

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.
30-015-01897

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-1820

7. Lease Name or Unit Agreement Name
WEST ARTESIA GRAYBURG UNIT

8. Well Number 19

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 C : 330 feet from the N line and 1650 feet from the W line

Section 17

Township 18S

Range 28E

NMPM

County EDDY

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 COMPLEMENTS ☐

DOWNHOLE COMMINGLE ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: RETURN TO PRODUCTION ☒

4-22-13

- See Attached

RECEIVED

APR 25 2013

NMOCD ARTESIA

Spud Date:

Rig Release Date:

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 04/23/2013

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

APPROVED BY: [Signature] TITLE Disposal Supervisor DATE 4/25/2013

Conditions of Approval (if any):

Description:

02/27/13

Unhang well & unseat pump. POOH w/pump & rods (pump pitted). ND WH, NU BOP. POOH w/2 3/8" tbg. LD last 15 jts due to pitting & holes. Called & set up 2 3/8" WS to be delivered tomorrow AM. Wait on DCs. PU 4 3/4" tri-cone bit, bit sub, 8- 3 1/2" DCs. X-over & 6'x2 3/8" tbg sub. Install TIW valve & closed BOP. SDFN.

02/28/13

MI, set pipe racks & off-load 2 3/8" EUE 8rd L80 WS. Tally & PU tbg. Tag fill @ 2131'. NU stripperhead & PU swivel. Broke circ w/FW. Circ approx 4 BO to surface; continued to circ well clean (paraffin, scale & iron sulfite). Washed down to 2145' & started drlg csg shoe. After several minutes noticed water flow brouched outside surface csg. PU & circ well clean. Losing approx .5 bpm outside surface csg. Stopped pumping & wait on orders. LD swivel. ND stripperhead & POOH w/2 3/8" WS. Secure well. SDON.

03/01/13

No SI well pressure. LD 3 1/2" DCs & bit. PU 5 1/2"x14# RBP & 5 1/2"x14#x2 3/8" 32-A pkr. RIH, set RBP @ 1874'. Test to 500 psi ok. PUH & isolate csg leak @ 1842'. EIR 1 BPM @ 850 psi. Pumped 10 BFW, well broached up to surface behind 8 5/8" surface csg. SD pump. Release tools & POOH w/tbg & test tools. Secure well. SDFWE.

Note: Tried to set pkr & plug @ 2030' up to 1905'. Could not get tools to set. No problems setting tools from 1874' to surface.

03/04/13

BOP leaking dwn around surface pipe. Tightened BOP. Cleaned around WH & location. SDON

03/05/13

RIH & LD WS. RIH w/production tbg. RIH w/rods. LD rods & tbg. ND BOP. Secure well. RDMO.SI.

04/10/13

PU 2-3/8" WS w/5-1/2" csg scraper to 2145'. POOH w/scraper. RIH w/5-1/2"x2-3/8" RBP & left swinging @ 1700'. SWI. SDFN.

04/11/13

Continued RIH w/RBP to 1883'. POOH w/retrieving tool. PU & RIH w/5-1/2"x14#x2-3/8" packer to 1873'. Set pkr & test RBP to 500 psi ok. PUH & isolated casing leak @ 1851'. Test csg above pkr to 500 psi ok. POOH w/pkr. RIH w/ retrieving head. Latched & released RBP. PUH to 1800'. Tried to test, showed slight leak. Released RBP. PUH to 1750'. Test csg to 500 psi ok. Release RBP & POOH. PU & RIH w/5-1/2"x14#x2-3/8" tubing-set CIBP to 1883'. Set CIBP & POOH w/setting tool. PU & RIH w/AD-1 tension pkr to 1773' & test CIBP to 500 psi ok. POOH w/pkr. SWI. SDON.

04/12/13

No well pressure. PU & RIH w/5-1/2"x14#x2-3/8" cement retainer & RIH to 1773'. MIRU Pacesetters cementers & pumped tbg capacity. Set retainer & test to 500 psi ok. EIR w/fresh wtr (2 BPM w/800 psi). Mix & pump 350 sx Class "C" Neat cement & tail w/100 sx Class "C" Neat cmt w/2% CaCl. Total cmt 450 sx. Circ 30 sx cmt to surface weighing 14.8 ppg. Cut displacement 1 bbl short & pulled out of retainer. Reversed csg clean. POOH w/setting tool & WS. RD cementers. SWI. SDFWE.

