

**CATCLAW DRAW UNIT #11 - Recomplete to Delaware**  
(Attachment to Forms C-103 and 3160-5)

- 08/31/93 **FIRST REPORT.** MIRUSU on 8/30/93, ND tree, NU BOP. RU Wedge Wireline, RIH w/ 4.343" gauge ring to 4,500'. RIH & perforate, squeeze holes @ 4,455-4,453 w/ 8 SPF. RIH cmt ret & 2-7/8" N-80 tbg & set ret @ 4,401'.
- 09/01/93 Sting into cmt ret & pump 45 bbls of 2% KCL to break circ, mix & pump 250 sxs of class "C" cmt, maintained circ throughout cmt job, sting out of ret & reverse out w/ 35 bbls of 2% fresh, ND Western Co. POH w/ 141 jts of tbg, SWIFD "WOC".
- 09/02/93 RU HLS Wireline. RIH w/ CBL, correlate depth to Computa Log "Pulse Neutron Log" dated 7/30/93 tag @ 4,331', top of cmt @ 4,060', thru zone of interest 4,125-4,168'. Make 3 runs & perforate Brushy Canyon (Delaware) w/ 4" HSC guns 2 SPF, 180 deg. phasing, 23 gram charge from 4125-4168'. Swab to SN in 5 runs, no oil or gas, wait 1 hr & make run. Recover 100' of water, wait 1 hr & make run, no fluid entry.
- 09/03/93 RU Western Co., load ann & press up to 5,000#, test line to 5,500#, pump 10 bbls 7-1/2% HCL pad followed by 26 bbls of 7-1/2% HCL acid w/ 80 ball sealers. Formation broke @ 1500 psi, well treated @ 1200 psi, avg rate 4.4 BPM, flush w/ 26.5 bbls of 2% fresh, ISIP 700, 15 min 700 psi, open to tank. Well flowed for 1 hr making 20 bbls of load, began swabbing well, swabbed well to SN, well not giving up fluid, wait 1 hr between runs, 50' of fluid, recovered 52 bbls of load, 10 bbls left to recover.
- 09/04/93 RIH w/ swab & tag fluid @ 2,600', no oil & no gas, swab well down, wait 1 hr. RIH w/ swab, no fluid, recovered 67 bbls total fluid, 1 bbl left to recover, rls pkr, POH w/ tbg & pkr. RIH w/ 5-1/2" mechanical, set CIBP @ 4,028'.
- 09/08/93 RU HLS Wireline, RIH w/ cmt bailer & dump 35' of cmt on CIBP @ 4,028'. RIH w/ guns & shoot squeeze holes from 3,000 to 2,999', 4 SPF. RIH w/ Guiberson cmt ret & set @ 2,942'. RU Western Co. & pump 200 SCS PS lite "C" w/ 2% CaCl w/ cello seal, tail in w/ 190 sxs "C" neat, flush w/ 16-1/2 bbls of 2% fresh, press increased to 1200 psi w/ full returns on flush, sting out of retainer. WOC.
- 09/09/93 RU HLS Wireline, RIH w/ CBL tools & Computa Log PNP log dated 7-30-93, tag bottom @ 2,896', log from 2,886' to 1,400', top of cmt @ 1,450'. RIH w/ 4" HSC guns loaded w/ 2 SPF, 23 gram charge, 180 deg. phasing, perforate 2,422-2,442', 2,397-2,412', 2,365-2,375' & 2,340-2,350'.