

DRILLING PROGRAM

Attached to Form 3160-3
Mack Energy Corporation
Mcintyre K Federal #8
330' FSL & 1650' FWL
SE/4 SW/4, SEC 17 T17S R30E
EDDY CO., N.M.

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'
Grayburg	2580'
San Andres	3052'
Glorietta	4325'

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

Water Sand	150'	Fresh Water
Grayburg	2580'	Oil/Gas
San Andres	3052'	Oil/Gas

No other formations are expected to give up oil, gas or fresh water in measurable quantities. The surface fresh water sand will be protected by setting 13-3/8" csg to 250' and circulating cement back to surface. Salt will be protected by setting 8-5/8" csg to 1100' 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 csg which will be run at TD.