

Medano State Com. I

Union Oil Co. of Calif.

1-4
MI RU COBRA WELL SERVICE. NU BOP, RIH W/3-7/8" MILL, 8 3-1/8" DC'S ON 2-3/8" TBG, INCOMP.

1/10
RAN IN HOLE W/2-3/8" TBG OPEN ENDED TO 14,735'. NU WELL HD. RIG ON PU. TEMP OFF REPORT.

1/29
MI RU X-PERT WELL SERVICE. NU BOP. PU TO 14,716'. TSTD BOP TO 1000 PSI. SPOT 500 GAL 10% ACETIC ACID FRM 14,716-14,430'. PU TO 14,665'. REV OUT EXCESS ACID. DISPLACED HOLE W/6% KCL PKR FLUID. POOH W/2-3/8" TBG, INCOMP. SDON.

1/31
R&L 464 JTS & 2 SUBS (14,623') 2-3/8" 4.7# N-80 KAWASAKI 8RD EUE "AB" MODIFIED TBG @ 14,633' W/BAKER "DB" PKR @ 14,633', 1.875" F NIPPLE @ 14,600'. ALL TBG TSTD TO 8000 PSI, OK. ND BOP, NU TREE. DISPLACED TBG W/N2. LANDED TBG IN 18,000 COMPRESSION. TSTD PKR & ANNULUS TO 1000 PSI, OK. BLED N2 PRES 4250-1000 PSI. DROPPED PERF'G BAR & PERF LWR MORROW W/3-3/4" VANN GUNS 6 SPF @ 14,701-16' (80 UNITS). NO CHANGE IN TBG PRES. BLEW WELL DN. PRES 1000-0 PSI. WELL DEAD. SDON.

2-2
SITP VAC/18. ACIDIZED MIDDLE MORROW ZONE FRM 14,701-14,716' W/1500 GAL 7-1/2% HCL W/NE, FE & LST & CLAY STABILIZERS & 750 SCF N2/BBL @ 4-4.5 TOTAL BPM & 9000-8600#. ISIP 5100 (5) 4387 (10) 4189 (15) 4035. TLTR 57 BBL. FLWD ON 12/-20/64" CK FRM 3300-0# FTP/4 HRS. REC 48 BW. SWBD 9 BW/2 HRS. F-LVL 11,800-13,000' & SCATTERED. SWBD 1/2 BW LAST HR & DRY. EST 10-20 MCFD AFTER SWAB RUN. TR 57 OF 57 BLW. SWI. SDON.

2-3
SITP 4300/14. OPEN WELL TO PIT ON VARIABLE CK & BLED WELL 4300-50#/1 HR. FLWG W/50# FTP & 10-12' FLARE. REC 6 BW. SWBD 2 BW 2 HRS. F-LVL 12,000-13,000' & SCATTERED. FLWD WELL 4 HRS ON 1" CK W/50# FTP & 6-8' FLARE. SWI. SITP 450/1 HR. OPEN WELL TO PIT ON 18/64" CK. FTP 450-50#/15 MINS. FLWD WELL TO PIT ON 1" CK F/2 HRS. SWBD 1/2 BW LAST HR. F-LVL 13,000' & SCATTERED. TR 66 OF 57 BLW. SDON.

2-23
SITP 4800/260 HRS. MI RU EXPERT WELL SERVICE DD PU. LOAD 2-3/8" TBG W/46 BBL 2% KCL & WELL DEAD. ND TREE & NU BOP. REC SEAL ANCHOR & TOM, INCOMP. SDON.

2-24
FTO. RAN 3-3/4" X 3-1/4" ROTARY CUTRITE SHOE 1 JT 3-1/2" WP & 6 3-1/8" DC'S ON 2-3/8" TBG TO 14,633'. CUT OVER BAKER "DB" PERM PKR/6 HRS & CIRC CLEAN. TOM FOR NEW SHOE, INCOMP. SDON.

2/27
FINISH POOH, DID NOT REC PKR. RIH W/2-3/8" TBG OPEN ENDED TO 14,579'. SPOT 500 GAL 10% ACETIC ACID FRM 14,579-13,782'. PU TO 14,524'. REV OUT EXCESS ACID. DISPLACED HOLE W/6% KCL PKR FLUID. POOH, INCOMP. SDON.

2/28
POOH, RAN BAKER 4-1/2" MOD "DB" PKR ON WL W/3-3/8" VANN GUNS, SPA 14,504'. PICK UP BAKER SEAL ASSY. R&L 460 JTS & 2 SUBS (14,480') 2-3/8" 4.7# N-80 "AB" MODIFIED NEW TBG @ 14,504'. LANDED TBG IN 20,000# COMPRESSION. ALL TBG TSTD TO 8000 PSI, OK. ND BOP. DISPLACED TBG W/N2, LATCHED INTO PKR. NU TREE. TSTD 2-3/8" X 7-5/8" X 4-1/2" ANNULUS TO 1000 PSI, OK. SDON.

3/1
BLED N2 OFF TBG TO 1000 PSI. DROPPED FIRING BAR & PERF MIDDLE MORROW W/3-3/8" TBG CONVEY GUNS 6 SPF 14,572-79' (42 SHOTS). NO CHANGE IN TBG PRES. BLED WELL TO 0 PSI IN 1/2 HR, HAD 2-3' FLARE AFTER 1/2 HR. LEFT WELL OPEN 3 HRS. FISHED FIRING BAR & RELEASED VANN GUNS. RIH TO 14,725'. SWBD 3 BW FOR 2 HRS. F-LVL 13,000-14,000'. EST GAS RATE 20 MCFPD. SDON.

3/3
SITP 3800/37. ACIDIZE MIDDLE MORROW PERFS 14,572-79' W/700 GAL 7-1/2% HCL ACID W/750 SCF/B N2 @ 3-4 BPM @ 6900 PSI. ISIP 4900 (5) 4410 (10) 4200 (15) 4100 PSI. TLTR 56 BBLs. FLWD WELL TO TEST TANK ON 12/64" CK, FTP 4100-0 PSI IN 1 HR. SWBD 35 BLW FOR 7 HRS. F-LVL SURF-14,000' & SCATTERED. NO FLUID REC LAST 4 HRS. WELL FLWG APPROX 20 MCF/D GAS @ 0 PSI FTP. TR 35 OF 56 BLW. SDON.