

8/2/77	262	Circ w/rig pmp. WO BJ cmt trk repairs. 3/4" @ 262'. Spud 12-1/4" hole 8 p.m., 8/1/77. Ran 6 jts. 245.53', 8-5/8" OD 24# K-55 8 rd ST&C set @ 259.53' KB. RU B-J to cmt, misd 6 sx and missing auger broke. Elevation 6048' GL, 6061' KS. \$9,916
8/3/77	731	Drig sd and shale. 1/2" @ 573'. 65 RPM, 35M#. Bit #2, Smith, DT, in @ 262', 469' in 3 hrs. Cmtd 8-5/8" csg w/200 sx Class "B" w/2% CaCl. Cmt circ'd. PD 7:45 a.m., 8/2/77. WOC. Nipped up, install BOP. Test csg & BOP @ 950#, held O.K. Start drlg cmt @ 2 a.m., 8/3, new hole @ 3 a.m., 8/3/77. \$15,180
8/4/77	2370	Drig sd and shale. 3/4" @ 920' & 1235'. 1/2" @ 1500', 1827' & 2138'. 65 RPM, 30M#. Mud 8.4#, Vis 27. Bit #2, Smith, DT, in @ 262', out @ 1338', 1076' in 11-1/4 hrs. Bit #3, Smith, DT, 1338' & drlg, 1032' in 12-1/4 hrs. \$29,599
8/5/77	3132	Drig, sd & sh. 1/2" @ 2389', 1/2" @ 2700', 1/2" @ 3060'. 75 RPM, 24M#. Mud 9#, vis 35, Ph 8. B#3, Sm, DT, 1338-2384', 1046' in 12-1/2 hrs. B#4, Sm, DGTH, 2384-3062', 678' in 15 hrs. B#5, Sm, SDT, in @ 3062' & drlg, 70' in 3-1/4 hrs. \$36,955
8/6/77	3490	Drig sd & sh 1/2 @ 3368 60 RPM, 25M#. Mud: 9#, 32 vis, 24 WL, Ph 8. B#5, Smith, SDT, 3062-3368', 306' in 14-1/4 hrs. B#6, Smith, S-84F, in @ 3368' & drlg, 122' in 8-1/2 hrs. \$41,077
8/7/77	3890	Drig sd & sh 1/2 @ 3787 60 RPM, 25M#. Mud: 9.2#, 38 vis, 6 WL, Ph 8.3. B#6, Smith, S-84F, in @ 3368' & drlg, 522' in 32 hrs. \$46,062
8/8/77	4285	Drig sd & sh 60 RPM, 30 M# Mud: 9.2#, vis 38, WL 8, 2/32 FC, 1.5% sand, Ph 8. B#6, Smith, S84F, 8n @ 3363' & drlg, 917' in 54-3/4 hrs. \$50,508
8/9/77	4640	Missing mud & LCM. 1/2" @ 4319'. 60 RPM, 35M#. Mud: 9.3#, vis 43, WL 8.0, FC 2/32, Sd 1%, Ph 8.0. B#6, Sm, S84F, in @ 3368' & drlg, 1272' in 75 hrs. \$54,475
8/10/77	4720	Trip f/logs, sd & sh. 60 RPM, 35M#. Mud 8.9#, vis 50, WL 8.9, FC 2/32, Sd 1%, Ph 8.5. B#6, Sm, S84F, 3368-4689', 1321' in 80 hrs. B#7, Sm, DGTH, 4689-4720', 31' in 1-3/4 hrs. \$63,215
8/11/77	4720	Circ to cmt 2nd stage. Ran comp dens log & comp neut log, 4720-2150', dual ind focused log, 4725-268'. Ran 109 jts LT&C, 13 jts ST&C, 5-1/2" 15.5# K-55 8rd (4706') set @ 4719'KB, 23 recip scrat, 8 cent. Bkr GS, diff fill collar, HOWCO DV stage collar @ 3354.71'. Cmt 1st stage w/250 sx 50-50 Poz w/12-1/2 gilsonite/sx & 50 sx CIB. PD 4:50 am 8/11/77. Log tops: Chacra 3157', Cliff House 3883', Menefee 3979', Pt. Lookout 4516', Mancos 4672'. PD 4:50 8/11/77. \$71,415
8/12/77	4720	WOC. Cemented 2nd stage w/450 sx HOWCO Lite w/10# gilsonite/sk tail w/50 sx Class "B" neat. PD 10:05 a.m., 8/11/77. Set OCT C-21 slip w/65,500#. RR 11:30 a.m., 8/11/77. \$116,843
8/13/77	4720	TD - WO Compln 8/13,14,15 \$116,843
8/16-10/29	4720	TD - WO completion.
