

DRILLING PLAN

SCHLOSSER WN FEDERAL #7E
NENE Section 10-T27N-R11W
San Juan County, New Mexico

1. SURFACE FORMATION: Poison Spider

2. GEOLOGICAL MARKERS:

Ojo Alama	805'		
Kirtland	1345'	Upper Mancos	4600'
Fruitland	1695'	Gallup	5494'
Pictured Cliffs	1907'	Lower Mancos	6035'
Lewis	1992'	Greenhorn	6285'
Chacra	2845'	Graneros	6347'
Cliff House	3453'	Dakota	6465'
Point Lookout	4315'	Morrison	6695'

3. ANTICIPATED MINERAL BEARING FORMATIONS:

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

4. CASING PROGRAM: Surface to 950' 8-5/8" 24# K55 ST&C,
Production to 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 950' Gel and lime to drill surface hole and set casing.
950' 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.

NTE-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 March 8, 1980. Depending upon rig availability, equipment weather, etc., this starting date could be extended.