

Phantom Draw Unit Well No. 2
Wildcat
1320' FS & WL, Sec. 16, T-26-S, R-31-E
Eddy County, New Mexico

CEMENTING PROGRAM

CONDUCTOR PIPE

Set 20" pipe at approx. 40' w/a rathole machine.
Cmt w/redi-mix.

SURFACE CASING

Hole (Bit) Size:	17-1/2"
Csg. Size:	13-3/8"
Approx Setting Depth:	1000
Est BHT:	85°F
Rate, BPM:	10-12
WOC Time:	12 Hrs
Test Pressure:	1000 PSIG - 30 Mins.

A volume of cmt equivalent to 200% of the annular volume based on bit size will be used. Cmt must circ. If necessary, run 1" and cmt to surface using a 4:1 mixture of cal-seal and Class "C" cmt.

650 sx Class "C" w/2% GEL, 14.1 PPG, 1.51 FT³/SK followed by 300 sx Class "C" w/2% CACL₂, 14.8 PPG, 1.32 FT³/SK.

EQUIPMENT REQUIRED:

Float Shoe (1)
Float Collar (1)
S-3 Centralizer (3)
Ez-Lok Clamp (1)
Weld-a-Kit (3)

SALT STRING

Hole (Bit) Size:	12-1/4"
Csg Size:	9-5/8"
Approx Setting Depth:	4,000'
Est BHT:	100°F
Rate, BPM:	10 - 12 BPM
WOC Time:	24 Hrs
Test Pressure:	2500 PSIG - 30 Mins.

A volume of cmt equivalent to 200% of the annular volume based on bit size will be used. Cmt is calculated to circ. If it does not, WOC approx 8-10 hrs and run temperature survey. Pump calculated theoretical volume from surf to indicated TOC of Class "C" neat cmt down backside.