

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. 30-015-21487
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Injection Well <input checked="" type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator <b>Alamo Permian Resources, LLC</b>		6. State Oil & Gas Lease No. B-11083
3. Address of Operator <b>415 W. Wall Street, Suite 500, Midland, TX 79701</b>		7. Lease Name or Unit Agreement Name ARTESIA STATE UNIT
4. Well Location Unit Letter B : 10 feet from the N line and 2580 feet from the E line Section 23 Township 18S Range 27E NMPM County EDDY		8. Well Number 701
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number <b>274841</b>
		10. Pool name or Wildcat Artesia; Queen-Grayburg-San Andres

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: CLEAN OUT, ADD PERFS, ACIDIZE  
☒

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

OCT 17 2014

RECEIVED

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

SIGNATURE Carie Stoker TITLE Regulatory Affairs Coordinator DATE 10/15/2014

Type or print name CARIE STOKER E-mail address: carie@stokeroilfield.com PHONE: 432.664.7659

APPROVED BY: [Signature] TITLE [Signature] DATE 10/24/14  
Conditions of Approval (if any):

<b>ARTESIA STATE UNIT #701</b> WIW (formerly #001E)		
		Perfs: 1633 – 1813' OA
API: 30-015-21487	Lease: B-11083	Spud: 03/06/75
B-23-18S-27E	10 FNL & 2580 FEL	P&A: n/a
Eddy Co., NM	Pool: 3230 - ARTESIA; Queen-Grayburg-SA	

**OBJECTIVE:** Clean out, add perfs, acidize.

10/03/14

Prep location for rig up. HSM w/crew re overhead loads & fall protection.

MIRU Aztec Rig #573. Bled off pressure. ND WH, NU BOP. Work & release Watson J-Lock tension pkr. POOH with:

17	jts 2 3/8" J55 EUE 10rd Tubing	520.21'	Pitted and scale – Junk
34	jts 2 3/8" J55 EUE 8rd Tubing	1041.08'	Pitted and Scale - Fair
1	4-1/2"x10.50#x2-3/8" Watson J-Lock Packer	3.85'	Junk

PU 3-7/8" bit, (6) 3-1/8" DCs on 2-3/8" L-80 WS to 1500'. SWI. SDFWE.

Note: All indications show we POOH with all injection HBA. Plan to clean out to PBTD Monday & test casing.

10/06/14

Finish RIH w/bit & collars. Tag fill @ 1710'. RU reverse unit, swivel. NU stripperhead & break circ. Wash & rotate down to 1960'. Circ well clean for 1 hr. POOH w/bit & collars. PU & RIH w/4-1/2"x10.50#x2-3/8" Baker AD-1 tension pkr to 1350'. Load & test csg to 500 psi for 15 mins. No leak-off. POOH w/pkr. MIRU Warrior Wireline. Run GRN/CCL logs from 1951' up to 290'. Showing porosity on sandstone, limestone & dolomite. SWI. SDFN.

10/07/14

RIH w/4-1/2"x2-3/8" drill through csg scraper to 1960'. Circ well clean w/100 BFW. POOH, LD bit, scraper & collars. SWI. SDFN. Well ready to perforate.

10/08/14

MIRU Warrior Wireline to perf Loco Hills SS, Upper GB, Metex & Penrose, 2 SPF, 9 intervals, using 3-1/8" hollow carrier slick perforating guns with 19-grain charges as follows:

1370-88'	1780-85'
1630-52'	1797-1800'
1706-11'	1805-14'
1738-56'	1825-28'
1763-68'	

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

PU 4-1/2"x10.50#x2-3/8" Arrowset 32-A tension pkr to 1836'. Broke circ & spot 3 bbls 15% NeFe acid. PUH to 1567'. Reverse out 3 bbls & set pkr. Acidized Loco Hills SS, Upper Grayburg & Metex zones w/10,500 gals 15% NeFe acid w/acid booster, anti-sludge, paraffin solvent, scale inhibitor & demulsifiers down 2-3/8" L-80 WS in 4 acid stages & (3) 400# block stages.