04/15/13

PU 4-3/4" skirted bit, bit sub, (6) 3-1/2" DCs, & 50 jts 2-3/8" WS tbg. RIH, tag cmt retainer @ 1773'. Drill out retainer. Drilled down to 1863', 20' above CIBP. Closed BOP. Test csg to 150 psi, lost 20 psi in 10 mins. Released psi. Closed BOP using 36" pipe wrench. Pressured on well to 170 psi, lost 25 psi in 15 mins. Bled pressure down. Pull up hole w/tbg. Closed BOP. SDFN.

04/16/13

Open BOP. LD swivel. POOH w/tbg & DCs into derrick. PU 2-3/8"x5-1/2" Arrow 32-A tension pkr. RIH w/27 stds 2-3/8" tbg @ 1712', set pkr. Hooked up line thru tbg, pressured up to 150 psi, lost all pressure, unset pkr. PUH laying dwn 1 jt tbg @ 1686', set pkr. Hooked up to backside, press up on backside & started getting flowback thru tbg. Tbg may have hole. Unset pkr, PUH 1 more jt tbg. Set pkr, hooked up thru tbg, pumped, & never gained psi. Unset pkr, PUH 5 jts, set pkr, press up thru tbg, still no gain. Unset. POOH w/tbg. LD pkr. Closed blind rams on BOP. Hooked up to backside, pressure to 130 psi, dropped 5 psi in 2 hrs. Open BOP. RIH w/4-3/4" skirted bit, sub, (6) 3-1/2" DCs, 54 jts 2-3/8" tbg @ 1843'. Drl out cmt & CIBP picking up 2 more jts of 2-3/8" tbg. RIH to btm w/8 jts 2-3/8" tbg from derrick, 64 jts & 6 collars = 2163' w/20' above floor. LD 2 jts. Circ well for 45 mins until clean returns. POOH w/2-3/8" tbg into derrick. LD (6) 3-1/2" DCs & subs, & (1) 4-3/4" bit. Closed BOP. SDFN.

04/17/13

MIRU BWWL Services. Perf 2025-2110', 2 SPF w/3-1/8" csg guns, 19-grain Predator charges.

RE eline. MIRU Empire Tubing Testers. PU 5-1/2" x 2-3/8" x 14# 32-A treating packer, seating nipple and 62 jts of 2-3/8" tubing in the hole. Set packer @ 1986' with 1500 lbs tension. 2 bad jts. Replaced 1. Loaded casing and monitored.

Pumped 5000 gals NeFe acid with anti-sludge additives, diverting with 1500 lbs rock salt in 3 stages.

1st stage increase 162 psi. 2nd stage increase 625 psi. 3rd stage increase 602 psi.

Load to recover: 185 bbls

SWI. RD. SWI f/5 hours.

04/18/13

OWU to 18/64" choke w/500 psi. Flowed back 19 BLW overnight & died. RIH w/swab. IFL 600'. Pulled swab & kicked well off. Well flowed back for 4 hrs & recovered 36 BLW.
Recovered 75 BLW today. -110 BLWTR.

04/19/13

14 hr SITP = 160 psi. Bled off pressure, no fluid recovery. RIH w/swab. IFL 400'. Pulled swab f/1400', recovered 6 bbls (2% oil). RD swab. Release 32A tension pkr. LD WS & pkr. MIRU Hydrostatic Testers. PU 2-7/8" jt tbg w/bull plug, 6' slotted sub, X-over, 2on pkr. LD WS & pkr. MIRU Hydrostatic Testers. PU 2-7/8" jt tbg w/bull plug, 6' slotted sub, X-over, 2-3/8" SN, enduro jt, 10 jts 2-3/8" tbg, 4-1/2"x14#x2-3/8" TAC, & 56 jts to surface. EOT @ 2108.95'. RD testers. SWI. SDFWE.

04/22/13

SITP=180 PSI. Bled off pressure. ND BOP. NU Well-head. PU pump and 81 used 3/4" Rods with 2'-4'-4'-6'-6' 3/4 pony subs. Worked to get pumping unit on down stroke. HWO and long stroked pump to 500 PSI. RDMO