

DRILLING PROGRAM

EOG RESOURCES, INC.
Vaca "13" Federal No.8
Lea Co. NM

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian

2. ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Rustler	1100'
Delaware Mt. Group	5150'
Bone Springs	9275'
3 rd Bone Spring Sand	12225'

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Upper Permian Sands	Above 250'	Fresh Water
3 rd Bone Spring Sands	12,400'	Oil

No other Formations are expected to give up oil, gas or fresh water in measurable quantities. Surface fresh water sands will be protected by setting 13-3/8" casing at 650' and circulating cement back to surface, and 9-5/8" casing will be set at 5200' with cement circulated back to surface

4. CASING PROGRAM

<u>Hole Size</u>	<u>Interval</u>	<u>OD Casing</u>	<u>Weight Grade Jt. Cond. Type</u>
17-1/2"	0-650'	13-3/8"	48# H-40 ST&C
12-1/4"	0-5200'	9-5/8"	40# N-80 LT&C
8-3/4"	0-12,700'	7"	26#P-110 LT&C

Cementing Program:

17-1/2" Surface Casing:

Cement to surface with 325 sx Prem Plus, 3% Econolite, 25 Calcium Chloride, 0.25#/sx Flocele, 150 sx Prem Plus, 2% Calcium Chloride

9-5/8" Intermediate:

Cement to surface with 1100 sx Interfill C, .25#/sx flocele, 250 sx Premium Plus, 2% Calcium Chloride

7" Production

Cement w/1200sx 50/50 POZ+ 2% gel + 4% CF-14 + .1% Diacel LWL. This cement slurry is designed to bring TOC to 4500'.