

**MERIDIAN OIL INC.**

Benson "3" Federal # 3  
1650' FNL & 330' FEL  
Sec. 3, T-19-S, R-30-E  
Eddy County, New Mexico  
NM-29228

To supplement USGC Form 3160-3 Application to Drill the following additional information is submitted concerning questions on Page 5 of NTL-6:

1. See Form 3160-3
2. See Form 3160-3
3. The geological name of surface formation is: Ochoa
4. See Form 3160-3
5. See Form 3160-3
6. The estimated tops of important geological markers are:

Yates	2,050'	Queen Sand	2,950'
Seven Rivers	2,325'	Grayburg	3,430'
7. The estimated depths at which anticipated water, oil, gas, and mineral bearing strata are as follows:

Queen	2,950' - Oil
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8. See Form 3160-3. All casing will be new.
9. See Form 3160-3 for depths of strings. Cement volumes and additions as follows:
  - a. 8 5/8" csg: Cement w/450 sx Cl. "C" cmt + 2% CaCl<sub>2</sub>.
  - b. 5 1/2" csg: Cement w/±450 sxs Cl "C" Lite and tail in w/250 sxs Cl "C".

A caliper log will be run prior to setting 5 1/2" pipe to determine exact cement volumes required.

10. The pressure control diagram is attached to Form 3160-3. The following additional information is as follows:

8 5/8" casing installation: 10" - 3M BOP stack to be installed and tested by an independent tester to 3,000 psi before drilling the 8 5/8" casing shoe. The BOP stack to consist of an annular BOP, blind ram BOP, and one pipe ram BOP.