

# WELL HISTORY

## BRIGHT FEDERAL #2

FIELD: IDIAN BASIN  
LOCATION: 1650' FSL, 1650' FWL SEC 21, T21S, R23E  
EDDY, NEW MEXICO

ELEVATION: 13' - KB 3922' - GL  
DEPTHS: 7700' - TD 7657' - PBTD  
SPUD DATE: 6-22-95 COMPLETED: 12-7-95  
CSG DATA: 9-5/8", 36#, K-55 @ 1315'  
7", 26#, K-55 @ 7700'  
3-1/2", 9.3#, J-55 @ 7044'

---

### WELL HISTORY

6-22-95 SPUD WELL. LOST 2150 BBLS DRLG MUD & LCM WHILE DRLG. ACROSS MAIN PAY OF UPPER PENN. TD ON 7-7-95. LCM - MAGNA FIBER + CALCIUM CARBONATE.

7-15-95 TESTED CANYON SAND. PERF W/3-3/8" GUN, FR 7604-14' USING OB PERF TECHNIQUE. PUMP 2 BBLS 15% NEFEHCL FOLLOWED W/N2 & ACID. PRESSURED TO 8100#. RELEASED GUNS. FP @ 5900 PSI. SWABBED WELL. REC 0 BO, 20 BLAW, 15 BW. FL 2400' TO 7500'. BLED DOWN SET BP @ 7564'.

7-18-78 PERF'D UPPER PENN FR 7360-85, 90-402, 414-38, 460-78, 485-95', 304-34, 344-54 W/4" CSG GUN @ 4 SPF. ACDZ W/PPI TOOL @ 125 GALS/FT W/15% NEFEHCL. UNABLE TO BREAKDOWN FR 7485-95'. TOTAL ACDZ @ 14,875 GALS. SWAB TEST UNDER PKR @ 7044' FOR 8 DAYS. SWAB RESULTS, FLUID LEVEL @ +/- 5500'. REC 695 BBLS, (531 BBLS LOAD/164 BBLS WTR). SITP @ 250 PSI.

7-30-95 PERFORMED OB SURGE @ 155 GAL/FT, 20,000 GAL TOT..RESULTS TESTED 11 DAYS. WELL FLOWED 1643 BBLS WTR, 1ST 4 DAYS @ 210 MCFPD, FTP @100#, +/- 400 BWPD. WELL LOADED UP.

8-10/95 PLUGGED BACK TO 7340' W/20/40 SD. PERFORMED OB SURGE ON 7286-96, 7304-34' @ 250 GAL/FT, 10,000 GAL TOTAL 15% NEFEHCL. USED 2 PPG GRS DIVERTORS. PROD TEST - 2 DAYS. FLOWING FR 125 TO 0#. REC 428 BBLS WTR. WELL DIED.

8-15-95 CLEANED OUT FILL TO 7564'. POP W/TS @ 7539', TESTED 12 DAYS. FLUID LEVEL FOAMY. NO GAS REC TOTAL REC @ 1569 BBLS. CHLORIDES @ 22,000 PPM.