

Well Data:

Elevation: 3881'; RKB: 16.0'; TD: 11,171'; PBD: 11,090'.
5-1/2" 15#/ft N-80 csg @ 11,170' w/500 sx C1 "H" thru shoe.
Cmt'd thru DV tool @ 9001' w/1000 sx C1 "H". TOC @ 6400' by
TS. Depth orientation markers @ 7901' and 10,003'. Cmt
baskets @ 9120' & 9400'. Perforations @ 8578'-8626'.

Procedure:

1. MIRU pulling unit. POOH w/rods & pump.
2. ND WH. NU BOP's. Release tbg anchor & POOH w/2-7/8" tbg, TA, SN, perf sub & mud anchor.
3. RIH w/5-1/2" treating pkr, SN & 2-7/8" tbg & set pkr @ 8500'. Pressure backside to 2000 psi & maintain pressure throughout job.
4. Fracture acidize the 2nd Bone Springs carbonate down 2-7/8" tbg @ 12 BPM as follows:

- A. Pump 4000 gals gelled 20% HCl acid.
 - B. Pump 6000 gals gelled wtr containing 1 PPG 100 mesh sand.
 - C. Pump 8000 gals gelled 20% HCl acid.
 - D. Pump 6000 gals gelled wtr containing 1 PPG 100 mesh sand.
 - E. Pump 8000 gals gelled 20% HCl acid.
 - F. Flush to btm perf w/2% KCl wtr.
 - G. SD 30 minutes.
- Job totals: 20,000 gals gelled acid
20,000 gals gelled water
12,000# 100 mesh sand

4. Continued-

Maximum pressure: 7000 psi

Anticipated Wellhead treating pressure: 5500 psi

5. Unseat pkr & POOH w/2-7/8" tbg, SN & pkr.
6. RIH w/completion string as follows: 31' MA, 4' perf sub, SN, 3 jts 2-7/8" tbg, 5-1/2" TA w/40,000# shear pins & 2-7/8" tbg.
7. ND BOP's. NU WH. Land tbg @ 8704', SN @ 8668' & TA @ 8571'.
8. RIH w/2-1/2" x 1-1/4" x 28' RHBC pump w/12' GA on 86 Grade D rod string.
9. Put well on production.