

903 Republic Building

E. C. BARNHOLT

PETROLEUM ENGINEER

XXXXXXXXXXXXXXXXXXXXX
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BROOKS EXPLORATION, INC.

WELL SUMMARY

<u>STATE:</u>	New Mexico
<u>COUNTY:</u>	Mora
<u>WELL:</u>	No. 3
<u>LEASE:</u>	Berlier
<u>LOCATION:</u>	NE/4 Section 22, Township 21 North, Range 21 East
<u>DATE SPUDDED:</u>	September 24, 1975
<u>ELEVATION:</u>	6169 feet
<u>CONDUCTOR HOLE SIZE:</u>	13 3/4" DEPTH 30 feet
<u>CONDUCTOR SIZE:</u>	10 3/4" AMOUNT: 30 feet
<u>SIZE HOLE BELOW CONDUCTOR:</u>	8 3/4" to 365 feet
<u>PRODUCTION CASING SIZE:</u>	7" to 364 feet
<u>CEMENTED WITH:</u>	50 sx, cement circulated
<u>SIZE HOLE BELOW PRODUCTION CASING:</u>	6 1/8" to 440 feet
<u>STIMULATION:</u>	Shot from 362 feet to 440 feet with 160 qts. Nitroglycerine

DAILY DRILLING REPORT

September 24, 1975: Spud well at 12:45 p.m., drilled 13 3/4" hole to 21 feet ran 10 3/4" conductor to 21 feet.

September 25, 1975: Drilling 8 3/4" hole, conductor kept slipping, finally stopped at 30 feet. Set conductor at 30 feet. Drilled 8 3/4" hole to 365 feet.

September 26, 1975: Ran 7" casing to 364 feet, casing hard to run, stopped and circulated with air several times, on bottom circulated for 30 minutes. Ran 1 basket 3 joints off bottom, 1 centralizer 5 joints off bottom. Good gas blow.

September 27, 1975: Cemented well with 50 sx cement circulated.

September 28, 1975: W.O.C.

September 29, 1975: Drilled cement, 80 feet, hard cement in casing, drilled 6 1/8" hole to 440 feet T.D.

October 10, 1975: Ran logs.

October 17, 1975: Place 160 qts. Nitroglycerine in well, loaded hole with 80 feet pea gravel, misfire.

October 18, 1975: Clean out pea gravel, replace detonater shoot well, shot contained.

October 19, 1975: Cleaned out pea gravel to 350 feet with 6 1/8" bit, bit stopped.

October 20, 1975: Cleaned out pea gravel and shot junk with 4 3/4" bit to T.D.

WELL TEST October 3, 1975

<u>Orifice Size</u>	<u>PSIG</u>	<u>MCFPD</u>
1/2"	3.75	70
3/4"	1.75	101
1"	1.00	140

WELL TEST
October 20, 1975

<u>Orifice Size</u>	<u>PSIG</u>	<u>MCFPD</u>
1/2"	4.70	79
3/4"	4.10	155
1"	3.80	275

SAMPLE TOPS

Carlile	18 feet
Greenhorn	105 feet
Graneros	160 feet
Dakota	329 feet