

CITIES SERVICE OIL COMPANY #1 ELIZANDO-FEDERAL A

Section 28-T21S-R27E, Eddy County, New Mexico

BHT No. 1:

11,245-11,356' (111') Morrow Sd., 5/8" Bc, 1600' water cushion. Tool opened with good blow for 30 min. preflow at 9:00 a.m. (MST) 11-10-73. Air immediately.

<u>Time</u>	<u>Choke</u>	<u>Flowing Pressure</u>	<u>Remarks</u>
9:05 am	1"	250 psig	Blowing air
9:08 am	1"		Water Blanket to surface
9:10 am	1"	400 psig	Unloading water blanket
9:15 am	1"	600 psig	"
9:30 am	1"	850 psig	"

Closed tool for 90 min. ISIP at 9:30 am.

Opened tool for 90 min flow period at 11:00 am.

Flowed well to pit for 50 mins. on 1/2" choke. Good flow of gas immediately.

<u>Time</u>	<u>Choke</u>	<u>Flowing Pressure</u>	<u>Remarks</u>
11:15 am	1/2"	1450 psig	Unloading water blanket
11:30 am	1/2"	2000 psig	
11:45 am	1/2"	2500 psig	Blowing dry gas

Turned well through test eqpt. at 11:50 am on 17/64" choke.

<u>Time</u>	<u>Choke</u>	<u>Flowing Press.</u>	<u>Gas Volume</u>
12 Noon	17/64"	2250 psig	2780 MCFD
12:05 pm	17/64"	2450 psig	3150 MCFD
12:10 pm	17/64"	2600 psig	3200 MCFD
12:15 pm	17/64"	2760 psig	3550 MCFD
12:20 pm	17/64"	2860 psig	3820 MCFD
12:25 pm	17/64"	2900 psig	3950 MCFD
12:30 pm	17/64"	2950 psig	4150 MCFD

Produced 2 BLW (water blanket) during above 30 min. flow period. Closed tool for 90 min. FSIP. Pulled packers loose. Recovered 10' of drilling mud cut with water and a trace of distillate. Sample chamber at 11,209' contained 15.9 cu. ft. of gas at 3100 psig. No fluid. BHP's as follows:

IMCP
30 min. preflow
90 min. ISIP
90 min. flow period
90 min. FSIP
FMCP
BHT

Top Chart at 11222'

5531 psig
1586-1963 psig
4795 psig
1611-3620 psig
4731 psig
5487 psig
181° F

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