

HOLE PROGNOSIS
FORM 3160-3 APPLICATION FOR PERMIT TO DRILL
STRATA PRODUCTION COMPANY
CHOCHA FEDERAL #1 WELL
330' FNL & 550' FWL
SECTION 20-7S-34E
ROOSEVELT COUNTY, NEW MEXICO

In conjunction with Form 3160-3, Application for Permit to Drill, Strata Production Company submits the following items in accordance with Onshore Oil and Gas Order Numbers 1 and 2, and all other applicable federal and state regulations.

1. Geologic Name of Surface Formation:

Permian

2. Estimated Tops of Geologic Markers:

Rustler	1930'	ABO	7030'
Salado (Salt)	1950'	Wolfcamp	7960'
Yates	2225'	Cisco	8470'
San Andres	3360'	Mississippian	8950'
Yeso	4700'	Siluro Devonian	9400'
Tubb	6180'	TD	9600'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas:

Surface	150'	Fresh Water
Wolfcamp	7960' - 8450'	Oil and/or Gas
Siluro Devonian	9400' - 9600'	Oil and/or Gas

No other formations are expected to produce oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 13 3/8" casing at 350' and circulating cement to surface. Shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across the zone by inserting a cementing stage tool into the 5 1/2" production casing which will be run at TD.

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JUN 22 1985

**UCD THOMAS
OFFICE**