

Oper Engineer
Res Engineer
Drlg Supt

ASA

UNION OIL COMPANY OF CALIFORNIA
CENTRAL U.S. BUSINESS UNIT
CONDITION OF HOLE & PROCEDURE

DATE: October 6, 1994

FIELD: Red Hills (Wolfcamp)

AREA: South Permian Asset

LSE/UNIT: Red Hills Unit

WELL NO: 3

REASON FOR WORK: To recomplete to the Upper Wolfcamp interval.

CONDITION OF HOLE:

TOTAL DEPTH: 17,597' ETD or DRILLERS'
PBTD: 16,240' DATUM IS 33' ABOVE:G.L.

CASING RECORD: 20" 94# K-55 @ 825'. Cmt Circ
13-3/8" 61 & 68# L-80 & K-55 @ 4877'. Cmt Circ
9-5/8" 47 & 53.5# LSS-95 & C-95 @ 13,000'. TOC @ 7700'
7-3/4" liner 46.1# P-110 @ 12,685-16,986' w/650 sxs
4-1/2" liner 11.6# LS-95 @ 16,387-17,597' w/180 sxs
7-5/8" 39# T-125 ST-L smls csg @ 12,685' w/200 sxs
Tieback into 7-3/4" liner

PERFORATIONS: Atoka Perfs: 14,528 - 545' (204 Total shots)
Cmt retainer @ 16,240'

TUBING DETAIL: 469 jts & 4 subs (14,347.8') 2-7/8" 8.7# L-80 LJ35 smls
tbg @ 14,461'. Spaced out w/30" slack off and latch
into 7-3/4" Otis "WB" pkr @ 14,400', 10,000# compression
Cut tbg below pkr @ 14,444 WLM

ROD & PUMP DETAIL: None

REGULATORY AGENCY REQUIREMENTS: None

PROCEDURE:

- 1) Load 2-7/8" tbg w/10 ppg brine water and establish injection rate into Atoka perfs 14,528-545'. If acceptable rate is established, squeeze perfs under Otis "WB" pkr @ 14,400'. (Squeeze procedure to follow)
- 2) If injection rate is not acceptable, run guage ring and set CIBP in tailpipe below packer.
- 3) MIRU pulling unit. Nipple down tree. Nipple up BOP and test BOP to 5000 psi. Release from packer, Scanalog tubing out of hole.
- 4) Run 7-3/4" CIBP on wireline and set @ 14,400'.