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

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

Form C-103
Revised August 1, 2011

WELL API NO.
30-015-10328

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
OG-703

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.)

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

1. Type of Well: Oil Well ☐ Gas Well ☐ Other Injection Well ☒

8. Well Number 006

2. Name of Operator
Alamo Permian Resources. LLC

9. OGRID Number
274841

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

10. Pool name or Wildcat
Artesia; Queen-Grayburg-San Andres

4. Well Location
Unit Letter G : 2310 feet from the N line and 1980 feet from the E line
Section 8 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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
☐		OTHER: ☒	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.

"Denied"

RECEIVED
MAY 16 2014
NMOCD ARTESIA

SEE ATTACHED

UPPER PERFS ARE 100' ABOVE ZONE PERMITTED BY OCD. R-3357-C PLEASE SUBMIT CHECK IN AND CONTACT OCD SANTA FE TO APPLY FOR AMENDED PERMIT. RT - 5/29/14

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 05/14/2014

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

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any): "Denied" "Denied"

WEST ARTESIA GRAYBURG UNIT #006 WIW		
		Perfs: 2014 - 2277' OA
API: 30-015-10328	Lease: OG-703	Spud: 6/24/64
G-8-18S-28E	2310 FNL & 1980 FEL	
Eddy Co., NM	Pool: 3230- ARTESIA; Q-G-SA	

Objective: Clean-out, Add perfs, Acidize

04/30/14
TP 0 psi. ND WH, NU BOP. Release pkr & POOH w/58 jts 2-3/8" J55 EUE 8rd IPC tbg & 5-1/2"x14#x2-3/8" Baker AD-1 tension pkr. Close blind rams & change 2-3/8" rams for 2-7/8" rams. PU 4-3/4" skirted bit, 5-1/2" csg scraper on 2-7/8" WS. Tag fill @ 2226'. RU swivel. Tag fill & broke circ. Wash & rotate dwn to 2291' (salt bridge @ 2226' & 2243'). Recovered iron sulfite, salt, sand & paraffin. Circulate 75 BW to clean well up. RD swivel & POOH w/bit & scraper. Close blind rams. Vent well to battery. SDFN.

05/01/14
RIH w/5-1/2"x14#x2-7/8" AD-1 Baker tension pkr to 600'. Set pkr & pressure csg to 300 psi, stopped pumping, pressure dropped to 0 psi. Repeated several times, same results. Dug out around WH & pressured to 100 psi. Water coming up from around packing in surface head. 5-1/2" csg moving inside surface pipe. POOH w/pkr & WS. Wait on 5-1/2"x14# RBP. RIH w/RBP to 1500'. Set RBP & LD WS. RIH w/remainder of WS & laid it down. Prep to RIH w/2-3/8" IPC tbg. SWI. SDFN.

05/02/14
RIH & LD 2-3/8" IPC tbg. RD WSU. MIRU Vortec backhoe. Dig out around WH, could not find hole above surface head. Unpacked bradenhead. 5-1/2" casing movement appears 5-1/2" slips not holding. 5-1/2" leak below bradenhead. Release backhoe. SWI. SDFWE.

05/05/14
RU back up on well. PU & RIH w/5-1/2"x14#x2-7/8" AD-1 tension pkr to 62.00'. Try pressuring 5-1/2" csg, communicated up 8-5/8" surface csg. Pull up to 32', showed leak-off. POOH w/AD-1 tension pkr & RIH w/32-A Weatherford tension pkr with unloader. RIH to 1000' & test RBP to 500 psi, ok. PUH to 485', test csg below pkr to 500 psi, ok. PUH to 70' f/surface. Set pkr & test csg below pkr to 500 psi, ok. PUH to 54', set pkr, test below pkr. Took 2 bbls to break circ around 8-5/8" surface csg. Test above pkr to 500 psi, ok. Casing leak located approx. 62' (+/- 8.00'). POOH w/pkr. SWI. SDFN.

05/06/14
ND BOP. MIRU wireline. RIH w/ string;
shot and ccl to 95'. RU equipment to put left hand torque on 5-1/2" casing and set off charge. broke conn.; POOH w/ wireline. PU & RIH w/ 5-1/2" TAC on 4 Jnts 2-7/8" WS, Set TAC & slacked off TBG. Finish backing off csg. POOH & LD 3 jts 5-1/2" csg (hole in 2nd jt, 62'). PU 3 jts 5-1/2"x17# J55 csg w/5-1/2" csg collar on bottom. Tag csg pin. Worked & screwed csg back together. Torqued break & pull test HSM w/crew re wireline hazards & PPE.
ND BOP. MIRU Warrior Wireline. RIH w/string shot & CCL to 95'. RU equipment to put left-hand torque on 5-1/2" csg & set off charge. Broke conn. POOH w/WL. PU & RIH w/5-1/2" TAC on 4 jts 2-7/8" WS, set TAC & slacked to 20,000 lbs, ok. Cut off 5-1/2" csg. Weld on slip collar. NU WH & BOP. Release TAC & POOH w/2-7/8" tbg guide. SWI. Test 5-1/2" csg to 500 psi, ok. RIH w/retrieving head, latched & released & POOH w/RBP. SWI. SDFN.

