

STATE "NN" #1, 12,425 TD
 Schlumberger perforated 7" liner in the Middle Penn
 @ 10,895, 897, 899, 904, 909, 911, 913, 991, 993,
 995, 11,000, 11,001 & 11,002 w/ 1 JSPF, total 13 holes,
 ran Baker 7" Model R pkr on 2-7/8" tbq set @ 10,500',
 Western Co. displaced 500 gals acid into perfs,
 TTP 1400-4050#, AIR 1.8 BPM, pkr gave way, SD for nite.

Bled off pressure, POH w/ tbq & pkr, pkr dragging,
 changed out pkrs, re-run to 10,847', SD for nite,
 prep to swab test. -70 BLO + 12 BAW

Swb 51 BLO + 12 BAW + 94 BFW in 11 hrs, 7000' FIH,
 no sh of gas, last hr swb 15 bbls S/O, 99% wtr,
 SD for nite. -19 BLO

STATE "NN" #1, 12,425 TD
 SI 13 hrs, TP 100#, bled off pressure, swb
 11 BLO + 178 BFW in 11 hrs, 4500' FIH, fr
 sh of gas, last hr swb 17 bbls. S/O, 100% wtr,
 SD for nite, Prep to set CIBP & perf Abo zone. -8 BLO

STATE "NN" #1, 12,425 TD
 SI 13 hrs, TP 750#, bled off pressure, POH
 w/ 2-7/8" tbq & pkr, Schlumberger set 7" CIBP
 in 7" liner @ 10,800', dumped 9' of cmt on BP,
 SD for weather & nite.

STATE "NN" #1, 12,425 TD
 SD for weather.

STATE "NN" #1, 12,425 TD
 Ran 2-7/8" tbq to 10,794', tag top of cmt,
 LD tbq to 10,000', reversed out 55 BW,
 LD tbq to 9000' then Western Co. spotted
 500 gals 15% NE acid, POH w/ 148 jts of tbq,
 SD for nite.

Finish POH, Schlumberger perf. 7" liner in the
 Abo @ 8864-68, 8895-8900, 8916-22' & 8944-8954'
 w/ 2 JSPF, total of 50 holes, ran 2-7/8" tbq &
 Baker Model R pkr to 8508', Western Co. displaced
 500 gals 15% NE acid into perfs, BDTP 4600#,
 TTP 4500-4100#, AIR 1.3 BPM, ISIP 4300#, re-set pkr
 @ 8780' w/ end of tbq @ 8843', swb 50 BLO 5 hrs,
 swb dry then Western Co. acidized perfs w/ 10,000
 gals 15% NE acid containing 5#/1000 FR, used 50
 RCNBS, TTP 5150-4800#, AIR 9.0 BPM, ISIP 4600#,
 5 min 4300#, job comp. 2:20 p.m. 2-25-73, bled off
 pressure, swb 55 BLO + 61 BNO + 123 BAW/14 hrs,
 2300' FIH, no gas, last hr swb 15 bbls S/O 30% AW,
 cont. to swb test.

STATE "NN" #1, 12,425 TD.
 S 52 BNO + 35 BAW/12 hrs, 400' FIH, no gas, L hr sw 4 bbls, S/O
 40% AW, SD for nite.

STATE "NN" #1, 12,425 TD.
 SI 13 hrs, TP 175, bled off press, S 29 BNO + 20 BAW/4 hrs,
 800' FIH, fr sh of gas, L hr sw 4 bbls, S/O 80% AW, rel pkr,
 P & LD 266 jts 2-7/8 EUE 8rd N-80 tbq, SD for nite. - 74 BAW.