

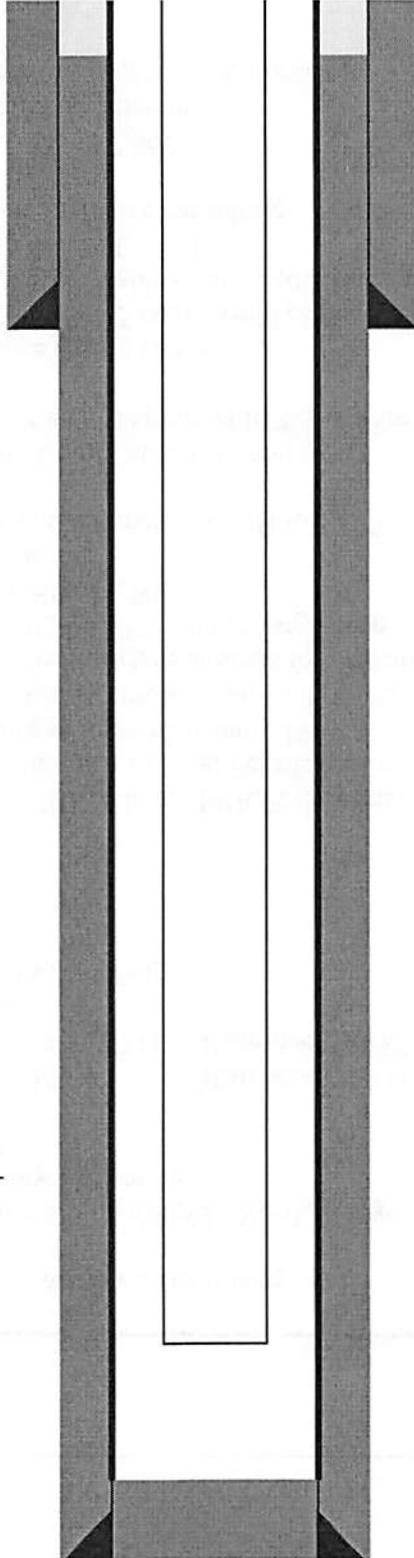
# Investment Equipment

## WELLBORE DIAGRAM Before P&A

Well / Battery Harper #1-20	Prospect Name	Total Depth 2,732	Est. Start Date ASAP
Location CSW	Sec-Twn-Rng Sec 20 - 33S -43W	Producing Horizon Red Cave	County & State Baca

### WELLBORE DIAGRAM

Cementing Information



Surface Casing

8 5/8" 24# set at 860' TOC at surface

Long String

TOC for 4 1/2" at 150'

Tubing Unknown

Perfs at 1,597' - 1,630'

Production Casing

4 1/2" 10.5# at 2,732  
500 sxs

# Investment Equipment

## WELLBORE DIAGRAM AFTER P&A

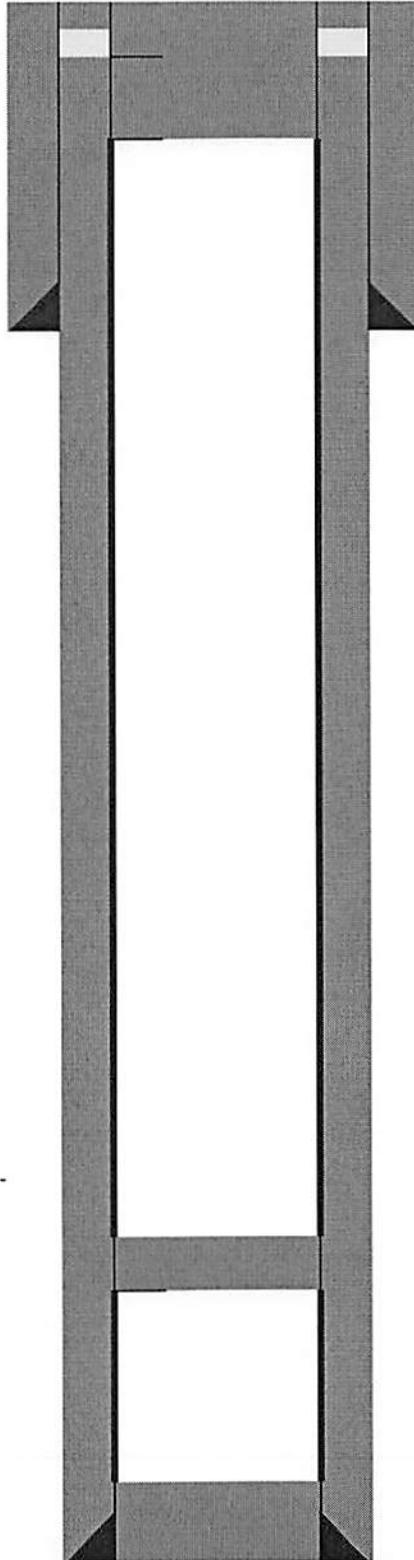
Well / Battery Harper #1-20	Prospect Name	Total Depth 2,732'	Est. Start Date ASAP
Location CSW	Sec-Twn-Rng Sec 20 - 33S -43W	Producing Horizon Red Cave	County & State Baca

### WELLBORE DIAGRAM

**Cementing Information**

20 sxs in 4 1/2" from 250' to surface

Run in 4 1/2" x 8 5/8" annulus with 1" to 50' and circulate 10 sxs to surface



**Surface Casing**

8 5/8" 24# set at 860' TOC at surface

**Long String**

TOC for 4 1/2" at 150'

CIBP & 2 sxs at 1,540'

Perfs at 1,597' - 1,630'

**Production Casing**

4 1/2" 10.5# at 2,732'  
500 sxs