

Company Energy Exploration, Inc. Lease & Well No. Bender #1  
 Elevation 1868 Kelly Bushing Formation Lower Kansas City Effective Pay -- Ft. Ticket No. 1251  
 Date 3/18/79 Sec. 25 Twp. 33S Range 20W County Commanche State Kansas  
 Test Approved by George N. Mueller Western Representative Rodney Tritt

Formation Test No. 1 Interval Tested from 4762' ft. to 4840' ft. Total Depth 4840' ft.  
 Packer Depth 4757 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Packer Depth 4762 ft. Size 6 3/4 in. Packer Depth - ft. Size - in.  
 Depth of Selective Zone Set --

Top Recorder Depth (Inside)	<u>4764</u> ft.	Recorder Number	<u>2604</u>	Cap.	<u>4150</u>
Bottom Recorder Depth (Outside)	<u>4767</u> ft.	Recorder Number	<u>2606</u>	Cap.	<u>4150</u>
Below Straddle Recorder Depth	<u>-</u> ft.	Recorder Number	<u>-</u>	Cap.	<u>-</u>
Drilling Contractor	<u>H-30, Inc.</u>	Rig #	<u>5</u>	Drill Collar Length	<u>247</u> I. D. <u>2 1/4</u> in.
Mud Type	<u>premix-starch</u>	Viscosity	<u>48</u>	Weight Pipe Length	<u>-</u> I. D. <u>-</u> in.
Weight	<u>9.5</u>	Water Loss	<u>16.4</u> cc.	Drill Pipe Length	<u>4545</u> I. D. <u>3.8</u> in.
Chlorides	<u>32,000</u> P.P.M.	Test Tool Length	<u>31'</u>	Tool Size	<u>5 1/2 OD</u> in.
Jars: Make	<u>WTC</u>	Serial Number	<u>408</u>	Anchor Length	<u>16'+D.C.(78)</u> ft. Size <u>5 1/2 - 6</u> in.
Did Well Flow?	<u>No</u>	Reversed Out	<u>No</u>	Surface Choke Size	<u>3/4</u> in. Bottom Choke Size <u>3/4</u> in.
				Main Hole Size	<u>7 7/8</u> in. Tool Joint Size <u>4 1/2 FH</u> in.

Blow: Very weak blow and died in seven minutes on initial flow. Very weak blow and died in 10 minutes on final flow period.

Recovered 10 ft. of drilling mud  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
 Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_  
 \_\_\_\_\_

Time Set Packer(s) 11:55 = A.M. / P.M. Time Started Off Bottom 1:55 A.M. / P.M. Maximum Temperature 118  
 Initial Hydrostatic Pressure ..... (A) 2397 P.S.I.  
 Initial Flow Period ..... Minutes 30 (B) 58 P.S.I. to (C) 34 P.S.I.  
 Initial Closed In Period ..... Minutes 30 (D) 38 P.S.I.  
 Final Flow Period ..... Minutes 30 (E) 34 P.S.I. to (F) 26 P.S.I.  
 Final Closed In Period ..... Minutes 30 (G) 28 P.S.I.  
 Final Hydrostatic Pressure ..... (H) 2374 P.S.I.

**WESTERN TESTING CO., INC.**  
**Pressure Data**

Date 3/18/79

Test Ticket No. 1251

Recorder No. 2604

Capacity 4150

Location 4764 Ft.

Clock No. --

Elevation 1868 Kelly Bushing

Well Temperature 118 °F

Point	Pressure		Time Given	Time Computed
A Initial Hydrostatic Mud	2397 P.S.I.	Open Tool	11:55A M	
B First Initial Flow Pressure	58 P.S.I.	First Flow Pressure	30 Mins.	30 Mins.
C First Final Flow Pressure	34 P.S.I.	Initial Closed-in Pressure	30 Mins.	30 Mins.
D Initial Closed-in Pressure	38 P.S.I.	Second Flow Pressure	30 Mins.	30 Mins.
E Second Initial Flow Pressure	34 P.S.I.	Final Closed-in Pressure	30 Mins.	30 Mins.
F Second Final Flow Pressure	26 P.S.I.			
G Final Closed-in Pressure	28 P.S.I.			
H Final Hydrostatic Mud	2374 P.S.I.			

**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.	Press.	Point Minutes	Press.	Point Minutes	Press.	Point Minutes	Press.
P 1	0	0	34	0	34	0	26
P 2	5	3	28	5	34	3	26
P 3	10	6	28	10	32	6	26
P 4	15	9	28	15	31	9	26
P 5	20	12	28	20	29	12	26
P 6	25	15	28	25	26	15	26
P 7	30	18	31	30	26	18	26
P 8		21	34			21	26
P 9		24	36			24	28
P10		27	36			27	28
P11		30	38			30	28
P12							
P13							
P14							
P15							
P16							
P17							
P18							
P19							
P20							

2604

DST #1

TKT # 1251

I

Border

