Page 2 Manzano Grande Federal #1 Eddy County, New Mexico.

8.

- 5. Pressure control program (continued): at least once each 24 hours and the blind rams each time the drill pipe is out of the hole. Accumulators shall maintain a pressure capacity reserve at all times to provide for repeated operation of hydraulic preventers. Blowout prevention drills shall be conducted as necessary to insure that each drilling crew is properly trained to carry out emergency duties.
- 6. Mud program: See Exhibit "E".
- 7. Auxiliary equipment to be used:

(1).	Kelly cock.
(2).	Bit float.
(3).	Pit volume totalizer system before reaching
	Wolfcamp.
(4).	Flow line flow sensor before reaching
	Wolfcamp.
(5).	Mud gas separator before reaching Wolfcamp.
(6).	Rotating head before reaching Wolfcamp.
(7).	Full-opening drill string safety valve
	on floor at all times before reaching
	Wolfcamp (valve in "open" position).
Testing,	coring and logging program:
6 -	

- (1). All significant shows of oil or gas will be drill-stem tested. Testing procedure will involve use of dual packers, jars and safety joint. Duration of test, shutin times, etc., will be determined by company engineer in charge.
 (2). No coring is anticipated.
- (3). The following logs will be run:
 a. CNL density log with gamma ray.
 b. Dual laterolog.
 - c. Microlaterolog, selected intervals.
- 9. No abnormal pressures are expected, judging from a study of all nearby wells; however, abnormal pressures can occur in the Wolfcamp and below in the general area. Special safety equipment and gas handling equipment will be used while drilling below the top of the Wolfcamp formation (see #5, #7 and Exhibit "E").