

DRILLING PROGRAM

COLLINS & WARE, INC.
RAM EWE FEDERAL WELL NO. 1

1980' FEL & 1980' FSL Sec. 33, T22S, R26E, Eddy County, NM

The following information is filed in accordance with New Mexico Oil Conservation Rules and Regulations:

1. SURFACE FORMATION: Quaternary

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware	1680'
Bone Springs	4950'
Wolfcamp	8500'
Strawn	10100'
Atoka	10400'
MRW Clastics	11100'
LWR Morrow	11500'

3. ESTIMATED DEPTH TO FRESH WATER:

Possible fresh water 100'-300'.

ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Delaware (below 1700')	Oil
Strawn 10100-400'	Gas
Atoka 10400-650'	Gas
Morrow 11200-800'	Gas

No other formations are anticipated to give up commercial quantities of hydrocarbons.

The fresh water sands will be protected by setting 13 3/8" casing at 450' and circulating cement back to surface. The intermediate 9 5/8" casing will be set at 1650' and cement circulated back to surface. The 7" production string will be set at 9000' and cement will be two-staged to possibly circulate to surface. A 4 1/2" liner will be set from 8800' to 11800'.

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing:

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Weight, Grade, Joint, Condition</u>
17.5"	0-450'	13.375"	48-68#, K-55, ST&C, New
12.25"	0-1650'	9.625"	36-47#, J-55, LT&C, New
8.75"	0-9000'	7.0"	26-35#, J/S-55/95, LT&C, Used
6.0"	8800-11800'	4.5"	11.6-13.5#, S-95, LT&C, New

Cement:

13 3/8" Surface Ceg: Cemented with 400 sacks of Class "C" with 2% CaCl. Circulate cement.

9 5/8" First Intermediate: Cemented with 525 sacks of 50-50 Pozmix cement tailed in with 275 sacks of Class "C" with 2% CaCl. Cement to circulate.

7" Production Casing: Cemented in two stages with 800 sacks of Lite cement tailed in with 700 sacks of Class "C" with 1% CaCl to circulate.

4 1/2" Liner: Cement with 300 sacks of cement.