

UNION OIL COMPANY OF CALIFORNIA
DAILY DRILLING REPORT

DAYS 88 WELL NAME Walterscheid No. 1 DATE 6-14-74
OPERATIONS DRILLED FROM 11845' ETD TO FOOTAGE/HRS. HRS. TRIP HRS. OTHERS
FORMATION

DEVIATION SURVEYS

BIT NO.	SIZE	MAKE	TYPE	SER. NO.	JETS	IN	OUT	FEET	HRS.	WT	RPM	COND. T B G
(Used 400psi back. 10,000-4600psi/21,000 gal. frac in formation). Flashed w/ 70 lbs. 2 1/2 KCL Water (Used 1500 SCC/bbl. of CO₂ in frac fluid & flush) @ 6-7 BPM @ 9900 - 8700 psi. ISDP-4500, 4400/1, 4100/5, 3950/10, 3900/15. Total sand 6856lb. PUMP #1 LINER STROKE SPM GPM PRESS. PUMP #2 LINER STROKE SPM GPM PRESS. MUD to pit for 5 hrs. & died. Now unloading by holes w/ gas TSTM. WT VIS. WL FC PH CHL YP PV GELS %OIL %SOLIDS SP.G. SOLIDS LCM OIL WATER RATIO: ZB												

#372207 PU - 503
From - 24,209
Sup - 190
#24,902 #397109

DRLG. ASSEMBLY: Sent water sample to Martin Lab for analysis

Swelled to load water to pit for 2 hrs. installed tree
screen. Sand faced middle and lower monitor perf. 11,433-11,455 &
11,705-11,808 down 2 3/8" thg. in 2 stages w/ 40,000 gal.
Western MS Frac. w/ 32,000 lbs. 20/40 sd. & 350 lbs. 12/20 glass beads
& 10 - 7/8" RCN balls as follows: Stage I - Pumped 2000 gal
MS Frac @ 12 BPM @ 1500-8800 psi., pumped 2000 gal w/ 800
lbs. sand & 200 lbs. glass beads, 2000 gal w/ 1600 lbs. sd. & 150 lbs.
beads, 2000 gal w/ 2400 lbs. sand @ 12 BPM @ 8800 psi. daily w/ sd. on TOTAL
perf. pres. increased to 10,000 psi & rate decreased to 8 BPM. Pumped 2000 gal
of frac fluid @ 8 BPM @ 10,000-9300 psi, dropped 10 balls. Stage II - Pumped
2000 gal @ 8 BPM @ 9300-9100 psi. Pumped 2000 gal w/ 800 lbs. sd., pres. increased
from 9000-9300 psi w/ balls on perf. Pumped 2000 gal w/ 1600 lbs. sd., 2000 gal
w/ 2400 lbs. sd. & 2000 gal w/ 3200 lbs. sd. @ 8 BPM @ 9900-10,000 psi. Pumped remainder
2000 gal. fluid w/ 32000 lbs. sand @ 8 BPM - 8.5 BPM - 6 BPM @ 10,000-9600-9400 psi.