

Current status of wellbore: Waiting on completion rig.

Abandon Strawn Perfs

- 1) MIRU workover rig. ND WH, NU 7 1/16" 3M psi manual BOP.
- 2) Kill well w/100 bbls produced water. Release loc set pkr @ 10,512'.
- 3) TOH w/pkr & 2 3/8" 4.7# N80 EUE tbg (LD 4400' 2 3/8" tbg).
- 4) RU WL, set 5 1/2" CIBP @ 10,550', dump 20' cmt. Load hole and pressure test csg/plug/BOP to 1500 psi 15min w/2% KCL.

Perforate & Acidize Bone Springs

- 1) Perforate Bone Springs 6190-6210, 2 JSPF, 120 deg phase, premium charges.
 - a) TIH w/2 3/8" x 5 1/2" 45a model EA Retrievmatic cementer or equivalent, to 6200, pickle tbg pumping 100 gal acid + 100 gal H2O, + 100 gal acid + 100 gal H2O + 100 gal acid + 540 gal H2O. Reverse out to steel pit.
 - b) Spot 200 gal acid across perfs displace w/2% KCL, TOH to 6050'.
 - c) Reverse 3 bbl into tbg and set pkr.
- 2) Install annular pop off valve set for 1250 psi and press csg to 1000 psi and monitor.
- 3) Break down perfs and acidize w/remaining 1500 gal acid + 60 7/8" x 1.1 SG RCN ball sealers. Displace w/2% KCL, if ball out occurs, surge well then complete displacement.
- 4) Flow back to recover load and test production, Be prepared to swab if necessary.

- 5) RU & Frac as follows:

STAGE	RATE	FLUID	VOL.
Pad	12	70 Q foam	8000
1# 20/40	12	70 Q foam	1000
2# 20/40	12	70 Q foam	1000
3# 20/40	12	70 Q foam	1000
4# 20/40	12	70 Q foam	1250
5# 20/40	12	70 Q foam	2000
6# 20/40	12	70 Q foam	1500
Flush	12	70 Q foam	1076

- 6) RU Red Dog and flow back to frac tank to rec load.
- 7) Swab if necessary to test production.
- 8) If well will flow, kill well as needed, ND BOP and NU WH, turn to production.
- 9) If well does not flow and will produce, kill well as needed. TOH w/pkr.
- 10) TIH w/2 3/8" x 30' MA ,perf sub, 2 3/8" SN, 4 jts 2 3/8" 4.7# N80 8rd EUE tbg, 2 3/8" x 5 1/2" TAC, 2 3/8" 4.7# N80 EUE 8rd to surface. Land tbg w/btm of MA @ 6300'.
- 11) ND BOP. Install wellhead and pumping tee, run rods and pump.
 - a) Run 20-125-RHBC -12-4-4 pump.
 - b) 175 (4375') 3/4" grade D rods w/FSSM couplings.
 - c) 77 (1925') 7/8 grade D rods w/SHSM couplings.
- 12) Set pumping unit 228-212-86 w/12,500# counter balance hang well on and return to production.

Superior #8
Sec 1, T-20S, R29E
Eddy Co. NM