Maximum Pressure: 2100 PSI

Average Pressure: 1750 PSI

Maximum Rate: 6.2 BPM

Average Rate: 6 BPM

Artesia State #701 WIW...continued..

ISIP: 1222 psi

5 mins: 1035 PSI

10 mins: 935 PSI

15 mins: 909 PSI.

Stage 1 400# Block increase 400 PSI

Stage 2 400# Block increase 40 PSI

Stage 3 400# Block increase 140 PSI

SWI. SDFN for acid to spend.

<b>ARTESIA STATE UNIT #701</b> WIW (formerly #001E)		
		Perfs: 1633 – 1813' OA
API: 30-015-21487	Lease: B-11083	Spud: 03/06/75
B-23-18S-27E	10 FNL & 2580 FEL	P&A: n/a
Eddy Co., NM	Pool: 3230 - ARTESIA; Queen-Grayburg-SA	

10/09/14

Open well up w/500 psi pressure. Flowback 65 bbls acid water & fines. Well dead in 2 hours. Release pkr & POOH. PU & RIH w/4-1/2"x10.50#x2-3/8" Arrowset RBP to 1460'. Set & release from RBP. POOH w/retrieving head. PU & RIH w/4-1/2"x10.50#x2-3/8" Arrowset 32-A tension pkr w/unloader to 1440'. Set pkr & test RBP to 2000 psi, ok. Release pkr, broke circ & spot 2 bbls 15% HCl NeFe acid w/additives across Penrose formation. PUH to 1320'. Reverse 2 bbls & set pkr w/20,000# tension. Broke perfs w/1420 psi. Acidized perfs 1370-88' w/2600 gals 15% NeFe HCl acid w/special additives dwn 2-3/8" L-80 WS.

Maximum Pressure: 1984 PSI      Average Pressure 1700 PSI      Rate: 6.2 BPM

Flush to bottom perfs.

ISIP: 1250 PSI

5 mins: 1204 PSI

10 mins: 1170 PSI

15 mins: 1060 PSI.

10/10/14

Open well to vac truck w/1000 psi. Flow back 35 bbls acid wtr & fines. Well dead in 2 hours. Release pkr & POOH. PU & RIH w/retrieving tool. Latch RBP, equalize & release. POOH w/RBP. PU 2-3/8" muleshoe & RIH to 1950'. Circ 100 BFW & POOH laying dwn 2-3/8" WS. RIH w/2-3/8" EUE 8rd IPC tbg w/bull plug. Test tbg to 2500 psi. POOH w/tbg. RIH w/junk 2-3/8" EUE 10rd tbg & POOH laying them down. SWI. SDFWE.

10/13/14

Open well up. Had 0# PSI. PU, RIH w/4-1/2 AD-1 pkr 9.5/16.6# & 34 jts 2.375 IPC tbg & 8 new jts 2.375 IPC tbg J-55 4.60#. RU pump truck, pumped 50 bbls pkr fluid & ND BOP. Set pkr @ 1306.90 w/42 jts 2.375 J-55 IPC tbg. Landed tbg w/18,000# tension & RU pump truck on csg. Ran MIT for 30 mins, held good. RD pump truck. Secure well & RD Aztec Rig #573. Cleaned up WH & location. Moved out rig.

Note: Released all equipment. Will move 17 used jts 2.375 IPC tbg 10rd to Alamo yard & 2 jts 2.375 IPC new; transferred 19 jts total.



10-15-14  
ALAMO DORMAIN  
CHART NO. MC MP-5000-IHR  
METER \_\_\_\_\_  
CHART PUT ON \_\_\_\_\_ M TAKEN OFF \_\_\_\_\_ M  
LOCATION #701 STATE  
REMARKS Casing Test  
Jorge Gonzalez