

DRILLING PLAN

SCHLOSSER WN FEDERAL #4E
1970' FSL & 1790' FEL
Section 34-28N-11W
San Juan County, New Mexico

1. SURFACE FORMATION: Nacimiento
2. GEOLOGICAL MARKERS:

Ojo Alamo	526'	Upper Mancos	4330'
Kirtland	1077'	Gallup	5223'
Fruitland	1425'	Lower Mancos	5765'
Pictured Cliffs	1635'	Greenhorn	6017'
Lewis	1722'	Graneros	6075'
Chacra	2575'	Dakota	6197'
Cliff House	3187'	Morrison	6427'
Point Lookout	4045'		
3. ANTICIPATED MINERAL BEARING FORMATIONS:

Fruitland	(Possible Gas)
Pictured Cliffs	(Possible Gas)
Cliff House	(Possible Gas)
Gallup	(Possible Gas)
Dakota	(Possible Oil/Gas)
4. CASING PROGRAM:

Surface	to 700'	8-5/8", 24#, K-55, ST&C
Production	to T.D.	4-1/2", 10.5#, K-55, ST&C
5. CONTROL EQUIPMENT: Blowout Preventor - Ram Type, hydraulic operated
Rams - Two: One blind and one pipe ram
Series - 900 (3000#WP, 6000#T)
Manufacturer - Cameron or Shaffer
Pressure test at 1000 psi prior to drilling out of casing strings
Operational checks to be made daily and on trips
Sketch attached
6. DRILLING FLUIDS:

0	to 700'	Gel and lime to drill surface hole and set casing
700'	to 2400'	Treated wtr to maintain hole
2400'	to T.D.	Low solids non-dispersed 8.8-9.2#/gal 38-45 vis., WL 8 cc or less
7. AUXILIARY EQUIPMENT: Kelly cock
Sub on floor with full opening valve for use in drill pipe when Kelly is not in the string
8. TESTING, LOGGING AND CORING: At this time no drill stem tests or cores are planned. However, hole conditions and information obtained while drilling may alter these plans.
9. ABNORMAL PRESSURES, TEMPERATURES, POTENTIAL HAZARDS: There are no abnormal pressures, temperatures or potential hazards in the area. The maximum anticipated pressure is 3600 psi. Weight material will be maintained on location at all times.
10. STARTING DATE - COMPLETION: Dirtwork and road work for this location will require 2 or 3 days. Moving in and rigging up 2 to 3 days. Drilling and completion will require approximately 30 days, for a total of 36 days. In the event of bad weather or other delays this time could be considerably extended.

NTL-6 indicates a minimum of 30 days are required to obtain District Engineer's approval, in which case operations on this well could not be commenced until approximately May, 1980. Depending upon rig availability, equipment, weather, etc., this starting date could be