



**Marathon
Oil Company**

P.O. Box 552
Midland, Texas 79702
Telephone 915/682-1626

BONE FLATS FED COM. #4
660' FSL & 660' FWL
SEC 12, T-21-S, R-23-E
EDDY CO., N.M.

BONE FLATS FED COM NO. 4

PRE-SET 16" CONDUCTOR @ 10'. MIRU UNITED #1. SPUD 14 3/4" HOLE @ 1000 HRS, 10-10-95. AIR DRILLED SURFACE HOLE TO 1,200'. TD @ 1715 HRS 10-13-95.

RAN 28 JTS, 9 5/8", 36#, K-55, STC CSG to 1,200'. FLOAT SHOE @ 1,198', FLOAT COLLAR @ 1,155'.

RU BJ MIXED & PUMPED 200 SX THIXAD, 3% CACL₂, 10 PPS GILSONITE, 1/2 PPS CELLO, WT 14.6, YIELD 1.55, TAILED IN W/200 SX PSL 'C' W/3% CACL₂, 10 PPS GILSONITE, 1/4 PPS CELLO, WT - 12.5, YIELD 2.01. TAILED IN W/200 SX 'C' W/2% CACL₂, WT - 14.8, YIELD 1.33. BUMPED PLUG. DID NOT CIRC CEMENT. WOC 3 HRS. RAN 1" TO TOC @ 340'. PUMPED 100 SX 'C' NEAT W/3% CACL₂, WOC 2 HRS, FOUND TOC @ 30', PUMPED 50 SX 'C' NEAT, CIRC'D 20 SX TO SURFACE.

RD UNITED @ 1800 HRS 10-14-94.

MIRU MCVAY #4. NU 11" 3M DUAL RAMS, ANNULAR, CHOKE MANIFOLD & KILL LINES. TESTED RAMS, CHOKE & KILL LINES, FLOOR VALVES AND MUD LINES TO 300/3000 PSI. TESTED ANNULAR TO 1500 PSI.

PU 8 3/4" BIT & BHA TAGGED CEMENT @ 1110'. TESTED CASING TO 1750 PSI. DRILLED FC & CEMENT TO 1185' TESTED CASING TO 1750 PSI.

RESUMED DRLG. FORMATION TO 8,100', TD @ 1345 HRS 11-4-95. RU LOGGERS, LOFFED WELL AS FOLLOWS: CNL/GR/CAL 8,100' - SURFACE, LSS/GR/SP 8,100' - 7,400', FMI/GR 8,100 - 4,000'.

CHANGED RAMS TO 7" RAN 40 JTS 7", 26#, K-55, LTC, 109 JTS 7", 23#, K-55 LTC, FLOAT SHOE @ 8,098', FLOAT COLLAR @ 8,010', DV @ 6,404'.

RU BJ CEMENTED 1ST STAGE W/350 SX 'H' W/5 PPS CSE, 1% FL-62, 3 PPS KOLSEAL, .1% LWL, WT-15.33, YIELD 1.29. BUMPED PLUG, SHIFTED TOOL CIRC'D 56 SX CEMENT TO FURFACE. CEMENTED 2ND STAGE W/700 SX PSL 'C' W/6% GEL, 5% NACL, 3PPS KOLSEAL, .15% LWL, WT - 12.7, YIELD 1.99. TAILED IN W/100 SX CLASS 'H' NEAT. BUMPED PLUG, CLOSED TOOL, CIRC'D 85 SX TO SURFACE.

ND BOP SET SLIPS W/140K, CUT 7", N.U. 11" 3M X 7 1/16" 3M TBG HEAD. TESTED SEALS TO 2000 PSI.

RIG RELEASED @ 1700 HRS 11-11-95.

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