M.} Time Started Off Bottom 10:45 ~~P.M.~~ ^{A.M.} Maximum Temperature 116
 Initial Hydrostatic Pressure 1856 P.S.I. (A)
 Initial Flow Period 45 Minutes (B) 114 P.S.I. to (C) 117 P.S.I.
 Initial Closed In Period 42 Minutes (D) 1078 P.S.I.
 Final Flow Period 45 Minutes (E) 152 P.S.I. to (F) 144 P.S.I.
 Final Closed In Period 42 Minutes (G) 1070 P.S.I.
 Final Hydrostatic Pressure 1835 P.S.I. (H)

WESTERN TESTING CO., INC.
Pressure Data

Date 6-4-80

Recorder No. 3474 Capacity 3000

Test Ticket No. 6293

Clock No. - Elevation 1845 Kelly Bushing Location 3293 Ft.
Well Temperature 116 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	1856	P.S.I.	7:43A.	M
B First Initial Flow Pressure	114	P.S.I.	45	45
C First Final Flow Pressure	117	P.S.I.	45	42
D Initial Closed-in Pressure	1078	P.S.I.	45	45
E Second Initial Flow Pressure	152	P.S.I.	45	42
F Second Final Flow Pressure	144	P.S.I.		
G Final Closed-in Pressure	1070	P.S.I.		
H Final Hydrostatic Mud	1835	P.S.I.		

PRESSURE BREAKDOWN

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

Initial Shut-In
Breakdown: 14 Inc.
of 3 mins. and a
final inc. of 0 Min.

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

Final Shut-In
Breakdown: 13 Inc.
of 3 mins. and a
final inc. of 0 Min.

Point Mins.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1 0	114	0	117	0	152	0	144
P 2 5	106	3	833	5	133	3	883
P 3 10	104	6	986	10	132	6	983
P 4 15	106	9	1021	15	132	9	1015
P 5 20	106	12	1042	20	132	12	1032
P 6 25	108	15	1054	25	135	15	1044
P 7 30	111	18	1059	30	136	18	1048
P 8 35	112	21	1064	35	141	21	1055
P 9 40	116	24	1067	40	144	24	1059
P10 45	117	27	1070	45	144	27	1062
P11		30	1073			30	1064
P12		33	1076			33	1068
P13		36	1076			36	1069
P14		39	1077			39	1070
P15		42	1078			42	1070
P16							
P17							
P18							
P19							
P20							