

FORM CR-MID
8-73

UNION OIL COMPANY OF CALIFORNIA
CENTRAL REGION
MIDLAND DISTRICT
CONDITION OF HOLE & PROCEDURE

DATE: 1-23-74
Revised 4-25-74

FIELD Inbe Permo-Penn AREA Lovington
LEASE/UNIT Southland State "13" WELL NO. 1
REASON FOR WORK: To plug and abandon.

CONDITION OF HOLE:

TOTAL DEPTH: 9908 ETD or
PBTD: 9874 DATUM IS 13 ' ABOVE GL

CASING RECORD: 11-3/4" 42#, H-40 @ 400' cmt. W/275 sx.

8-5/8" 32# & 24#, J-55 @ 4000' cmt. W/400 sx.

5-1/2" 17# & 15.5#, N-80 & J-55 @ 9908' cmt. W/300 sx.

PERFORATIONS: 9853 - 9858 2 SPF

TUBING DETAIL: 230 jts. 2-3/8" & 85 jts. 2-7/8" @ 9777 W/Baker Anchor
catcher @ 9676'.

ROD & PUMP DETAIL: 103 - 7/8"
288 - 3/4"

PROCEDURE:

1. Move in and rig up pulling unit.
2. Pull and shop rods and pump.
3. Release anchor and pull seals out of Model N packer at 9777'.
4. Pump 250 bbl. fresh water (or establish circulation) down 5-1/2" x 2-3/8" annulus.
5. Circulate hole w/9.5 ppg. mud.
6. Sting into Model N pkr. and squeeze 40 sx. Class C cement w/2% CaCl and 1/4 lb. Floceleper sx. PLUG NO. 1 out perfs at 9853'-9858'. Pull out of packer and dump 5 sxs. cmt. on top.
7. Pull tbg to 9500'. WOC 4 hours and tag cement PLUG NO. 1.
8. Pull tbg. to 8000' and spot 25 sx. Class C cement PLUG NO. 2 8000' - 7775'.
9. POOH w/tbg.

10. Free point 5-1/2" csg and cut off at freepoint (approx 6000').
11. Run tbg open ended to 6150' and spot 60 sx Class "C" cement PLUG NO. 3 in and out of 5-1/2" stub from 6150'-5825'.
12. Pull tbg to 5373' and spot 60 sx Class "C" cement PLUG NO. 4 from 5373'-5140'.
13. Pull tbg to 4100' and spot 60 sx Class "C" cement PLUG NO. 5 across 8-5/8" shoe from 4100'-3890'. POOH w/tbg.
14. Free point 8-5/8" csg and cut off at free point (approx 1200').
15. Run tbg open ended to 1350' and spot 100 sx Class "C" cement PLUG NO. 6 in and out of 8-5/8" stub from 1350'-1120'.
16. Pull tbg to 500' and spot 100 sx Class "C" cement PLUG NO. 7 across 11-3/4" shoe from 500'-300'.
17. Pull tbg to 35' and spot 20 sx Class "C" cement PLUG NO. 8 from 35'-surface.
18. Cut off casing head 36" below ground level and weld 1/2" steel plate on 11-3/4" surface casing. Install dry hole marker. Clean up location.
19. Call for final inspection and leave well P & A.

Southland State Oil Co. Inc.
Inbe Permian-Penn Field
Lea County, New Mexico

Location: 1980' ENL & 1960' FEL of
Sec. 13, T-10-S, R-33-E, Lea
County, New Mexico

