

## DRILLING PLAN

Attach to APD Form 3160-3

Operator: ARCO Oil & Gas Company

Lease & Well No.: O. C. Federal Com # 1

Location: Unit Letter C

Section 04, T21S, R36E

Lea County, New Mexico

Development Well \_\_\_\_\_ Exploratory Well XX

1. See Acreage Dedication Plat Form C-102.
2. See Form 3160-3 for elevation above sea level of unprepared location.
3. The geological name of the surface formation is as follows: Querecho Plains Aeolian material with loose sandy loams and commonly harbor calcareous gravels.
4. The type of drilling tools and associated equipment to be utilized will be rotary.
5. The proposed drilling depth will be 12000'.
6. The estimated tops of important geological markers are as follows:

Base of Salt	2500'
San Andres	3900'
Wolfcamp	8000'
Strawn	8400'
Atoka	8850'
Devonian	9100'
Ellenburger	11850'

7. The estimated depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Strawn	8400'
Devonian	9100'
McKee	10750'
Ellenburger	11850'

8. The proposed casing program including the size, grade and weight/foot of each string has been indicated on form 3160-3.