

DATE: FEBRUARY 8, 1996
WELL NAME: BRIGHT FEDERAL #2
FIELD: INDIAN BASIN
LOCATION: 1650' FSL, 1650' FWL SEC 21, T21S, R23E
EDDY, NEW MEXICO

DATA

Permanent Zero Point: 15' (EST)
PBTD: 7657'
Casing Size, Weight, Depth: 7", 26#, K-55 @ 7700'
Retainer: EZSV @ 7340'
Packer Type & Depth: 7" OTIS PERMALATCH PKR @ 7044'
Tubing Size, Weight, Type, Depth: 3-1/2" 9.3#, J-55, 8RD @
TOC: 4000' (EST)
Log: CNL/LDT/GR/CALIPER
Perfs (Formation & Depth) : CISCO-UPPER PENN: 7286-96', 7304-34'

PROCEDURE

NOTE: THIS ZONE MAY CONTAIN 6000-7000 PPM H₂S. USE PROPER SAFETY PRECAUTIONS.

1. MIRU RIG. KILL WELL DOWN 3-1/2" TBG W/2% KCL. RD WH. RU BOPS. POOH W/3-1/2" TBG AND PACKER.
2. CHANGE OUT BOPS TO 2-7/8" PU & RIH W/BIT & 2-7/8" WS.
3. DRILL OUT EZSV/CMT AND CIBP @ 7370' W/2% KCL. RIH TO 7564', TAG CIBP. POOH.
4. RU E/L. RIH AND SET EZSV @ 7410'.
5. RIH W/2-7/8" WS & STINGER. STING INTO EZSV AND ESTABLISH INJECTION RATE.
6. RU HALLIBURTON. PU 20 FT. MIX AND SPOT 150 SX SLURRY AS PER ATTACHED RECOMMENDATION TO WITHIN 200' OF STINGER. RESTING INTO EZSV AND SQZ. POOH.

NOTE: HOOK UP RIG PUMP TO ANNULUS AND PUMP @ 1/4 - 1/2 BPM DURING TREATMENT W2% KCL.

7. STING OUT OF RETAINER. PU 100'. WOC 4 HRS. RE-STING INTO RETAINER & TEST SQZ TO 1000#.

NOTE: IF NO PRESSURE IS OBSERVED OVERDISPLACE BY 5 BBLs, PU 100' WAIT 4 HRS AND REPEAT STEPS 6 & 7.