

5. Pressure control equipment: See schematic, Exhibit "D". Before drilling the Wolfcamp formation, the BOP and related control equipment shall be pressure-tested to rated working pressures by an independent service company. The district office shall be notified in time to witness the tests. Pipe rams and the annular-type preventer shall be actuated 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).
8. Testing, coring and logging program:
  - (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, shut-in 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.
9. No abnormal pressures are expected. The Morrow formation can be controlled with a 10.2#/gal. mud. No abnormal temperatures or free hydrogen sulfide gases are known to exist in the area.
10. Anticipated spud date is April 20, 1979. Drilling operations will require approximately 65 days; completion operations will required an additional two to three weeks.