

Attached to F 3160-3
Mack Energy Corporation
Brigham H #4
1702 FSL & 921 FWL
NW/4 SW/4, Sec 21 T17S R30E
Eddy County, NM

DRILLING PROGRAM

1. Geologic Name of Surface Formation

Quaternary

2. Estimated Tops of Important Geologic Markers:

| | |
|--------------|---------|
| Quaternary | Surface |
| Top of Salt | 505' |
| Base of Salt | 1025' |
| Yates | 1600' |
| Queen | 2130' |
| San Andres | 3050' |
| Glorietta | 4320' |
| Abo | 6580' |

3. Estimated Depths of Anticipated Fresh Water, Oil and Gas:

| | | |
|------------|-------|-------------|
| Water Sand | 150' | Fresh Water |
| Grayburg | 2580' | Oil/Gas |
| San Andres | 3050' | Oil/Gas |
| Paddock | 3950' | Oil/Gas |
| Abo | 6580' | Oil/Gas |

No other formations are expected to give up oil, gas or fresh water in measurable quantities. Setting 13 3/8" casing to 425' and circulating cement back to surface will protect the surface fresh water sand. Salt Section will be protect by setting 8 5/8" casing to 1040' and circulating cement back to surface. Any shallower zones above TD which contain commercial quantities of oil and/or gas will have cement circulated across them by cementing 5 1/2" production casing which will be run at TD.

4. Casing Program:

| Hole Size | Interval | OD Casing | Weight, Grade, Jt, Cond., Type |
|-----------|----------|-----------|--------------------------------|
| 17 1/2" | 0-425' | 13 3/8" | 48#, K-55, ST&C, New, R-3 |
| 12 1/4" | 0-1040' | 8 5/8" | 24#, K-55, ST&C, New, R-3 |
| 7 7/8" | 0-TD | 5 1/2" | 17#, J-55, LT&C, New, R-3 |