

ATTACHMENT "A"

Inexco Oil Company
Federal #1
SE/4NE/4 Section 7,
T-19-S, R-33-E
Lea County, New Mexico
Lease Number NM 2843

- (1) Geologic name of surface formation: Rustler
- (2) Estimated Tops of important geological markers:

Base of Salt	3000'
Yates	3100'
Queen	4300'
San Andreas	4900'
Bone Springs	7550'
Wolfcamp	10,850'
Strawn	12,100'
Atoka	12,100'
Morrow Sand	13,150'
PTD	14,000'

- (3) Estimated depth of mineral bearing zones:

Fresh water 0'-500' Intermittent

Possible hydrocarbons in San Andreas, Wolfcamp, Strawn,
and Morrow at depths shown above.

- (4) Casing Program:

(a) Conductor	20" to 40' and cement to surface
(b) Surface Casing	13 3/8-48#-H40 to 500' cement to surface
(c) Intermediate	8 5/8-24# and 28# to top of San Andreas ±5000'-cement to surface
(d) Production	0'-2000' - 5 1/2-20#-N80 2000'-8800' - 5 1/2-17#-N80 8800'-13700' - 5 1/2-20#-N80 13700'-TD - 5 1/2-23#-N80 cement to cover Production Zones

- (5) Pressure Control: See Schematics


Base of surface to intermediate point:

- (a) 12" - 900 Series Double Gate Hydraulic BOP to be pressure tested
once and operationally tested daily.

Base of Intermediate to TD:

- (a) 10" - 5000 psi W.P. Double Gate Hydraulic BOP with pipe rams
and blind rams to be tested to 5000 psi initially and
each 60 days thereafter - operationally checked daily.

- (b) 10" - 5000 psi W.P. Hydril to be tested to 3000 psi initially and operationally tested daily.
 - (c) 10" - 3000 psi W.P. Rotating head to be tested to 1000 psi initially.
 - (d) HCR flowline valve to be tested to 1000 psi initially.
- (6) Drilling Fluid Program:
- (a) Clear water (fresh and brine as needed), to 10,500'.
 - (b) Brine water at 9.6 - 10.5 ppg as necessary from 10,500 to 13,000. Pressures in Strawn and Atoka should not exceed 10 ppg equivalent.
 - (c) Brine gel system with 5cc water loss and weight as in "b" above to T.D. Pressures in Morrow will be subnormal.
- (7) Auxillary Equipment:
- (1) Kelly cocks will be used and maintained.
 - (2) Floats will not be allowed.
 - (3) PVT and flow sensors will be installed at intermediate point.
 - (4) A floor stabbing valve will be kept available for use.
- (8) (a) DST Program: Maximum of four (4) in zones as directed by well sight Geologist.
- (b) Logging Program: Resistivity, Porosity, and Gamma Ray logs will be run from intermediate casing to T.D.
- (c) No cores are planned.
- (9) Abnormal conditions only as detailed in item 6. No H₂S is expected.
- (10) Anticipated starting date: February 15, 1977 with 90 days for drilling and completion.



J.C. Bundy
Drilling Superintendent