

## DRILLING PLAN

Schlosser WN Federal #5E  
SE NW Section 34-T28N-R11W  
San Juan County, New Mexico

1. SURFACE FORMATION: Nacimiento

2. GEOLOGICAL MARKERS:

Ojo Alamo	460'	Upper Mancos	4290'
Kirtland	1030'	Gallup	5185'
Fruitland	1385'	Lower Mancos	5720'
Pictured Cliffs	1595'	Greenhorn	5973'
Lewis	1680'	Graneros	6035'
Chacra	2533'	Dakota	6155'
Cliff House	3145'	Morrison	6305'
Point Lookout	4005'		

3. ANTICIPATED MINERAL BEARING FORMATIONS:

Ojo Alamo	(water)
Fruitland	(Poss. Gas)
Pictured Cliffs	(Poss. Gas)
Cliff House	(Poss. Gas)
Gallup	(Poss. Gas)
Dakota	(Poss Oil/Gas)

4. CASING PROGRAM: Surface - 600' 8-5/8" 24# K55 ST&C,  
Production - T.D. 4-1/2" 10.5# K55, ST&C

5. CONTROL EQUIPMENT: Blowout Preventor - Ram Type, hydraulic operated  
Rams - Two: One blind ram and one pipe ram.  
Series - 900 (3000#WP, 600#T)  
Manufacturer - Cameron or Shaffer  
Pressure test at 1000 psi prior to drilling out of casing string.  
Operational checks to be made daily and on trips.  
Sketch attached.

6. DRILLING FLUIDS: 0 to 600' Gel and lime to drill surface hole and set casing.  
600 to T.D. Low solids non-dispersed 9.0-9.1# 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 10, 1980. Depending upon rig availability, equipment, weather, etc. this starting date could be extended.