

NMOC D

API WELL # Well Name Well # Operator Name Type Stat County UL Sec Twp N/S Rng W/E Feet NS Ft EW Order_No
30-045-10326 HORSESHOE GALLUP UNIT 046 PLAYA MINERALS & ENERGY INC O A San Juan 1 30 31 N 16 W 1980 S 660 E
8 5/8 106 115S 4 1/2 1394 150S 2 7/8 1347 1201-1346

Procedure

MIRU, NUBOPE,

POOH Lay Down Rods & Tubing if present,

RIH with Gauge ring,

Pick up work string, Run Scraper if required,

RIH Set CIBP 1110 ', cap with 218 'cement .

Test casing.

POOH lay down tubing.

RU wire line RIH, perforate @ 156 ' + - 50' under surface casing shoe or Mesa Verde base whichever is lower..

Establish Circulation; circulate cement to surface inside and outside casing

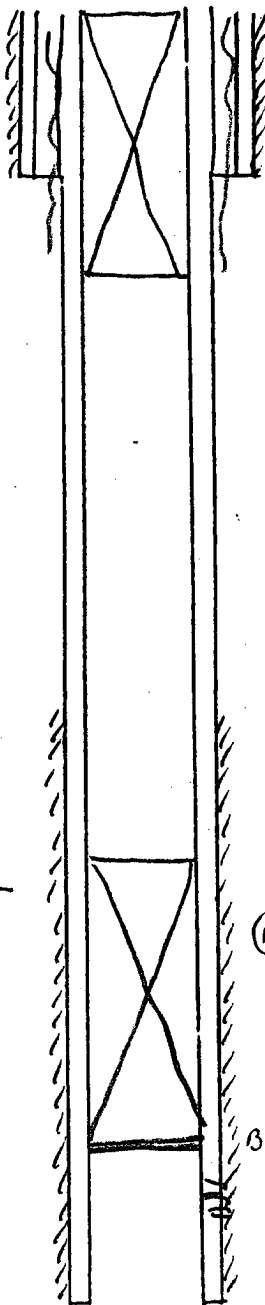
Cut off well head and install P&A marker

Cut off anchors 2' below ground

Clean and level location

WELL NAME 46 HGU
 SEC, TWN, RNG. 30-31N-16W

Man cos



8 5/8" 24 #
 106'

plug 156 - surface

$$\begin{aligned} 156 / 10.96 (1.18) &= 12 \text{ sks} \\ 50 / 4.3899 (1.18) &= 10 \text{ sks} \\ 106 / 4.046 (1.18) &= 22 \text{ sks} \\ &= 44 \text{ sks} \end{aligned}$$

TOC \approx 766' 75% eff

Gallup 942'

$$(1110 - 892) + 50 / 10.96 (1.18) = 21 \text{ sks}$$

plug 1110' - 892'

BP @ 1110'

Perf @ 1201' - 1346'

4 1/2" 9.5 #

1394'

SURFACE CASING

SIZE HOLE _____"

SIZE CASING _____"

Annular Volume _____ ft³/ft.

Cement _____ sk

Volume _____ ft³

INTERMEDIATE CASING

SIZE HOLE _____"

SIZE CASING _____"

Annular Volume _____ f

Cement _____ s

Volume _____ f