

Prod Supt _____
Drig Supt _____
Drig Tech _____
Engr _____

Unocal Corp.
Central United States
Business Unit

Date: 11/21/94

Field: Quail Ridge

Asset Group: South

Lease/Unit: Pipeline Deep Unit

Well No.: 4

Reason For Work: To Plug and Abandon

Condition of Hole:

Total Depth: 13,450'

PBTD: 9,537'

KB Datum is 18' A/GL:

Casing Record: 13-3/8" @ 308', K-55, Cmt'd w/ 375sx CIRC
8-5/8" @ 5200' N-80, Cmt'd w/ 2800sx. Cmt Circ.
5-1/2" @ 13,450' 17# N-80, S-95, Cmt'd w/1500sx TOC @ 7150'.

Perforations: **Morrow Perfs.** 13,065-13,245'.
Baker "DB" Pkr w/tbg plug set "F" nple
@ 12,992'. Capped 25sx cmt. TOC @ 12,947.
Plug #1: 50sx (10,742-10,938').
Bone Springs. 9,620-9,980'
Plug #2: 75sx (9537-10,049').

Tubing Detail: None.

Rod & Pmp Detail: None.

Regulatory Requirements: Notify BLM prior to rig-up.

PROCEDURE:

1. MIRU DD PU. ND WH. NU BOP & FNCTN TST. PU & RIH W/OE'D WS TO 9537'. RU, MIX & CIRC HLE W/ 10 PPG MLB. PUH TO 7604. RU & SPOT 25 SX CLASS "C" CMT MIXED @ 14.8 PPG. FROM 7604-7359'. **PLUG #1:(7359-7604'). BONE SPRINGS TOP.** TOH.
2. ND BOP & WH. WELD-ON 5-1/2" PULL NPLE. WORK PIPE & RMVE SLIPS. EST FREE-PT BY STRETCH. NU BOP. RIH & JET CUT CSG $\pm$ 7000'. POOH LD CSG.