

DST SUMMARY - O'NEILL-FEDERAL #1

OCTOBER 26, 1974

4860' trip. Sh & sd. 30' progress. Rotated 1 1/2 hrs.
50 RPM, 35,000#, 1200 psi. Bit #4, Reed FP62, 7 7/8",
drld 2625' in 84 1/4 hrs. Bit #5, HTC J55, 7 7/8".

DST #1 4770' to 4860' Delaware

15" Preflow	75-75 psi	Tool opened w/fair blow
60" ISIP	298 psi	
60" Flow	90-90 psi	Fair blow dec at end of flow period
120" FSIP	1738 psi	
IHyd	2201 psi	
FHyd	2186 psi	
BHT	99°F	

Rec.: 1000' gas in DP + 120' drlg mud.

OCTOBER 28, 1974

DST #2 5030'-5080'

15" Preflow	60-90 psi	Fair blow.
60" ISIP	2275 psi	
60" Flow	120-271 psi	Fair blow thruout - No GTS.
120" FSIP	2261 psi	
I&FHyd	2290 psi	
BHT	98°F	

Rec.: 80' SOCM + 90' M SW + 370' SW (540' total fluid).
Test wtr Cl 145,000 ppm, mud Cl 42,000 ppm.

5940' pulling out of hole w/test tool.

OCTOBER 30, 1974

DST #3 5715'-5940'

15" Preflow	169-169 psi	Good blow thruout.
60" ISIP	633 psi	
60" Flow	169-169 psi	GTS 20", max rate 43 MCFPD - dec to good blow.
120" FSIP	907 psi	
I&FHyd	2617 psi	
BHT	90°F	

Rec.: 20' S1 GCD.

NOVEMBER 18, 1974

DST #4 10,392'-10,420'

15" Preflow	2133-2138 psi	Good blow.
60" ISIP	5560 psi	
60" Flow	TSTM	Good blow - GTS in 40".
20" FSIP	5560 psi	
I&FHyd	5247 psi	

Rec.: 6820' DF - 160,000 ppm Cl. 2 splits in 2 jts DF.