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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 gological name of surface formation is: Guadalupian
- 4. See Form 9-331C.
- 5. See Form 9-331C.
- 6. The estimated tops of important geological markers are:

T/salt	350 <b>'</b>	San Andres	2825 <b>'</b>	Morrow	10,650'
B/salt	800 <b>'</b>	Wolfcamp	8700 <b>'</b>	Mississippian	11,400'
Yates	1050'	Cisco	9700 <b>'</b>		•
Queen	1975 <b>'</b>	Strawn	9900 <b>'</b>		
Grayburg	2350 <b>'</b>	Atoka	10,450'		

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

San Andres (Oil)	2825
Wolfcamp (Oil)	8700 <b>'</b>
Cisco (Gas)	9700 <b>'</b>
Strawn (Gas)	9900
Atoka (Gas)	10,450'

- 8. See Form 9-331C. All casing will be new.
- 9. See Form 9-331C for depths of strings. Cement volumes and additions as follows:
  - a. 11 3/4" casing: Cement w/275 sx. Class "C" cement w/2% CaCl. Cement to be circulated back to surface.
  - b. 8 5/8" casing: Cement w/800 sx. Class "C" Lite, 18% salt/sx, 10# Gilsonite/sx, ½# Flocele/sx. plus 300 sx. Class "C" w/3# salt/sx. Circulate cement back to surface. A caliper log will be run in conjunction with other logs prior to running casing to obtain exact hole volumes. It is estimated that the volumes used will circulate cement back to surface of ground.
  - c. 4½" casing: Cement w/435 sx. Class "C" Lite .6% Halad 22/sx, 3# KCL/sx. plus 300 sx. Class "H" 50-50 Pozmix A, 2% Cel/sx., .6% Halad 22/sx., .4% CFR-2/sx, 3# KCL/sx. Will run caliper in conjunction w/open hole logs prior to setting 4½" casing to determine exact cementing volumes. Top cement estimated to be at 8500'. Cementing volumes could vary depending on development of intermediate horizons.