

(6) Estimated Tops of Geologic Markers:

| | |
|----------------------|-------|
| Delaware Sand | 3015' |
| Bone Spring Lime | 4580 |
| 2nd Bone Spring Sand | 6997 |
| 3rd Bone Spring Sand | 8234 |
| Wolfcamp Lime | 8817 |
| Canyon Lime | 9812 |
| Strawn Lime | 10039 |
| Atoka | 10325 |
| Morrow Shale | 10925 |
| Barnett Shale | 11285 |

(7) Estimated Depths of Anticipated Water, Oil, Gas or Minerals:

| | | |
|----------------|-------------|----------------|
| 8825 - 8925' | Wolfcamp | (Possible Gas) |
| 10040 - 10140' | Strawn | (Possible Gas) |
| 10980 - 11050' | Morrow Sand | (Gas) |
| 11200 - 11300' | Morrow Sand | (Gas) |

(9) Amounts and Types of Cement:

| | | |
|---------|---|---|
| 13 3/8" | - | 400 sxs Class C w/2% CaCl. |
| 8 5/8" | - | 800 sxs Halliburton Lite and 150 sxs Neat w/2% CaCl. |
| 4 1/2" | - | 375 sxs Class H w/8# CaCl per sack & 3/4 of 1% CFR-2. |

(11) Mud Program:

| | | |
|---------------|---|--|
| 0 - 425' | - | Fresh water w/native mud & lime. |
| 425 - 2800' | - | Fresh water w/native mud & lime. |
| 2800 - 8700' | - | Fresh water. |
| 8700 - 10850' | - | Mixture of Brine and Fresh Water to maintain 9.8-9.9#/gal. weight. |
| 10850 - T.D. | - | Brine water base gel mud w/additives to control weight @ 9.8#, water loss 5cc., Viscosity 33-37. Lost circulation material to be added as needed to control seepage. |

Quantities and Types of Mud and weighting materials to be maintained shall approximate the following:

| | |
|------------------|-----------------|
| 100 sxs Fiber | 150 sxs Lime |
| 200 sxs Paper | 25 sxs Soda Ash |
| 200 sxs Salt Gel | 10 sxs Caustic |
| 125 sxs Starch | |

(12) Proposed Drillstem Tests:

| | |
|----------------------|---|
| Delaware Sand | 1 |
| Wolfcamp | 1 |
| Strawn | 1 |
| Morrow | 2 |
| No cores anticipated | |

Logging Program:

Compensated Density - Neutron
(Total depth to 2800' w/Gamma Ray 2800' to surface)
Forxo-Guard
(Total depth to 8000')

(13) Pressures:

No abnormal pressures anticipated. If Wolfcamp or Atoka tend to kick, raise brine weight to 10.1 - 10.2#/gal.

Blowout Preventers and Hydril utilized as indicated on Form 9-331C.

(14) Anticipated Commencement Date is August 5, 1977, with duration of operations to be approximately 35 days.