

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. 30-015-21485
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-6583
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 O : 1310 feet from the S line and 1435 feet from the E line Section 14 Township 18S Range 27E NMPM County EDDY		8. Well Number 102
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 274841
		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:		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

CONDITIONS OF APPROVAL STILL STAND.

NM OIL CONSERVATION  
ARTESIA DISTRICT  
NOV 04 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 10/30/2014

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

APPROVED BY: Richard Inas TITLE COMPLIANCE OFFICER DATE 11/18/14  
Conditions of Approval (if any):

<b>ARTESIA STATE UNIT #102 WIW</b> <i>(formerly: Artesia State Unit #2C)</i>		
		Perfs: 1655 – 1835' OA
API: 30-015-21445	Lease: B-6583	Spud: 03/15/75
O-14-18S-27E	1310 FSL & 1435 FEL	P&A: n/a
Eddy Co., NM	Pool: 3230 - ARTESIA; QU-GB-SA	

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

10/15/14

Move rig from Federal S #6 to Artesia St Unit #102 WIW.

MIRU PU. Set up reverse unit & set up pipe racks. Off-load WS onto racks. OWU, had 100#. Bled off into vac truck. ND WH, release pkr. NU BOP. TOH w/49 jts IPC 2.375 tbg J-55 4.60# & 4-1/2 SL tension pkr, laid down. Also had 3 jts 3-1/2 line pipe above pkr w/cup-type pkrs on each end of 3-1/2 jts. Stripped jts over 2.375 tbg & LD. SWI. SDFN.

10/16/14

OWU. PU, RIH w/3-7/8" mill-tooth bit, (6) 3-1/8" DCs, & 48 jts 2.375 J-55 tbg. Tag @ 1730'. RU power swivel, drill thru fill from 1730' down to PBTB @ 1993'. Had good returns. Saw frac sand, iron sulfite & salt. Never saw any sign of metal. Circ hole clean. LD power swivel. POH w/56 jts tbg. LD (6) 3-1/2" DCs & bit. SWI. SDFN.

10/17/14

OWU. PU, RIH w/3-7/8" bit, scraper, & 62 jts 2.375 J-55 tbg. RU reverse unit on csg. Circ hole clean. Pump 85 BFW BHA @ 1992' & POH w/62 jts tbg. LD scraper. PU & RIH w/4-1/2" AD-1 & 41 jts tbg, set pkr @ 1350'. Test csg from 1350' to surface, 500#, held good 30 mins & release pkr. POH w/tbg, LD pkr. RU Warrior WL. PU, RIH w/logging tool. Log from 1986' to surface, running Compensated Neutron Log. LD tools. RD Warrior WL. SWI. SDFN.

10/18-19/14 SDFWE.

10/20/14

OWU. Moved WS to opposite side in derrick. RIH w/46 jts 2.375 IPC J-55 tbg. RU pump trk, test tbg to 2000#, held good, RD pump truck. POH w/46 jts tbg. Wait on Warrior WL trk to arrive for 2 hrs. RU Warrior WL, made 7 runs w/3-1/8 perf guns, 19-gram charges. Perf new perfs 1394-1867', 158 new holes.

1394-1404	20 HOLES	1766-1776	20 HOLES
1654-1660	12 HOLES	1784-1792	16 HOLES
1664-1670	12 HOLES	1800-1806	12 HOLES
1726-1731	10 HOLES	1828-1836	16 HOLES
1736-1738	4 HOLES	1842-1849	14 HOLES
1758-1764	12 HOLES	1862-1867	10 HOLES

RD WL. SWI. SDFN.

10/21/14

OWU. PU, RIH with 4-1/2 AD-1 tension pkr & 58 jts. RU Pacesetters, spot 3 bbls acid across perfs 1654-1867', spotted @ 1867'. POH w/8 jts 2.375 J-55 tbg. Reversed 2 bbls, set pkr @ 1601' with 18,000# tension. RU Pacesetters, acidize perfs 1654-1867' in 4 stages. Pumped total 10,250 gals 15% NeFe HCl acid, pumped in 4 stages w/1200# rock salt, 3 – 400# block stages.

Maximum Rate: 6.5 BPM Minimum Rate: 2 BPM

Maximum Pressure: 2180 PSI Minimum Pressure: 129 PSI Average Pressure: 1850 PSI

Had increase on all salt block stages.

1<sup>st</sup> Block Stage: 250# increase

2<sup>nd</sup> Block Stage: 200# increase

3<sup>rd</sup> Block Stage: 200# increase

Flushed acid w/10 BFW, recorded pressures.

ISIP: 1406 PSI

5 mins 1293 PSI

10 mins 1253 PSI

15 mins 1156 PSI

SWI. RD Pacesetter. Left well shut in overnight & SDFD.

<b>ARTESIA STATE UNIT #102 WIW</b> <i>(formerly: Artesia State Unit #2C)</i>		
		Perfs: 1655 – 1835' OA
API: 30-015-21445	Lease: B-6583	Spud: 03/15/75
O-14-18S-27E	1310 FSL & 1435 FEL	P&A: n/a
Eddy Co., NM	Pool: 3230 - ARTESIA; QU-GB-SA	

10/22/14

OWU, SITP 800#. Flowed well back into vac truck flowing 70 bbls & rel pkr @ 1601. POH w/50 jts, LD pkr. PU, RIH with 4-1/2 Kline RBP & 45 jts. Set RBP @ 1456. POH w/45 jts. LD ret tool. PU, RIH with 4-1/2 AD-1 pkr & 45 jts. Set pkr @ 1452. Test RBP to 1000#, held good. Rel pkr. Spotted 2 bbls acid across Penrose perfs 1394-1404 & POH w/3 jts. Reversed 2 bbls, set pkr with 42 jts. RU Pacesetter, acidize 1500 gals NeFe 15% acid. Tested lines to 4000#. Start acid job, breakdown on wtr @ 2752, pumped acid.

Maximum Rate: 6 BPM

Average Rate: 6 BPM

Maximum Pressure: 2750 PSI

Average Pressure: 1789 PSI

Flushed job to bottom perf.

ISIP: 1021 PSI

5 mins: 1172#

10 mins: 1122#

15 mins: 1002#

SWI. RD Pacesetter & secured well. SDFD.

Note: AM will flow well back until dead.

10/23/14

OWU, SITP 650#. Flow well back, flowed 20 bbls into vac truck. Rel pkr @ 1350. POH w/42 jts, LD pkr. PU, RIH w/retrieving tool & 45 jts 2.375 tbg. Latched RBP @ 1456. Rel RBP, POH w/45 jts tbg & LD RBP. PU, RIH w/2-3/8 notched collar & 62 jts tbg, tagged @ 1993. RU pump truck, displaced hole w/100 BFW, RD pump truck. POH w/62 jts 2.375 tbg laying down WS. PU, RIH with 4-1/2 AD-1 tension pkr & 43 jts 2.375 IPC tbg. Left pkr swinging @ 1347. SWI. SDFN.

10/24/14

Drove crew to location, held 5 min safety mtg.

OWU, SITP 50 PSI. Bled off & RU pump truck on casing. Circ 60 bbls pkr fluid & ND BOP. Set pkr @ 1347 with 43 jts 2.375 IPC J-55 tbg 4.60#. Landed tbg with 18,000# tension & NU WH. Replaced tbg valve & RU pump truck on casing. Ran MIT test 500# recorded chart for 30 mins, held good. Bled pressure off & RD pump truck. SWI. RDMO Aztec Rig #573. Cleaned up WH & location. SDFWE. Final report, DCR well is ready for injection.