

Submit 1 Copy To Appropriate District Office

Office

NM OIL CONSERVATION State of New Mexico

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

Energy, Minerals and Natural Resources

MAR 9 2015

RECEIVED

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-103

Revised August 1, 2011

WELL API NO. 30-015-02649
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-7179
7. Lease Name or Unit Agreement Name WEST ARTESIA GRAYBURG UNIT
8. Well Number 012
9. OGRID Number 274841
10. Pool name or Wildcat Artesia; Queen-Grayburg-San Andres
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 ☐ Injection Well ☒

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 L : 1650 feet from the S line and 990 feet from the W line
Section 8 Township 18S Range 28E NMPM County EDDY

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

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 03/06/2015

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

APPROVED BY: JDade TITLE Dist # Supervisor DATE 3/13/15
 Conditions of Approval (if any):

<u>WEST ARTESIA GRAYBURG UNIT #012 WIW</u>		
		Perfs: 2114 - 2253' OA
API: 30-015-02649	Lease: E-7179	Spud: 9/07/57
L-8-18S-28E	1650 FSL & 990 FWL	P&A: n/a
Eddy Co., NM	Pool: 3230- ARTESIA; Q-G-SA	

OBJECTIVE: Clean out, add perfs, acidize

02/16/15

MIRU Rig. MI, set pipe racks & off-load 2-3/8" L-80 WS. MIRU catch truck. ND WH (top cap on wellhead was rusted & tight, trouble getting cap off). NU BOP. Worked & released Baker AD-1 tension pkr. POOH w/pkr & tbq.

59 jts 2-3/8" J-55 IPC EUE 8rd tubing; top joint pitted.

Lower 58' jts fair condition.

Packer in fair condition.

PU 3-3/4" used bit, 5-1/2" csg scraper on 2-3/8" WS & tally in the hole. Tag fill @ 1992.28'.

280.72' of fill. PUH above perfs. Closed BOP. Well venting to battery. SDFN.

02/17/15

MIRU L&E kill truck & vac truck. RIH, NU stripperhead & RU swivel. Break circ. Cleaned out from 1992' down to 2273' with fresh water. Bridge @ 1992' and 2107'. Circ sand, paraffin, iron sulfide, salt & heavy scale. Circ well clean w/90 BFW. RD kill truck & swivel. ND stripperhead. POOH w/bit & scraper. Closed BOP. Well venting to battery. SDFN.

02/18/15

MIRU Wireline Co. to run GRN/CCL logs from 2272' up to surface. E-mailed logs to Houston. RD wireline. Closed BOP. Well venting to battery.

02/19/15 SD, WO wireline to load perf guns.

02/20/15

MIRU Wireline Co. to perf 1968 - 2263' using 3-1/8" hollow carrier slick perf guns w/19-grain charges, 2 SPF as follows:

1968'-82'	2162'-66'
2039'-42'	2173'-80'
2072'-74'	2186'-92'
2078'-88'	2196'-2214'
2096'-98'	2226'-28'
2101'-04'	2232'-42'
2110'-24'	2245'-54'
2130'-40'	2259'-63'
2143'-52'	

All shots fired. Made 11 perforating runs. No change after perforating.

RD wireline. Closed BOP. Well venting to battery. SDFWE.

WEST ARTESIA GRAYBURG UNIT #012 WIW

		Perfs: 2114 - 2253' OA
API: 30-015-02649	Lease: E-7179	Spud: 9/07/57
L-8-18S-28E	1650 FSL & 990 FWL	P&A: n/a
Eddy Co., NM	Pool: 3230- ARTESIA; Q-G-SA	

02/24/15

MIRU Bo Monk Pipe Testers. Test pkr & 2-3/8" L80 EUE 8rd WS to 5000 psi below slips to 2258'. RD pipe testers. MIRU Pacesetters Pressure Pumping equip. Break circ & pump until clean. Spot 7 bbls 15% HCl NeFe acid w/acid booster, anti-sludge, paraffin solvent, scale inhibitor & demulsifiers. PUH to 903', reverse acid into tbg. Set pkr. Test lines to 4000 psi. Bled off. Open well and break down on fresh water. Pumped 6000 gals 15% NeFe HCl acid w/additives down 2-3/8" L80 in 4 acid stages & 3 diverter stages.

