

Submit 1 Copy To Appropriate District Office
 District I - (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II - (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III - (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised August 1, 2011

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

| |
|---|
| WELL API NO. 30-015-00895 |
| 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. B-7690 |
| 7. Lease Name or Unit Agreement Name ARTESIA STATE UNIT |
| 8. Well Number 301 |
| 9. OGRID Number 274841 |
| 10. Pool name or Wildcat Artesia; Queen-Grayburg-San Andres |

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well Gas Well Other

2. Name of Operator
Alamo Permian Resources. LLC

3. Address of Operator
415 W. Wall Street, Suite 500, Midland, TX 79701

4. Well Location
 Unit Letter H : 1650 feet from the N line and 330 feet from the E line
 Section 14 Township 18S Range 27E NMPM County EDDY.

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| | | | |
|--|---|--|--|
| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> | REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | MULTIPLE COMPL <input type="checkbox"/> | CASING/CEMENT JOB <input type="checkbox"/> | |
| DOWNHOLE COMMINGLE <input type="checkbox"/> | | | |
| OTHER: <input type="checkbox"/> | | OTHER: CLEAN OUT, ADD PERFS, ACIDIZE <input checked="" type="checkbox"/> | |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

SEE ATTACHED

NM OIL CONSERVATION
 ARTESIA DISTRICT
 APR 06 2015

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

RECEIVED

SIGNATURE Carie Stoker TITLE Regulatory Affairs Coordinator DATE 04/01/2015

Type or print name CARIE STOKER E-mail address: carie@stokeroilfield.com PHONE: 432-664-7659

APPROVED BY: [Signature] TITLE Dist. Supervisor DATE 4/28/15
 Conditions of Approval (if any):

| ARTESIA STATE UNIT #301 (formerly #001B) | | |
|---|--------------------------------|-------------------------|
| | | Open Hole: 1725 – 1888' |
| API: 30-015-00895 | Lease: B-7690 | Spud: 02/27/45 |
| H-14-18S-27E | 1650 FNL & 330 FEL | P&A: n/a |
| Eddy Co., NM | Pool: 3230 - ARTESIA; QU-GB-SA | |

OBJECTIVE: Clean out, add perfs, acidize

03/06/15

RIH w/rods. POOH, laying down rods in singles. NU BOP. LD prod tbg. RD Aztec. Dig around WH to approx 15'. Could not find good casing. SDFWE.

03/09/15 SD pending engineering evaluation.

03/10/15

Widened hole around casing w/picks & bars. Cut off casing & dressed off stub. SDFN.

03/11/15

Finish dressing off 7" casing stub. Cut & weld slip collar & 7" casing to surface. Place 9' of 10" casing over 7" casing. Stabilized 10" casing. Mixed & filled 10" casing w/10 sacks cement & poured the rest around the bottom of the 10". SDFN.

Note: Still had several holes below new casing. Wrapped all casing with 4" tape to prevent corrosion.

03/12/15

Haul 2-3/8" WS to location. Back-haul 2-7/8" WS to yard. MI pipe racks. Off-load 4-1/2" casing. SDFWE for cement to cure.

03/16/15

Back-fill around well. NU 7" WH. Set matting board & RU PU Tally 2-3/8" WS. PU bailer on 2-3/8" WS. RIH to 1885' (last 25' mushy). Tagged @ 1885' & cleaned out to 1888'. Quit making hole. POOH w/bailer & recovered paraffin, scale, iron sulfide, sand & salt. SWI. SDFN.

03/17/15

RIH w/bailer to 1888'. Stroked bailer several times & POOH. Recovered 1 gal BS. No fill. MIRU wireline to run GR/CNL/CCL logs showing porosity based on sandstone, limestone & dolomite matrices. Tagged up @ 1830' (WLD) & logged up to 300' from surface. Sent logs in for review. RIH w/5.8" gauge ring to 1715'. POOH w/gauge ring. RIH w/7" wireline-set CIBP to 1715'. Set plug & POOH. RD WL. SWI. SDFN.

03/18/15

MIRU Casing Crew. PU & RIH w/43 jts 4-1/2" N80 11.6# csg to 1712'. Make up guide shoe & float collar w/thread lock. Centralizers on shoe jt & 4 joints above shoe jt. Centralized 4 jts across Penrose formation. Centralizers & cement baskets top 6 jts. Tagged CIBP @ 1720' (casing depth). PU 8' & land 4-1/2" csg @ 1712'. ND BOP. Set slips & packed off 4-1/2" WH. Tied onto 4-1/2" csg & broke circ w/46 BFW. FW broaching out around WH. SD pumping. LD 2-3/8" WS out of the derrick, RD Aztec #523, and move off well. Dug out around well. RU Pacesetters & install cement head. Break circ w/10 BFW. Mix & pump 200 sx Class "C" cement w/1% CaCl₂ (48 bbls slurry). Circ 15 sx to surface. Total slurry 48 bbls. Bumped plug. Pressured to 1450 psi. Bled off pressure & checked floats, ok. RD Pacesetters. Fenced around well. SD for cement to cure.

03/23/15

Back-fill around well. Set matting board & RU Aztec #523. NU WH, NU BOP. Change ram size in BOP to 2-3/8" tbg. PU 3-7/8" bit, (6) 3-1/8" DCs. PU tbg off the ground in doubles. Tag wiper plug 1675'. Drill wiper plug, float collar & 38' of hard cement to 1710'. PU off bottom & circ well clean. SWI. SDFN.

