

EXHIBIT "B"
DRILLING PROGRAM TO
ACCOMPANY A.P.D. FORM 3160-3

Attached to From 3160-3
Joe Melton Drilling Co., Inc.
Prichard "B" #1
N/2 and SE/4 of NE/4 of Sec. 9, T-25-S, R-37-E
160' FNL & 1650' FEL
Lea County, New Mexico

1. The Geological Surface Formation:

The surface formation is Alluvian.

2. Estimated Tops and Bottoms of Important Geologic Markers:

Anhydrite	1008' - 1104'
Salt	1104' - 2425'
Yates	2630' - 2939'
Seven Rivers	2939' - 3169'

3. Estimated Depth of Anticipated Water, Oil, Gas or Minerals and Lessee's or Operator's Plans for Protection of Such Resources:

Yates & Seven Rivers 3169'

Oil - protected by 4-1/2" casing and cement back to surface

Fresh water above 350 feet will be cased off before drilling deeper

4. The Proposed Casing Program:

Hole Size	Setting Depth Interval	Section Length	Size (OD)	Weight Grade & Joint	Condition
12-1/4"	0-350	350'	8-5/8"	24# J-55 STC	New
7-7/8"	350-3169	3169'	4-1/2"	10.5# K-55 STC	New

Cement Program:

Surface Casing: 250 sx Class C + 2% Ca Cl, circulated to surface.
Production Csg: 450 sx Premium Pacesetter Lite Class "C" + 6% gel + .25# Cello-Seal.
225 sx. (50:50) Poz. Class "C" + 2% gel + 9#/sx. salt, will result in cement circulated to surface.

5. The Operator's Minimum Specifications for Pressure Control Exhibit "C":

is a schematic diagram of the blowout preventer equipment. the BOP will be hydraulically tested to 2500# working pressure after nipple up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period, as will blind rams and annular preventor each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

6. The Type and Characteristics of the Proposal Circulating Muds:

Mud System will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

Depth	Type	Weight #/Gal	Viscosity (Sec./Qt.)	Fluid	PH
0'-350'	Fresh wtr. gel, lime	9.5-10.0	30-35	N/C	9
350'-2450'	Brine wtr.	10.0-10.2	28-30	N/C	9.5
2450'-3169'	Brice wtr.	10.0-10.2	30-34	12-15	10

7. The Auxiliary Equipment to be used:

- (a) An upper and lower kelly cock will be kept in the string
- (b) A float will not be used at the bit.
- (c) A mud logging unit will be used to monitor the system.
- (d) A stabbing valve will be on the floor to be stabbed into the drill pipe when the kelly is not in the string.

8. The Logging Program to be Followed:

- (a) Mud logging unit from 2400' to total depth.
- (b) Compensated Sonic, Gamma Ray & Caliper from (0-3169' or TD). Dual Laterolog from 350'-3169' or TD.
- (c) 4-1/2" cased hole log GR-CCL (2575' - 3169')
- (d) Perforations will be determined but will consist of 10-20 jet shots.
- (e) Stimulation procedures will be determined. Appropriate Sundry Notices will be submitted for stimulation treatment.

9. Any Anticipated Abnormal Pressures or Temperatures:

No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations:

The anticipated starting date is set for July 1, 1993, or as soon as possible after examination and approval of drilling requirements. Operations cover six (6) days for drilling and seven (7) days for completion; up to six (6) months for clean up, depending on weather conditions.