

CARBONIC CHEMICALS CORPORATION  
MITCHELL NO. 9

LOCATION:

NE 1/4, NW 1/4, Sec. 29  
T 19 N, R 30 E  
Measures 1085 feet FNL and 341 feet FNL, Sec. 29

ELEVATION:

4431 feet Ground  
4438 feet Top of Kelly Bushing

DATE DRILLED:

Spudded - July 13, 1950  
Completed - August 31, 1950\*  
\*Date first tied into pipeline.

TOTAL DEPTH:

2051 feet - Driller  
2049 feet - Schlumberger

HOLE SIZE:

12-1/2 inch - 154 feet  
7-7/8 inch - 1900 feet  
6-1/4 inch - 1985 feet  
6-1/8 inch - 2051 feet

BITS RUN:

1	Reed	12-1/2 inch	Rock Bit (Re-tip)
1	T. M.	7-7/8 inch	4-way
10	Hughes	7-7/8 inch	Rock Bits
4	Reed	7-7/8 inch	Rock Bits
1	Hughes	6-1/4 inch	Rock Bits
2	Hughes	6-1/8 inch	Rock Bits

CASING PROGRAM:

Surface: 136 feet welded joint 10-3/4 inch.  
Production: 1921 feet 5-1/2 inch, 13# Lapwell at 1927 feet cemented from 1800 feet to surface. Cement machine mixed, containing 4% Aquagel, 1/4#/sk cement of Floseal. Halliburton packer shoe used. Cementing by Halliburton.

PRODUCTION:

Max. SIP at well head - 500#.  
Tested 2,200,000 cu ft gas per day on 20 minute open flow after 12 hours shut in.

DRILL STEM TESTS

DST No. 1:

1910 - 1985' 3 hr. Test.  
Variable top, 5/8" bottom choke.  
Started with light blow.  
Rocked up pressure by closing and opening on top.  
Flowed fresh water and gas by heads. Recovered 210 feet fresh water and mud. BHFP 225#, BHSIP 475#.

DST No. 2:

1960 - 2051' 2-1/2 hr. Test.  
Variable top, 5/8" bottom choke.  
Well started cleaning, flowing water, mud and gas in 20 minutes.  
Rocked up pressure with top valve. After well cleaned and shut in for short period, then opened on 1-1/4" top choke, was flowing strongly with 85# pressure after ten minutes.  
Recovered 60 feet fresh water.  
BHFP 300#, BHSIP 650#, Mud Weight 1100#.