

HAWK A NO. 7

BLINEBRY RECOMPLETION

WELL DATA

TD: 6880' PBD: 6870' ELEVATION: 3551' DF ZERO: 11' AGL

LOCATION: 990' FNL & 1980' FWL, Section 8, T-21S, R-37E, Lea County, New Mexico

CASING: 8-5/8", 24#, K-55 Surface Casing @ 1335' w/582 sx (circ)

5-1/2", 15.5#, & 17#, K-55 Production Casing @ 6858' w/1760 sx (circ)

PERFORATIONS: Lower Drinkard - 6769'-6828' (16 Perforations)

Upper Drinkard - 6612'-6698' (10 Perforations)

RECOMMENDED PROCEDURE

1. Rig up & if necessary, kill well with 2% KCL treated fresh water with 1 gallon Adomall per 1000 gallons.
2. POOH w/rods & pump.
3. Tag for fill with tubing. POOH w/tubing & tally tubing.
(A) If fill is above $\pm 6860'$, clean out to $\pm 6860'$.
4. GIH w/5-1/2" casing retrievable bridge plug, retrieving tool & 2-3/8" tubing.
5. Set retrievable bridge plug @ $\pm 6200'$. Pressure test retrievable bridge plug to 3000 psi & spot 5' sand on top of retrievable bridge plug.
6. Spot 168 gallons (4 bbls.) 15% HCL-NE with iron sequestering agent (inhibit acid for 24 hrs. @ 110°F) from $\pm 6039'$ to $\pm 5867'$.
7. POOH w/2-3/8" tubing & retrieving tool.
8. GIH w/4" hollow carrier perforating gun (1 JSPF, 0° phase, 0.40" hole diameter), collar locator, & wireline.
9. Perforate Lower Blinebry Zone @ 5904', 5907', 5912', 5915', 5921', 5924', 5941', 5988', 5991', 5997', 6000', 6018', 6035', 6039' (TOTAL: 14 perforations)

Collars located @ 5789', 5830', 5867', 5909', 5948+', 5988+', 6029+'
Lower Blinebry pay is to be perforated from top to bottom.
10. POOH with wireline, collar locator & 4" perforating gun.
11. GIH w/treating packer, seating nipple, & 3-1/2" frac string. Set treating packer @ $\pm 5750'$. Load backside with 2% KCL treated fresh water w/1 gallon Adomall per 1000 gallons.
12. Pump 1176 gallons (28 bbls.) 15% HCL-NE w/iron sequestering agent (inhibit acid for 24 hrs. @ 110°F) @ 7 BPM.
A) release 2 ballsealers after every 2 bbls. acid pumped. (total: 28 ballsealers)
B) maximum surface treating pressure: 4800 psi.
C) Flush w/60 bbls. 2% KCL treated fresh water with 1 gallon Adomall per 1000 gal.