

Wersell "A" #2

1-1-90 - MIRU Cobra Well Service.

1-11-90 - POOH w/rods, NU BOP. POOH w/2 7/8" tbg.

1-12-90 - Perf Tracy zone 3804-12' & Brushy Canyon 3827-3830' w/4" csg gun w/2SPF (26 holes).

1-13-90 - Acidize Tracy perfs 3804'-12' & Brushy Canyon perfs 3827-30' w/1200 gals 7 1/2% NE,FE & LST HCl w/clay stab.

1-15-90 - Frac'd Tracy & Brushy Canyon perfs 3804-3830' w/10,000 gals Mini-Max 2-B gel & 15,000# 20/30 Brady sd & 7500# 12/20 Brady sd in 5 stages.

1-19-90 - Spot 100 sxs Cl "C" on Tracy perfs 3804-12' & Brushy Canyon perfs @ 3827-30' @ 1000 psi w/80 sxs cmt in form.

1-20-90 - Drld cmt f/3804-3833', circ hole clean. Test sqzd perf 3804-30' to 1000 psi bled to 600 psi in 3 mins. POOH. RIH w/2 7/8" f/3831-3088'. PU to 2567' Sqzd perfs f/0-2200 psi w/15 sxs cmt in form.

1-22/23-90 - Drld cmt 3365'-33834'. Circ hole clean. Test. sqzd perfs 3804'3830' to 1800 psi, OK.

1-24-90 - Set RBP @ 3395'. Test to 1500 psi, OK. Spot 600 gals 7 1/2% HCl Dela. acid f/3284-2685'. POOH. Perf Dimmett w/4" csg gun 2SPF @ 3278-84' (14 shots).

1-25-90 - Acid. Dimmett perfs @ 3278-84' w/800 gals 7 1/2% HCl Delaware acid.

1-26-90 - SWF Dimmett perfs 3278-84' w/3750 gals Mini-Max II B-30 & 7500# 20/40 Brady sd & 3750# 12/20 Brady sd w/1250 gals pad.

1-29-90 - Set cmt ret @ 3233'. Cmt sqz Dimmett perfs 3278-84' w/100 sxs "C".

1-30-90 - Drld cmt to 3233' - cmt ret @ 3233' - hard cmt to 3284'.

2-1-90 - Perf Manzanita w/4" csg gun, 2SPF @ 3170-74' (9 shots).

2-2-90 - Sqz Manzanita perfs 3170-74' w/150 sxs "C" neat @ 15.4 ppg.

2-3-90 - Re-sqz Manzanita perfs 3170-74' w/100 sxs "C" neat @ 15.4 ppg.

2-5-90 - Drld cmt 3065-75'. Drld ret 3075-76'/4 hrs. Drld cmt to 3174'. Wash sd & cmt to 3230'. Test sqz on Manzanita perfs 3170-74' to 1500 psi, OK. POH. RI w/ret hd to 3237'-ret BP & re-set @ 3070'. Test to 1500 psi, OK.

2-6-90 - Perf 5 1/2" csg w/4" csg gun in Bell Canyon sd 2012-32' w/2SPF (42 holes).

2-7-90 - Frac Bell Canyon perfs 2012-32' w/6000 gals Mini-Max II B.

2-12-90 - Sqzd perfs 2012-32' w/75 sxs Cl "C" cmt w/.4% CF-1 f/b 75 sxs "C" @ 15.5 ppg.

2-13-90 - Drld hard cmt f/1915-2032'. Pres test perfs 2012-32' to 1800 psi, OK.

2-14-90 - R&L 144 jts (4507') 2 7/8" 6.5# J-55 EUE 8rd used tbg @ 4553'. ND BOP, set TAC @ 4332' - SN @ 4524'. NU well head. Ran R&P.

(Continued on C-103)