

READING & BATES PETROLEUM C

TEN POINT PROGRAM

FEDERAL 21 No. 2
1980 FNL & 660 FEL
Section 21 - T7S-R34E
Roosevelt County, New Mexico

1. Geologic name of surface formation: Ogallala (Triassic)
2. Estimated top of geologic markers:

Yates	2380'
Seven Rivers	2490'
3. Estimated depths of water, oil, gas or other mineral bearing formations:

1500'	2300'	Salt and anhydrite
4245'		Possible oil
4. Casing Program:

0-500'	8-5/8" 24# K-55 New Casing (Surface Pipe) Cemented with sufficient volume to circulate cement to surface.
0-4800'	5-1/2" 14# K-55 Casing cemented through shoe with sufficient cement to reach base of salt and through stage cement collar at top of salt with sufficient cement to cir- culate to surface.
5. Pressure Control Equipment: (See Attached Schematic Diagram)

BOP's and choke manifold will be installed and pressure
tested before drilling out under surface casing. BOP's
will be tested daily for mechanical operation condition.
6. Mud Program:

0-1400'	Native Mud
1400'- T.D.	Salt saturated Gel 9.0-9.2#/gal. Sufficient mud material to maintain mud require- ments and to meet minor lost circulation and blow out problems shall be stored at the well.
7. Auxilliary Equipment:

(1)	Kelly Cock
(2)	Drill Pipe Float
(3)	Full opening valve with sub to fit drill pipe
(4)	Monitoring of mud system will be visual
8. Logging: Dual Induction Laterolog - Surface Casing to TD
FDC-CNL-GR with caliper - 2350' - TD

Coring: None

Drill Stem Testing: As determined by well site geologist.
9. Abnormal Pressure or Temperature: No abnormal pressure or temperature is
anticipated based on offset well data.
10. Anticipated Starting Date: February 1, 1981