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| 8/5/76  | 154  | WOC. MI & RU. Spud 12-1/4" hole 5:30 p.m. 8/4/76. Drld to 154'. Ran 4 jts, 137.33', 8-5/8" OD 24# K-55 8rd ST&C II csg, set @ 150.33'KB, cmtd w/120 sx Class "B" w/2% CaCl, Job compl. 12:30 a.m. 8/5/76. Gd cmt to surf. Displ w/+ .6 bbl to baffle, did not bump plug. Bkr shoe, 2 centralizers. \$ 6,266                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 8/6/76  | 720  | Drld sd & sh. 1/4" @ 121' & 450'. WOC. Nip'd up & instl'd BOP. Tstd BOP & c to 800# f/30 min, held OK. Drld out 6:30 p.m. 8/5. 90 RPM B#2, Smith, DGT, in @ 154' & drlg, 566' in 12-1/2 hrs. Wtr flw @ 300'. \$ 11,031                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 8/7/76  | 1303 | TD - WOC. 1/2" @ 683', 1" @ 1000' & 1272'. TD @ 7:15 p.m. 8/6. Dresser-Atlas ran 1-ES w/GR. Ran 40 jts, 1292', 5-1/2" OD 14# J-55 ST&C 8rd SH csg, set @ 1303'KB, cmtd w/260 sx neat cmt, did not get retruns after dropping top plug. plug dn 2:55 a.m. 8/7/76. Set slips, packed off wtr flw. Rig rel 5: a.m. 8/7/76. \$ 26,546                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8/8/76  | 1303 | TD - WOC 2 days                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8/10/76 | 1303 | TD - WO compln. \$ 26,546                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 8/11/76 | 1303 | TD - WO compln.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8/12/76 | 1303 | TD - WO compln.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8/13/76 | 1303 | TD - WO compln.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 8/14/76 | 1303 | TD - WO compln 3 days, 8/14/76, 8/15 & 8/16/76 \$ 26,546                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8/17/76 | 1303 | TD - WO compln. \$ 26,546                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 8/18/76 | 1303 | TD - Prep log, perf & frac. MI Farmington Well Service \$ 26,546                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 8/19/76 | 1266 | PB - Prep CO sd. MI & RU Farmington Well Service. Ran in w/2-7/8" tbg to 1266' Circ hole w/inj plt wtr w/1% D-600. POH. Ran CBL, indicated top cmt @ 750', cmt to btm. Ran GR-collar correl log. Perf Lower Gallup 1208-20' (1-ES) w/2 jet shots/ft. Ran tbg, spotted 500 gal 15% HCl. POH. Frac dn 5-1/2" csg: 2000 gal pad w/20# Guar Gum/1000 gal plus 110 gal S-235 scale inhib; frac fluid w/20# Guar Gum & 25# silica flour (silica flour in 1st 450 bbl only) per 1000 gal: 2000 gal pad; 4000 gal w/ 1/2# 20-40 sd/gal; 6000 gal w/1# 20-40 sd/gal; 28000 gal w/2# 20-40 sd/gal; Flush w/1200 gal inj pit wtr. Brk @ 650', HTP @ min 500#, Avg 500#, AIR 20 BPM, ISD 400#, 15 min 300#, Job comp 5:15 p.m. 8/18/76. Start back flw 6 p.m. Flwd 495 BL in 2 hrs 15 min. SDCN. \$ 36,111 |
| 8/20/76 | 1266 | PB - Laying FL & conn'g elec. Ran 2-7/8" tbg, circ out sd to 1266'. Pld tbg. Ran 2-1/4" bore tbg pmp on 39 jts 2-7/8" tbg, landed 1234.78'. Ran 2-1/4" x 3' plunger on 48 - 7/8" rods. Clamped well off. Set 86" stroke Mark II pmpg unit. SDCN. \$ 38,700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8/21/76 | 1266 | PB - WO fiberglass flw line jts to cure. Fin laying & tie in flw line. Compl elec. hook-up, will start pmpg today. \$ 38,700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 8/22/76 | 1266 | PB - Started pmpg 11:30 a.m. 8/21/76. Not pmpg right. RU pld rods & plgr. Sd to pit 3 hrs. Few grains pf sd. Gd show gassy oil. Ran plgr. & rods. Started pmpg to bttty @ 5:00 p.m. This a.m. well pmpg - elec problems, heaters kicking out.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 8/23/76 | 1266 | PB - Elec problems. Balance Unit. Work on controller. Should be pmpg this p.m. \$ 38,700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 8/24/76 | 1266 | PB - Prep f/test.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8/25/76 | 1266 | PB - COMPLETED OIL WELL 8/24/76. Pmpd 283 BO & 319 BW in 24 hrs f/Lower Gallup perfs 1208-20'. 14 SFM, 2-1/4" bore pmp, 86" stroke. \$ 38,700                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |