

**PARDUE 34 COM #1**  
(Attachment to Form C-103)

**PROCEDURE:** Open additional Delaware Pay.

- 06/02/93 - FIRST REPORT: MIRUSU on 6/1/93, POH w/ rods & pump. ND wellhead & NU BOP, pull 2 3/8" tbg.
- 06/03/93 - RIH w/ gauge ring & junk basket to 6,200'. RIH w/ Guiberson 7" RBP & set @ 6,200' dump bail 6' of sand on top of plug. RIH w/ 4" HSC guns loaded 2 SPG w/ 19 gram charge & perforate Delaware Sand from 6,151-6,165' & 6,056-6,081'.
- 06/04/93 - TIH w/ pkr & tbg, set pkr @ 5,969', flange well up, pump 160 bbls of 2% fresh down csg & test pkr to 500 psi. NU Western Co., pump 36 bbls of 7-1/2% HCL acid w/ 100 ball sealers, flush w/ 30 bbls of 2% fresh, avg psi 600#, avg rate 4.8 BPM. ISIP well on vacuum, pump gelled frac on Delaware, pump 10,000 gals pad @ 8 BPM 1600 psi, ramp in 51,000# 16/30 Brady sand @ 7.8 BPM @ 2300 psi, pump 24,000# of 16/30 RCS (Resin coated sand) @ 8.0 BPM @ 2400 psi, 683 cum bbls, start flush, pump 7 bbls & press jumped to 5400 psi in 3-5 seconds & csg to 1800#. SD frac.
- 06/05/93 - RIH w/ 1-1/2" bars w/ 1-3/4" swab mandrel on sand line & tag @ 5,200'. RIH w/ 1-1/2" sinker bars w/ 5/8" pointed sucker rod on btm, tag @ 5,301'. RIH w/ free point & determine pipe is 100% free @ 5,300'. RIH w/ 2-3/8" chemical cutter & cut tbg @ 5,289'. POOH w/ tbg.
- 06/06/93 - TIH w/ 5-1/16" OS w/ 2-3/8" short catch, catch fish, pull off fish, catch fish again, but kept pulling off.
- 06/08/93 - TIH w/ 4-1/2" wash pipe. Tag fish @ 5,289', wash over fish & go to 5,842'.
- 06/09/93 - TIH w/ 4-3/4" mechanical tbg cutter. TIH to 5,842', pick-up to tbg collar & attempt to shear knives & make cut.
- 06/10/93 - TIH w/ 5-1/16" OS w/ 2-3/8" catch, 6 3-1/2" DC, ported sub, 3-3/4" oil jars, 2-7/8" work string, catch fish @ 5,413'. Fish is 124' lower (was @ 5,289') jar on fish for 2-1/2 hrs, could not move tbg, pull tbg 80,000# tension & shut well in.
- 06/11/93 - Left tbg in tension overnight, no movement. Jar on tbg 2 hrs, could not jar pipe free, release over shot from fish. POOH & lay down 2-7/8" work string, lay down 3-1/2" drill collars & fishing tools. TIH w/ 4-1/2" wash pipe. POOH & lay down wash pipe. TIH w/ 2-3/8" production tbg, begin laying down 3/4" sucker rods, SDFN.
- 06/12/93 - Finish laying down 3/4" and 7/8" sucker rods, shut well in, RDMOSU.
- 07/09/93 - MIRUSU, ND wellhead. NU BOP. POOH W/ 168 JTS 2-3/8" tbg. RIH w/ 30' MA, 3' perf sub, SN, 161 jts 2-3/8", ND BOP. NU wellhead, first swab ran, fluid level @ 1,000', swabbed fluid level to 3,800', SWIFN.