

COLLIER ENERGY, INC.  
Falcon Federal #1  
NM-077004

330' FSL & 990' FEL, Sec. 19, T-19-S, R-33-E  
Lea County, New Mexico

To supplement USGS Form 9-331C "Application to Drill", the following additional information is submitted concerning questions on page 5 of NTL-6:

1. See Form 9-331C.
2. See Form 9-331C.
3. The Geological Name of Surface Formation is: Sand Dunes
4. See Form 9-331C.
5. See Form 9-331C.
6. Estimated Tops of Geological Markers are:

Salt	1318'
Yates	2930'

7. The estimated depths at which anticipated water, oil, gas and mineral bearing strata are as follows:

Yates	2930'
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8. See Form 9-331C - All casing will be new.
9. See Form 9-331C for depths of strings. Cement volumes and additives as follows:
  - a) 8 5/8" casing: cement with 150 sxs. of Class "C" cement with 2%  $\text{CaCl}_2$ .
  - b) 4 1/2" casing: cement with 300 sxs. of 50/50 Class "C" Pozmix with 4% gel and 2%  $\text{CaCl}_2$  followed by 200 sxs. 50/50 Class "C" Pozmix with 2%  $\text{CaCl}_2$ .
10. Well will be drilled with a Cable Tool rig. No pressure control equipment.
11. No mud program. Well will be drilled with a Cable Tool rig.
12. Logging and testing is shown on Application to Drill.
13. No abnormal hazards are expected.
14. Anticipated starting date is February 28, 1981. Duration of operations should be sixty (60) days.