

Engineering *KCL*  
Dist. Engineer *4466*  
Drilling Eng *2a*  
Dist Drlg Supt *DDW*

**UNION OIL COMPANY OF CALIFORNIA**  
**SOUTHWEST REGION**  
**CONDITION OF HOLE & PROCEDURE**

**DATE:** 5-31-91

**FIELD:** North Sand Dunes

**AREA:** Andrews

**LSE/UNIT:** Barclay Federal

**WELL NO.** 1

**REASON FOR WORK:** To determine if the recent decline in production is due to skin damage around the wellbore.

**CONDITION OF HOLE:**

**TOTAL DEPTH:** 15,500' **ETD or** **Drillers'**  
**PBTD:** 15,180' **DATUM IS** 22' **ABOVE:** G.L.

**CASING RECORD:** 13-3/8", 48#, H-40 ST&C csg @ 792' cmt'd w/700 sks-circ.  
10-3/4", 45.5#, S-80 & K-55 ST&C @ 4520' cmt'd w/1750  
sks -circ.  
7-5/8", 33.7# & 29.7#, P-110 & S-95 LT&C csg @ 12,600'  
cmt'd in 2 stages w/2250 sks - DV tool @ 8008', TOC @  
4100' by survey  
4-1/2", 13.5#, P-110 LT&C liner from 15,388'-12,233'  
TOC - cmt'd w/550 sks

**PERFORATIONS:** 14,818-832' (w/4 JSPF)

**TUBING DETAIL:** 477 jts + 3 subs (14,738') 2-3/8", 4.7#, N-80 &  
P-105, AB Mod, 8rd, EUE tbg

**ROD & PUMP DETAIL:**

**REGULATORY AGENCY REQUIREMENTS:**

**PROCEDURE:**

1. MI RU. Install lubricator.
2. RIH w/Amerada gauge on slickline and set in x-nipple @ 14,546.7'.
3. POOH. RD MO.
4. MI RU (7 days later). Install lubricator.
5. RIH w/slickline and retrieve Amerada gauge @ 14,546.7'.
6. POOH RD MO.

ANDREWS DISTRICT ENGINEERING  
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