03/24/15

No SI well pressure. Break circ & tag float shoe @ 1712'. Drill thru float shoe & 8' hard cement. Tag & drill thru CIBP. Wash & circ to 1888' (rotating thru open hole knocked BS off below bit). Tag @ 1820' & wash paraffin, scale, sand, salt & iron sulfide to TD. Circ 90 BFW to clean wellbore. POOH, LD bit & collars. RD reverse unit. RIH w/bit & scraper to 1680'. POOH w/scraper. SWI. SDFN.

03/25/15

MIRU wireline to perf Penrose 1400-1420', 2 SPF, 40 holes, 19-grain charges using 3-1/8" slick guns hollow carrier.

All shots fired. No change after perforating. RD WL.

PU 4-1/2"x11.6#x2-3/8" Baker AD-1 tension pkr & RIH. Set pkr @ 1638'. MIRU Pacesetters Acid pumping equip to acidize open hole 1725-1888' with 8600 gals 15% NeFe HCl acid w/scale inhibitor, paraffin solvent, acid booster, anti-sludge & demulsifiers down 2-3/8" tbg @ 5.6 BPM in 4 acid stages & 3 rock salt diverter stages.

Maximum Pressure: 2022 PSI Average Pressure: 1725 PSI

Maximum Rate: 6.4 BPM Average Rate: 4.5 BPM

ISIP: 1393 PSI

5 mins: 1335 PSI

10 mins: 1320 PSI

15 mins: 1311 PSI

Diverter Stages Pressure Increases:

1st Stage: 100 PSI

2nd Stage: 150 PSI

3rd Stage: 320 PSI

Flushed to 1888'. SWI. SDFN for acid to spend.

03/26/15

ONSITP = 700 psi. Bled off pressure. No fluid recovery, all acid gas. Release pkr & circ well clean. POOH w/pkr. PU & RIH w/Weatherford 4-1/2"x11.6#x2-3/8" RBP. Set RBP @ 1460'. POOH. PU & RIH w/Baker AD-1 tension pkr to 1450'. Set pkr & test RBP to 2500 psi, ok. Bled off pressure. Release pkr & spot 2 bbls 15% NeFe HCl acid w/acid booster, anti-sludge, scale inhibitor, paraffin solvent & demulsifiers. PUH to 1325', reverse 2 BFW & set pkr. Test lines to 4500 psi & RU Pacesetters to acidize Penrose perfs 1400-1420' w/2000 gals special acid dwn 2-3/8" tbg @ 5-6 BPM & flush to bottom perf. Perfs broke @ 2000 psi.

Maximum Pressure: 2100 PSI Average Pressure: 1600 PSI

Rate: 6 BPM

ISIP: 1020 PSI

5 mins: 1015 PSI

10 mins: 1009 PSI

15 mins: 1002 PSI

SWI. RD Pacesetters. SDFN for acid to spend.

03/27/15

ONSITP = 900 psi. Open well for flowback. Recovered 35 bbls acid water & fines. Release pkr, circ acid gas out of tbg. POOH w/pkr. PU retrieving tool. RIH, latched & release RBP. POOH w/RBP. RIH w/notched collar on 2-3/8" WS. Tag bridge @ 1750'. Circ & wash thru bridge. Fell out @ 1790'. Continue RIH to 1888'. Circ well clean w/200 BFW. Recover salt, fines, paraffin, scale & sand. Last 60 bbls clean. RD kill truck. POOH laying dwn WS. SWI. SDFWE.

03/28-29/15 SDFWE.

03/30/15

MIRU Tubing Testers. Trouble with pump on test truck. Wait on repairs. PU 2-3/8" production tbg, BHA, testing to 5000 psi below slips. RD testers. Set TAC. ND BOP. NU WH. PU pump & rods (changed out bad polish rod & liner). HWO. Test pump to 500 psi, ok. RDMO.

| | Description | Length | Depth |
|--------|---|----------|----------|
| Tubing | KB | 6.00' | 6.00' |
| | 42 jts 2 3/8" J55 EUE 8rd Tubing | 1334.37' | 1340.37' |
| | 1 4 1/2"x2 3/8" Baker TAC w/12K Tension | 2.90' | 1343.27' |
| | 12 jts 2 3/8" J55 EUE 8rd Tubing | 384.40' | 1727.67' |
| | 1 2 3/8" Endurance Joint | 32.22' | 1759.89' |
| | 1 2 3/8" Seating Nipple | 1.10' | 1760.99' |
| | 1 2 3/8" Slotted Sub | 4.00' | 1764.99' |
| | 2 jts 2 3/8" J55 EUE 8rd Mud Anchor | 62.96' | 1827.95' |
| | 1 2 3/8" Bull Plug | .40' | 1828.35' |
| Rods | 1 1 1/4"x16.00' Polish Rod w/1 1/2" Liner | 12.00' | |
| | 21 3/4" Rods | 525.00' | |
| | 48 5/8" Rods | 1200.00' | |
| | 1 3/4" Lift Sub | 1.00' | |
| | 1 20-150-RWBC 10-3-0 Pump | 10.00' | |