

DRILLING PROGRAM

Attached to Form 3160-3
ELK OIL COMPANY
Nitschke "66" Federal #1 Well
823' FNL and 1650' FWL
Section 19-T13S-R29E
Chaves County, New Mexico

1. GEOLOGIC NAME OF SURFACE FORMATION:

Permian
Quaternary Sandy Alluvium

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

| | | | |
|------------|-------|---------------|-------|
| Yates | 700' | Abo | 5595' |
| 7-Rivers | 825' | XX Wolfcamp | 6727' |
| Queen | 1390' | 3-Brothers | 7035' |
| Grayburg | 1700' | Mississippian | 8455' |
| San Andres | 1960' | Kinderhook | 8950' |
| Glorietta | 3360' | Devonian | 9160' |
| Tubb | 4795' | | |

3. ESTIMATED DEPTHS OF ANTICIPATED FRESH WATER, OIL OR GAS:

Fresh Water 150'
Devonian 9160'

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 13 3/8" casing at 300' and circulating cement back to surface.

4. PRESSURE CONTROL EQUIPMENT:

See Exhibit "A" for description. Equipment to be tested daily after installation.

5. CASING PROGRAM:

| <u>HOLE SIZE</u> | <u>INTERVAL</u> | <u>OD CASING</u> | <u>WEIGHT, GRADE, JNT COND TYPE</u> |
|------------------|-----------------|------------------|---|
| 17 1/2" | 0 - 300 | 13 3/8" | 48#, H-40 |
| 12 1/4" | 300 - 2100 | 8 5/8" | 24#, K-55 |
| 7 7/8" | 2100 - TD | 5 1/2" | 17#, N-80 |