

3-14-80	6530	TD - WO completion. Moved out rotary rig.
3-15-80	6530	TD - WO completion.
3-16-80	6530	TD - WO completion.
3-17-80	6530	TD - WO completion.
3-18-80	6530	TD - Prep to GIH w/bit & scraper. MI & RU Farmington Well Service (#6). Set pipe racks, rig tk & pmp. Unloaded & tallied tbg. SDON.
3-19-80	6530	TD - Prep to drill out cmt to 6490' PBTD. DV Tool @ 2000'. 1530-1800' Circ clean, LD Power Swivel. GIH to 6385'. Tagged cmt, LD 2 jts. SDFN.
3-20-80	6530	TD - Prep to perf, Basal Dakota. Drld cmt f/6385-6490'. Circ clean. Displ. w/2% KCl. LD power swivel. POH w/bit & scraper. RU D-A. Ran CBL var dens & GR f/6490-5500 & 2100-1600'. RD D-A. Close rams. SDON.
3-21-80	6530	TD - Prep to frac (1st stage Dakota). Tst csg to 4,000#, held OK. RU D-A, perf Dakota 6408', 09', 10', 11', 12', 13', 14', 16', 17', 18', 19', 20', 22', & 23' (14 holes - 0.39" dia). PU Bkr 4" retriev pkr & GIH to 6307'. WO Western. RU Western & acidized w/1000 gals 15% HCl w/15#/1000 XR-2, 1#/1000 clay master, 1#/1000 LT-22 surfactant, 28 ball sealers. FBD @ 2900#. Inj rate 3 BPM @ 3000#. AIR 2-1/2 BPM @ 2600#. Complete ball off @ 3800#. Total fld 57 bbls. Rel'd pkr. Ran 2 stds, knocked off ball sealer. Puld 2 stds & set pkr. RU swb, 7 runs rec'd 45 bbls. SDON.
3-22-80	6530	TD - Prep to swb perfs 6408-6423' f/add'l 1-2 hrs to definitely determine fm flds are wtr & if so, cmt sq these perfs before perf'g & acidizing lower Dakota interval. 7 am 3/21/80 0# THP. Pld 1 swb rec'g 8 BW w/tr acid gas. RD swb & TOH by 9:30 am. Called Denver & WO orders f/1-1/2 hrs. RIH w/pkr & SN on 2-3/8" tbg to 6300'. RU & swbd tbg to SN in 4-1/2 hrs. rec'g 30 BW w/no gas nor oil & catching sample on last swb run. Taste by tongue indicated no acid salts. Waited 1 hr (until 6 pm) & ran swb to fld @ 5500' (800' entry). Pld this run & 1 more before SD due to darkness. Rec'd 6 add'l bbls on approx 2-1/2 to 3 bbls/hr - all wtr. Swbd 44 bbls today f/total 89 bbls since acidizing or excess of 32 bbls above 57 bbls acid & displacement volume.
3-23-80	6530	TD - SD f/Sunday. 6 am 3/22/80 15# THP & FL @ 2300'. Swbd 2 hrs rec'g 14 BW & swbg-dn to 6000' w/fld-rising 600'/hr. TOH. Ran cmt retainer on tbg & set same @ 6367'. RU HOWCO & pmpd 75 sx C1 "B" cmt below retainer. Tstd csg to 4000# & RD HOWCO. Displ'd hole w/new 2% KCl & POH. RU Welex & perf'd 25 jet shots .32" dia 1 hole/ft @ 6189', 90', 91', 92', 95', 6217', 19', 20', 22', 64', 65', 66', 80', 82', 84', 86', 87', 88', 90', 91', 93', 95', 6303', 05', 06' by Schl CNL-FDC log meas. RD Welex, PU Bkr retriev pkr & ran 1 std tbg w/"F" npl 1 jt above pkr. Instl'd safety valve & SDON & f/Sunday.
3-24-80	6530	TD - Prep to acidize Dakota perfs 6189-6306' OA. SD f/Sunday.
3-25-80	6530	TD - Prep to frac, Dak perfs, 6306-6189'. SICP-0#. GIH w/tbg & pkr. RU Western & acidize w/1500 gals 15% HCl w/15#/1000 XR-2, 1#/1000 clay stabilize w/50 ball sealers. FBD @ 3100# inj @ 8 BPM @ 3800#. AIR 2.5# BPM @ 1700#. Slight ball action. Total fluid - 80 bbls pmpd. Ran 4 stds tbg. Knocked off balls, POH w/4 stds. Set pkr. RU & swbd. Swab dwn to "F" nipple @ 6000'. Recov'd 51 bbls. Well gassing good. 30 bbls left to recover SDFN. \$247,156
3-26-80	6530	TD - Flwg back after frac. POH w/tbg & pkr w/show of oil. RU Western. Tstd lines to 2000#. Strtd frac of Dakota, pmpd 380 bbls pad, blender brk dn. SD. WO Western. Frac'd Dakota w/2% KCl w/ 1#/1000 Aqua-Flow & 1/2#/1000 Adocide, 2120 gals diesel: 22,000 gals pad, 42 BPM, 2700#; 20,000 gals, 1# sd/gal, 42 BPM, 2650#; 20,000 gals, 2# sd/gal, 41 BPM, 2600#; 20,000 gals, 3# sd/gal, 41 BPM, 2600#; 13,000, 4# sd/gal, 38 BPM, 2600#; 11,000 gals, 4-1/2# sd/gal, 36 BPM, 2400#; 4,100 gals flush, 36 BPM, 2400#. ISIP 1400#, 5 min SIP 1300#, 10 min SIP 1250#, 15 min SIP 1200#. Total fld pmpd 3002 bbls, HHP 2485#. RD Western. WO gel to brk. PU 1 jt, "F" nple & GIH to 6150'. SDON.