

UNION OIL COMPANY OF CALIFORNIA
DAILY DRILLING REPORT

DAYS 63 WELL NAME Walterscheid No. 1 DATE 5-15-74

DRLG. ASSEMBLY:

After 12 hrs, FL @ 7200' (0 rise). Ran HovSCO 3/4" OD coiled tbg to 10470' and blew hole dry w/ N₂. Recovered 17 bbls 2% KCL FW. Had 4" flare from 2" line 45 mins after shut-down.

Left open on 10/64" choke overnight. After 16 hrs had 2' flare. Blew hole dry and recovered approx 10 BW. (1300' rise). Now POH w/ coiled tbg. (Prep to acidize)

DRLG. ASSEMBLY:

Acidized Strawn perf 10424'-10458' w/ 3500 gals 15% HCl w/ NE & Fr stabilizer and 5 gals friction reducer per 1000 gals and 400 scf CO₂ per bbl and 35-7/8" RCN balls as follows: Pumped acid to perfs and dropped 1 ball each 100 gals acid @ 6-2.7 BPM @ 0-7200 psi. Acidized @ 2.7-2.5 BPM @ 7200-6700-7200 psi. Flushed w/ 44 bbls 2% KCL FW w/ friction reducer and 400 scf CO₂ per bbl @ 2.5-1.5 BPM @ 7200-6900-7300 psi. Saw 15 bbls seat on perfs. Had one break 7150-6700 w/ 1470 gals in formation, 7250-7050 psi w/ 2815 gals in form. (1500) 6500 psi (1) 6300 (10) 4400 (20) 4100. Load due 118 BW. Opened to pit @ 10⁵⁰ AM CDT on various choke, FTP 1400-300 psi in 10 min; GTS in 50 mins flowing 100 water and gas, 75 PSI FTP in 2 hrs on 1" choke, est 1.5 mm f/gd, 7 psi FTP in 3 hrs on 1" choke, 6' flare from 2 1/2" line, < 100 mm f/gd, dead in 4 hrs. Ran swab to 10300', no fluid in hole. PO w/ swab and recovered 1000' of well spend acid 50a.

DRLG. ASSEMBLY:

Rigged up Welox 10000 psi lubricator and tested to 5000 psi w/ Hydrotect. Rigged Strawn w/ 1-35PF using Welox 1 1/2" OD Sidewinder thg gun w/ sidekicker from 10424'-10438' (15 holes). No increased in press after perforating FL @ 9700' (no rise in 14 hrs, TP 575 psi). Flowed well to pit on 3/4" choke, FTP 575-0 psi. Died in 10 mins and had 2' flare. Swabbed 4 BW in 3 hrs, gray water w/ salt taste, FL 9700'-9800'. On 4th run, swab stopped @ 8500' while going in hole. Pull up and came free. Could not go down hole. POH w/ swab. Swab broke below knuckle joint leaving 1.875" No-go, 2 swab cups and mandrel in well (2' long). Have 3/4" OD x 1/2" long square tapered mandrel looking up above top swab cup. Ran sinker bars on sandline pushed from 8500'-10372' in PSI nipple. Ran Welox collar locator and found swab seated in PSI nipple @ 10372' (top @ 10370'). 5DOW (Prep to POH w/ tbg and pick Baker Model "DB" packer @ 10350')

14 hr SITP 475 psi