

**CHECKERBOARD 23, FED #7
1650' FSL, 1930' FWL SEC. 23, T22S, R32E
TWISTED DRAW DELEWARE
LEA COUNTY, NEW MEXICO**

1. Hold prejob safety meeting with all personnel on location. Discuss operations and expectations.
2. Gather oil sample from battery & send in to Quality Service Inc. for sludge test with acid before treating.
3. Move on Stimulation Company. Rig up trucks outside of anchor pattern. Tie two-inch line into casing valve. Be sure that two-inch casing valve to the flow line is closed.
4. Shut pumping unit down. Close two-inch valve on flow tee. Tighten stuffing box packing. Install pressure gauge in one-inch bleeder. Roll pumping unit over carefully until tubing pressures up to 300#. Shut pumping unit down with the weights in the air. Secure unit for shut in.
5. Prime & test pump and line to 1500# with 2% KCL water. Stimulate the Delaware perforations down the casing with the following: Rate 2 – 4 bbls / minute. 500# maximum pressure.
1120 gallons 7-1/2% NEFE DI acid
280 gallons Xylene
7-1/2 gallons Acid Mul II
This will give a treatment volume of 1400 gallons. (33.3 bbls) Displace acid with 60 bbls 2% water.
6. Rig acid company down. Leave casing open to atmosphere and let casing fluids equalize. (+/- one hour) Shut casing in from atmosphere and open to flowline. Open tubing up to the flow line and bleed off pressure.
7. Leave well shut down for four hours after finishing stimulation. Put well on production. Monitor gas, oil, and water rates. Report daily fluid rates to the Midland office so that results can be applied to on going projects.
8. Turn well to production.

Prepared & Recommended by: Monty V. Phillippi Date: 9-28-99
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Approved by: _____ Date: _____
Cash Smithwick

