



Decalta International
#1 Wells Calve 12-22
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COLO. OIL & GAS CONS. COMM.

Proposal for Fracturing:

The pre-pad will be 12,000 gallons 40 Q Foam.

The pad will be 15,000 gallons 40 Q Foam containing FLA*100 at 1 and 1½ ppg.

The treating fluid will be 62,000 gallons 40 Q Foam containing 20/40 mesh sand at 1, 2, 3, 4, and 5 ppg.

All treating fluid to contain clay stabilizers, surfactant, and 2% KCl (potassium chloride).

Procedure for Fracturing:

Gallons Fluid	Fluid Type	Rate BPM	Sand Added per Gallon	Total Sand per Stage	Cummulative Sand 100M	20/40
12,000	40 Q Foam	15	-0-	-0-	-0-	
10,000	40 Q Foam	20	1 ppg 100M	10,000	10,000	
5,000	40 Q Foam	20	1½ ppg 100M	7,500	17,500	
9,000	40 Q Foam	20	1 ppg 20/40	9,000		9,000
17,000	40 Q Foam	20	2 ppg 20/40	34,000		43,000
23,000	40 Q Foam	20	3 ppg 20/40	69,000		112,000
11,000	40 Q Foam	20	4 ppg 20/40	44,000		156,000
2,000	40 Q Foam	20	5 ppg 20/40	10,000		166,000

Total Fluid: 89,000 gallons

Tanks Required: 3 (20,000 gallon tanks, water temp approx. 70° F)

Sand: 17,500 lbs. FLA*100
166,000 lbs. 20/40

183,500 lbs. total sand

N₂ Required: 1.54 x 10⁶ scf