D1

FRAC PROCEDURE WELL: Pavlik 6 DATE: 6-30-92

OBJECTIVE: Frac 7868-7936 as shown below at 6-7 BPM.
Zone will be fraced with 2400 gal. 35# linear prepad, 13500 gal. 35# XL + 36000# 20/40 resin coat

FRAC SCHEDULE:

Stage	Fluid Volume (gal.)	Proppant Conc. (ppg)	Lbs. Proppant	Clean Volume (bbls.)	Dirty Volume (bbls.)	Cumul. Dirty Volume
Prepad	2400	0	0	57	57	57
Pad	4800	0	0	114	114	171
1	2400	2	4800	57	62	234
2	3300	4	13200	79	93	327
3	3000	6	18000	71	91	418
Flush	1850		0	44	44	462
	17750		36000	423	462	

ADDITIVES:

36000 lbs. 20/40 resin coated sand
447 bbls. clean 2% KCl water (incl. tank bottoms, flush)
6 lbs. Frac-Cide 20 biocide (6#/frac tank premixed)
657 lbs. J-4 low residue, high yield guar gel (35 #/1000 gal premixed)
469 lbs. Adomite Aqua FLA (25 #/1000 gal. premixed)
27 gal. B-31 amine x-link catalyst (2 gal./1000 gal. on the fly)
75 lbs. B-5 ammonium persulfate breaker (4 #/1000 gal. premixed)
28 lbs. CL-2 crosslinker (1.5 #/1000 gal. premixed)
19 gal. Clay-Master 4 (1 gal./1000 gal. premixed)
38 gal. Nine-40 nonemulsifier (2 gal./1000 gal. premixed)
52.2 gal. Acfrac activator for resin coated sand (6 gal./1000 gal. prop laden)

COMMENTS:

1. Pump job at 6-7 BPM down 2-7/8" tubing.
2. Use clean frac tank. Add bactericide to water when filling tank.
3. Have service company engineer run breaker tests to determine actual breaker loading required at 140± deg. F the night before job is to be pumped. Use water from actual frac tank and chemicals, including activator, that will actually be pumped.
4. When sand runs out, bypass blender tub and begin flush. DON'T WANT SAND CONCENTRATION DILUTED AT END OF JOB.
5. Displace frac 3 bbls. short of top perf with base gel. DO NOT OVERFLUSH FRAC.

kbcollins/frac2bb.wk1