

FEDERAL (USA) "I" WELL NO. 1
UNDESIGNATED DELAWARE
LEA COUNTY, NEW MEXICO

Continuation of Form 3160-3

3. TIH w/3-7/8" bit to casing stub @ 5500'. Enter 4-1/2" casing w/bit and clean out to +7000'. TOH. TIH w/mill and dress top of 4-1/2" stub. TOH.
4. TIH w/4-1/2" casing bowl overshot and 5500' of 4-1/2", 10.5#, J-55 casing. Land casing bowl and set. Set 4-1/2" casing in wellhead.
5. By wireline, perf 2 squeeze holes @ 6925'.
6. TIH w/cement retainer and set @ 6875'. Attempt to circulate to surface. Cement w/780 sacks 50-50 Class "H" Pozmix (2% Bentonite, 1% FLA, 1/4# Flocele/sx, 1# Gilsonite/sx., 13.6 ppg, 1.43 cu. ft./sx.). Flush w/water, sting out of retainer, reverse and TOH.
7. WOC. Run temperature survey to locate cement top.
8. Pressure test 4-1/2" casing from surface to cement retainer set at 2000'. If leaks occur, locate and squeeze w/Class "H" cement w/2% CaCl₂. WOC, drill out and pressure test. Re-squeeze if necessary.
9. TIH w/packer. Spot 40 gallons 7-1/2% acetic acid @ 6670'-6730'. Set packer @ 6550'. Swab fluid down to 2500'. Load backside of tubing.
10. Perf @ 6684, 87, 90, 92, 6705-09, and 6725-28. (2 SPF, 13 intervals, 26 holes).
11. Acidize w/3000 gallons 15% NEFE acid and 46 ball sealers. 6-8 BPM, 5000# Max. SI 1 hour. Swab well and test production. If favorable, go to 12. Otherwise set CIBP @ 6660' and cap w/35' cement. Go to 14.
12. Frac perfs @ 6684'-6728' w/20,000 gallons gelled 2% KCL water and 30,000# 20-40 mesh sand. Pump in 5 stages, 1-4 ppg, 20 BPM, 5500#. SI 2 hours. Swab/flow to test.
13. Set RBP @ +6450'.