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SOUTHLAND ROYALTY COMPANY

DEXTER FEDERAL #2
LC-029020

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

2260' FSL & 2310' FEL, Sec. 15, T-17-S, R-30-E
Eddy 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: Haplargid-Ustipsament
4. See Form 9-331C.
5. See Form 9-331C.
6. Estimated Tops of Geological Markers are:

Yates	1250'
Queen	2190'
Grayburg	2570'
San Andres	2880'

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

Grayburg	2570'
San Andres	2880'

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 255 sacks of Class "C" cement w/2% CaCl.
 - b) 5 1/2" casing: Cement with 400 sacks of 50:50 Class "C" Pozmix w/4% gel & 2% CaCl followed by 350 sacks 50:50 Class "C" Pozmix w/2% CaCl.
10. Pressure control equipment diagram is attached to Form 9-331C. The BOP will be tested before drilling below surface pipe and before drilling anticipated oil and gas formations.
11. The mud program will be, as recommended, by a reliable mud engineer. We will start to mud-up at approximately 2300' with viscosity of 34-38 and 9.5# salt-gel mud.
12. Logging and testing is shown on Application to Drill.