10/30/77	4720	TD - SD a/c Sunday. MI & RU Farmington Well Serv. \$116,843
10/31/77	4720	TD - Prep rep csg. (When HORT, bent top of 5-1/2" csg), RU, PU tbq & bit. SD a/c Sunday. \$116,843
11/01/77	4720	TD - Prep tst csg. PU 5-1/2" csg spear on 1 jt 2-7/8" tbq. Grapples too ti in csg, LD spear. Cut off 6" damaged csg. Wld 5-1/2" lift sub on csg. Pld 100M+, could not free slips. Cut off lift sub, bevel & weld csg crack f/inside. Grind weld smooth. Wld 6" pc on csg f/tbg head primary seal. Ran csg scraper on 1 j 2-7/8" tbq thru rep'd csg. RU tbq head, BOP. Ran magnet on 1 jt 2-7/8" tbq on swb line. Made 3 trips, rec'd pc of bucket used to cover csg & brkn pc (2-1/2 x 3") f/csg. SDON. \$119,573
11/02/77	4720	TD - Prep circ hole w/KCl wtr, POH & log. Hook up BJ & tst csg to 2500# f/30 min., held OK. Run 4-3/4" bit & csg scraper on 2-7/8" tbq. Drld 25' cmt & DV tool. Ran tbq on to PB depth (4684' tbq tally). SDON. \$129,043
11/03/77	4684	PB - Prep to acidize. Displ hole w/KCl wtr. POH w/bit, scraper & tbq. RU GO Intl. Ran cmt bond w/var dens, GR collar corrol logs. Trouble w/var dens camera, got working & ran log. Dev film ruined by light. Did not rerun log. VL PB - 4684'. Corrol w/Dresser log - 15'. Perf Mesaverde 4643', 4640', 4622', 4598', 4595', 4585', 4583', 4571', 4568', 4552', 4547', 4544', 4541', 4538', 4535', 4426', 4423', 4369', 4366', 3902', 3896', & 3891', 1 jet shot & Closed BOP. SDON. \$133,446
11/04/77	4684	PB - Prep CO sd w/H2 foam. Run Bkr 5-1/2" pkr on 2-7/8" tbq, spot ac over MV perfs 3891-4643', pld 26 jts, set pkr @ 3852'. Ac'd MV w/1500 gal 15% HCl w/30 ball sealers, AIR 6 BPM, MP 1900#, gd ball action. POH w/Tbg & pkr. Frac dn 5-1/2" csg w/2% KCl "slick" wtr w/2# frict reducer & 30# fld loss additive/ 1000 gal: 25,000 gal pad @ 1500#, 25,000 gal w/1/2#/gal @ 1,500#; 25,000 gal w/1#/gal @ 1500#; 25,000 gal w/1-1/2#/gal @ 1400#; 19,000 gal w/2#/gal @ 2100# 4300 gal flush; total 123,300 gal wtr & 113,000# 20-40 sd. Started sanding @ 2#/gal. AIR 46 BPM, Avg press 1600#, Max press 2100#, ISD 400#, 15 min @. Ran 146 jts 2-7/8" tbq, tag sd @ 4508', pld tbq above perfs. Closed BOP & SD \$154,097