

Bureau of Land Management
Application for Permit to Drill Worksheet
Revolver 7 Federal Com, Well No. 1
Eddy County, New Mexico

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4. CASING PROGRAM

Conductor: 20" will be set approximately 40' below ground level (BGL).
Surface Casing: 13-3/8" casing will be set at approximately 400'.
Intermediate Casing: 8-5/8" casing will be set at approximately 3,000'.
Production Casing: 5-1/2" casing will be set if the well is productive by log measurements.

<u>DEPTH</u>	<u>SIZE</u>	<u>GRADE</u>	<u>WEIGHT</u>	<u>THREAD</u>	<u>CONDITION</u>
400'	13-3/8"	H-40	48#	ST&C	New
3,000'	8-5/8"	K-55	32#	ST&C	New
10,950'	5-1/2"	N-80	17#	LT&C	New

5. CEMENT PROGRAM

SURFACE CASING: 13-3/8" @ 400'

TOTAL: 550 CU FT / 280 SX (ASSUMING 100% EXCESS)

SLURRY: 35/65 POZ CLASS "C" + 2% CaCl + 6% BENTONITE GEL + .25%
#/SX CELLOFLAKES MIXED WITH 10.75 GPS FRESH WATER @
12.5 PPG AND YIELD 1.97 CU FT/SX.

CALCULATED TOP OF CEMENT: CIRCULATED TO SURFACE
CALCULATED CEMENT FILL: 400'

INTERMEDIATE CASING: 8-5/8" @ 3,000'

LEAD: 950 CU FT / 500 SX
TAIL: 200 CU FT / 150 SX
TOTAL: 1150 CU FT / 650 SX (ASSUMING 50% EXCESS)