

30-015-21448

<u>ARTESIA STATE UNIT #901</u> (formerly #001D)		
		Perfs:
API: 30-015-21448	Lease: K-1020	Spud: 02/10/75
A-23-18S-27E	10 FNL & 1310 FEL	P&A: n/a
Eddy Co., NM	Pool: 3230 - ARTESIA;Queen-Grayburg-SA	

12/29/14

No SICP. PU 4-1/2"x10.5#x2-3/8" Baker type AD-1 tension pkr to 1932'. MIRU Pacesetters & pump 10 BW & 200 gals 15% acid to chemical-wash 2-3/8" WS due to rust & corrosion. Spot 3 bbls 15% NeFe HCl w/acid booster, anti-sludge, paraffin solvent, scale inhibitor & demulsifiers. PUH to 1612', set pkr & acidize Loco Hills Upper Grayburg & Metex 1706-1908' w/10,000 gals 15% NeFe HCl acid w/additives in stages using 400 lbs rock salt in 3 diverter stages.

Max Pressure: 2309 PSI Average Pressure: 2200 PSI Rate: 5.6 BPM

ISIP: 1325 PSI

5 mins: 1172 PSI

10 mins: 1056 PSI

15 mins: 1032 PSI

309 BLTR

Pressure increases:

Stage 1: 200 PSI

Stage 2: 250 PSI

Stage 3: 150 PSI

SWI. SD for acid to spend

12/30/14

Open well to vac truck w/500 psi SITP. Flow back for 3 hrs & recover 65 bbl acid wtr & trace of oil. Well died. Release pkr. Could not move pkr up. Worked trying to PUH w/pkr without success. Tried to shear pkr pulling 35,000-45,000 lbs over string weight, no success. RIH w/Baker AD-1 pkr to 1985'. Rotate to break safety on pkr. Left pkr @ PBSD. POOH w/tbg. Wait on proper running tool. RIH w/4-1/2"x10.5#x2-3/8" Weatherford RBP to 1532'. Set RBP. Unlatch from, & POOH w/setting tool. PU & RIH w/4-1/2"x10.5#x2-3/8" Baker, Type AD-1 pkr to 1520'. Test RBP to 1000 psi, ok. Unset pkr & PUH to 1485'. Spot 3 bbl 15% NeFe HCl acid w/additives. PUP to 1285'. Reverse out tbg & set pkr. Acidize Penrose perms 1454-1471' w/2500 gals NeFe HCl acid plus additives down 2-3/8" tbg @ 5.6 BPM.

Max Pressure: 1897 PSI Average Pressure: 1740 PSI

ISIP: 1239 PSI

5 mins: 1073 PSI

10 mins: 990 PSI

15 mins: 999 PSI

SWI for acid to spend. RD Pacesetters. SDFN.

01/02/15.

Tried to flow back acid treatment. Valve & 6.00' of tubing frozen solid. Shut down to let valve thaw out.

01/05/15

Tried to flow back acid treatment, valve & 6.00' of tubing frozen solid. Shut down to let valve thaw out.

01/06/15

SITP 65 PSI. Open well & flowed back. Recover acid water & gas. Release pkr & POOH. PU & RIH w/retrieving head. Latched & released RBP. Well started unloading acid water & gas. Flowed back to vac truck. Recovered approx 15 bbls acid wtr, gas & trace of oil. Finished POOH w/RBP. RIH w/notched collar to 1980'. Circ well clean w/75 BFW (acid wtr, trace of oil & gas). POOH laying dwn 2-3/8" WS. SWI. SDFN.

Note: Plan to test tbg in the hole tomorrow & HWO.