

SUPPLEMENT USGS FORM 9-331C "APPLICATION FOR
PERMIT TO DRILL, DEEPEN OR PLUG BACK

THE FOLLOWING ADDITIONAL INFORMATION IS SUBMITTED:

OPERATOR: COTTON PETROLEUM CORPORATION
LEASE & WELL NO.: FEDERAL 11, Well #1
LOCATION: ~~1980'~~ FS&WL, Sec. 11, T-19-S,
R-25-E, Eddy Co., New Mexico
1880' FSL & 1980' FWL

1. ~~1980'~~ FS&WL, Section 11, T-19-S, R-25-E, Eddy Co., New Mexico.

2. 3439

3. The geologic name of the surface formation is: Permian Guadalupian

4. Rotary

5. 9300'

6. Estimated tops of important geologic markers are:

San Andres	800' (+2680')	Atoka	8680' (-5200')
Glorieta	2200' (+1280')	Morrow "A"	8980' (-5500')
Bone Springs	3710' (- 230')	Morrow "B"	9030' (-5550')
Wolfcamp	5730' (-2250')	Morrow "C"	9096' (-5610')
Cisco	6930' (-3450')	Chester	9150' (-5670')

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

San Andres	800'	Morrow "B"	9030'
Morrow "A"	9030'	Morrow "C"	9060'

8. The proposed casing program including the size, grade and weight per foot of each string has been indicated on Form 9-331C. All strings of casing will be new.

9. See Form 9-331C for cementing record
Surface: Circ. to surface
Intermediate: Circ. to surface
Production: Tie-in with intermediate

10. The Pressure Control Diagram is attached to Form 9-331C. The following additional information of the pressure control equipment is provided:
Size - 10" - 900 series - double hydraulic pipe and blind rams
Pressure ratings - 3000# WP, 5000# TP
Testing Procedures - Pressure up to 1500# psig before drilling out of casing
Testing Frequency - Upon installation and daily