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WELL: PARDUE FARMS "27" #9 (DW)	STATE: NM	TD: 6,800
PROJECT: PPDC - 93.90625%	COUNTY: EDDY	

13 gr charges) w/3-1/8" HSC guns. PU RIH w/ tbq open ended & attempted to spot acid over perf interval, POOH w/ tbq. C/N break dwn perfs. RIH w/ bailer & spot acid over btm perfs. Broke dwn perfs @ 3100 psi & established injection rate of 3 BPM. Smith Energy fraced Bone Springs perfs as follows:

1500 gal 15% NEFE Acid
4000 gals 40# Gelled wtr pre-pad
22,000 gals 40# GWX-9 pad
5500 gals 40# GWX-9 w/2.0 ppg 20-40
6500 gals 30# GWX-9 w/4.0 ppg 20-40
7500 gals 30# GWX-9 w/6.0 ppg 20-40
8500 gals 30# GWX-9 w/8.0 ppg 20-40
2200 gals 2% KCL flush to btm perf
Max press 3300 psi, avg press 2800 psi. Max rate 44 BPM, avg rate 35 BPM. 45,000 gals GWX-9 & 150,000# 20-40 sd total. ISIP 1350 psi, 15 min 1240 psi. TLTR 1390 bbls. SDFN.

11/13/91

SICP 800 psi. PU & RIH w/4-1/2" CIBP & set @ 6290'. Tst'd to 2000 psi, Ok. Perf Brushy Canyon @ 6271', 63', 48', 43', 41', 16', 12'; 6193', 85', 79', 60' & 50' (12 Holes @ 1 JSPF, .5" entry using 13 gr charges) w/3-1/8" HSC guns. RIH w/ bailer & spot acid over btm perfs. Broke dwn perfs @ 2400 psi & established injection rate of 8 BPM. Smith Energy fraced Bone Springs perfs as follows:

1500 gals 15 % NEFE acid
4000 gals 40# gelled wtr pre-pad
22,000 gals 40# GWX-9 pad
5500 gals 40# GWX-9 w/2.0 ppg 20-40
6500 gals 30# GWX-9 w/4.0 ppg 20-40
7500 gals 30# GWX-9 w/6.0 ppg 20-40
8500 gals 30# GWX-9 w/8.0 ppg 20-40
2200 gals 2% KCL flush to btm perf
Max press 3500, avg press 2500 psi. Max rate 44 BPM, avg rate 38 BPM. 45,000 gals GWX-9 & 154,940 #20-40 sd total. ISIP 900 psi, 15 min 700 psi. TLTR 1418 bbls

11/14/91

SICP 10 psi, flw'd dwn to FT. PU, RIH w/ pkr, SN & 2-3/8"