

SHOLES "A" AC/1 NO. 5

JALMAT COMPLETION

TD: 4000' PBD: 3000' ELEVATION: 3068' KB ZERO: 5' AGL

LOCATION: 2310' FSL and 330' FEL of Section 24, T-25S, R-36E, Lea County, N.M.

CASING: 8-5/8", 24# K-55 csg @ 1010' w/545 sx. circ.
5-1/2", 15.5# K-55 csg @ 3993' w/2050 sx. circ.

MISCELLANEOUS: Block squeeze @ +2603' and 2990', took gas kick before block squeeze, flared gas - 20' flare @ 300 psi surface pressure.

Cement retainer @ +3000'.

RECOMMENDED PROCEDURE:

NOTE: All Completion Water Is To Be Filtered.

1. MIRU and install BOP.
2. GIH w/4-3/4" drill bit, 5-1/2" casing scraper and 2-3/8" tubing, clean out to +3000' top of cement retainer.
3. Close BOP rams, test casing to 2500 psi surface pressure and circulate hole clean w/9.0# brine w/1:1000 Adomall and Claymaster-3.
4. POOH w/2-3/8" tubing, casing scraper and 4-3/4" drill bit.
5. GIH w/5-1/2" RBP, setting tool, 5-1/2" treating packer and 2-3/8" tubing, set 5-1/2" RBP @ +2790', pressure test to 500 psi surface pressure w/treating packer and spot 2 sacks of sand on top.
6. Spot +84 gallons (2.0 bbls) 15% NE-FE-HCl acid, inhibited for 48 hours @ 90°F from +2734' to 2650' and POOH w/tubing, packer and setting tool.
7. Rig up perforating services, GIH w/4" decentralized select fire casing gun loaded as follows (0° phasing, 0.40 EHD, 1 JSPF), CCL and wireline.
8. Perforate from top to bottom as follows: 2658, 2664+, 2670, 2679, 2696, 2702, 2710, 2727 and 2734 w/1 JSPF (Total: 9 perforations). Casing collars @ 2540, 2587+, 2634, 2679, 2725 and 2769+.
9. POOH w/wireline, CCL and casing gun.
10. GIH w/setting tool, 5-1/2" treating packer, SN and 2-3/8" tubing.
 - A. Hydrotest tubing in hole to 6000 psi above slips.
 - B. Set packer @ +2560'.
 - C. Load backside w/9.0# brine w/1:1000 Adomall and Claymaster-3.
 - D. Pressure up on backside to 1000 psi.