Maximum Pressure: 1840 PSI Average Pressure: 1250 PSI Rate: 6.2 BPM

ISIP: 795 PSI

5 mins: 793 PSI

10 mins: 781 PSI

15 mins: 769 PSI

400 lbs rock salt diverter stages pressure increases.

Stage 1: 100 PSI

Stage 2: 239 PSI

Stage 3: 150 PSI

SWI. RD Pacesetters & SDON for acid to spend.

02/25/15

ONSI/TP = 330 PSI. Open well to vac truck. Flowed back well. Recovered acid water & fines. Recovered 260 bbls load water. Well flowing back with 25-50 PSI. SWI. SDFN.

02/26/15

ONSI/TP = 200 psi. Open well to vac truck. Well flowing back @ 65 BPH. Flowed back 260 bbls acid water. Last 2 hrs well flowed 20 bbls per hr. Recovered 300 bbls today. 560 bbls total. Fluid cleaned up last 2 hrs. Tied well into battery. Well venting overnight. SDFN.

3/02/15

Well venting to battery. Release pkr & POOH. RIH w/notched collar to PBTD 2273'. Circ well clean w/80 BFW. POOH laying down WS. RIH w/2-3/8" J55 EUE 8rd tbg with bull plug. Tested 25 jts. Found 1 bad jt. Close BOP. Vent well to battery. SDFN.

Note: Finish testing tbg tomorrow. Run pkr & circ pkr fluid.

3/03/15

MIRU Empire & re-test 29 jts 2-3/8" tbg; ok. RIH w/30 jts tbg & test to 3500 psi; 1 bad jt. POOH w/tbg. PU & RIH w/pkr & 59 jts 2-3/8" J55 EUE 8rd IPC tbg to 1911.28'. Circ well clean w/75 BFW w/pkr fluid. ND BOP. Set Baker AD-1 tension pkr @ 1911.28'. RU chart recorder & pre-test annulus to 600 psi for 30 mins. No leak-off. RD & released trucks & rentals. RD Aztec Rig #523. Clean location & moved off.

	Description	Length	Depth
	KB	3.00'	3.00'
59	jts 2 3/8" J55 EUE 8rd Tubing	1904.78'	1907.78'
1	5 1/2"x14# 2-3/8" Baker AD-1 Tension Packer	3.50'	1911.28'

03/04/15

MIRU Kill Truck. Pressured annulus to 500 PSI. Chart & test for 30 mins, ok. No leak-off. Release kill truck. Change out bad tbg valve (full opening). SWI. Turned well over to production.

State of New Mexico
Energy, Minerals and Natural Resources Department

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 9 2015

RECEIVED

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David Catanach, Division Director
Oil Conservation Division



Date 3/4/15

API # 30-0 15-02649

Dear Operator:

I have this date performed a Mechanical Integrity Test on the WAGU #12

☒ If this test was successful the original chart has been retained by the NMOCD and will be scanned into the well's file in 7 to 10 days, pending receipt of the Form C-103 indicating the reason for this test. The well files are located at www.emnrd.state.nm.us/ocd/OCOnline.htm

☐ If this test was unsuccessful the original chart has been returned to the operator pending repair and retest of the well, which must be accomplished within 90 days. If this is a test of a repaired well, previously in non-compliance, all dates and requirements of the original non-compliance are still in effect. No expectation of extension should be construed as a result of this test.

☐ If this test was for Temporary Abandonment include in your detailed description, on Form C-103, the location of the CIBP and any other tubular goods in the well, as well as your request for TA status. Include how long you are requesting the TA status for.

☒ If this is a successful test of a repaired well you must submit a form C-103 to NMOCD within 30 days. This C-103 must include a **detailed** description of the repair to the well. Only after receipt of the C-103 will the non-compliance be closed.

☐ If this is a successful Initial Test of an injection well you must submit a form C-103 to NMOCD within 30 days. This C-103 must include a **detailed** description of the work done on this well including the position of the packer, tubing information, the date of first injection, the tubing pressure and injection volume. Contact Karen Sharp at 575-748-1283 x109 to verify all required paperwork has been received before you can begin injection.

If I can be of additional service contact me at (575) 748-1283 ext 107.

Thank You,

Richard Inge

Richard Inge
Compliance Officer
District II - Artesia