05/07/14
MIRU Wireline. Run Compensated Neutron/GR/CCL logs from 2275' (WLD) up to surface. Sent logs to Houston. RU to perf the following 13 intervals using 3-1/8" hollow-carrier, slick perforating guns w/19-grain charges, 2 SPF:
2012-19', 2042-50', 2060-2067', 2076-84', 2092-2100', 2114-2130', 2138-2144', 2154-64', 2177-82', 2190-96', 2206-2210', 2220-30' and 2246-58'. All shots fired. No change after perforating. RD Wireline. SWI. SDFN

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R-3357-C 3/17/11

WEST ARTESIA GRAYBURG UNIT #006 WIW		
		Perfs: 2014 - 2277' OA
API: 30-015-10328	Lease: OG-703	Spud: 6/24/64
G-8-18S-28E	2310 FNL & 1980 FEL	
Eddy Co., NM	Pool: 3230- ARTESIA; Q-G-SA	

05/08/14
Bled off 50 psi SIWP. PU 5-1/2"x14#x2-7/8" Weatherford 32-A tension pkr w/unloader to 2280'. MIRU to acidize perfs 2014 – 2277' w/10,000 gals 15% NeFe acid w/acid booster, anti-sludge, paraffin solvent, scale inhibitor & demulsifiers in 4 stages using 1200# rock salt for diverting agents between stages. Spot 7 bbls acid, PUH to 1958'. Reverse 3 bbls produced water & set pkr. Load & monitor annulus throughout job, ok.
..Stage 1: Pumped 65 bbls acid, 400 lbs diverter. Pressure increased 98 psi w/block on formation
..Stage 2: Pumped 72 bbls acid, 400 lbs diverter. Pressure increased 73 psi w/block on formation
..Stage 3: Pumped 48 bbls acid, 400 lbs diverter. Pressure increased 151 psi w/block on formation.
..Stage 4: Pumped 48 bbls acid. Flush to bottom perfs.
Max Pressure: 1534 psi
Rate: 5 bpm
ISIP: 1234 psi
5 mins: 1097 psi
10 mins: 1082 psi
15 mins: 1071 psi
Total load: 264 bbls
SWI 3 hrs to wait on acid. RD & prep for flowback.
Open well @ 1:30 w/1100 psi pressure on 14/64" choke. Flow back 130 bbls acid black acid water in 45 mins. Continue flowing back heavy black acid water. Well cleaned up w/350 bbls total flowback. Flowback pressure dwn to 90 psi. Tied into WAGU water station inlet tank & SDON.

05/09/14
Bled off well pressure. Release pkr & POOH. PU & RIH w/2-7/8" muleshoe on 2-7/8" WS. Wash dwn 20', down to 2291'. Circ 150 BFW to clean well. Circ acid wtr & fines. POOH laying down WS. SDFWE.

05/12/14
Bled off well pressure. MIRU Tubing Testers. PU pkr, could not get test tools thru IPC tbg. Bull plug tbg. RIH, test to 3500 psi, ok. POOH. PU pkr. RIH to 1953' & circ 75 bbls pkr fluid. ND BOP. Set Baker AD-1 tension pkr @ 1953' w/16,000 lbs tension. NU WH. MIRU pressure testers. Pressure annulus to 500 psi for 30 mins. No pressure drop. Held good. RD. Clean location. RDMO.
Note: Talked to Richard with OCD. Plan to perform MIT test @ 9:00am tomorrow; also rate & pressure test.
DC: $7,850 CTD: $111,350 *from: S. Cockrum*

KB	6.00'	6.00'
58 jts 2-3/8" J55 EUE 8rd IPC Tubing	1943.80'	1949.80'
5-1/2"x14#x2-3/8" AD-1 Tension Packer	3.20'	1953.00'

5/13/14
MIRU kill truck. Pressured annulus to 350 psi (as per OCD) and chart for 30 mins. No bleed off. Ok. Chart is with Richard Inge. Rd chart recorder. Tie onto tubing to perform step up rate and pressure test. Tubing pressure 320 psi.

PUMPED 5 BBLS PRODUCED WATER @ .25 BPM. PRESSURE 200 PSI.
PUMPED 5 BBLS PRODUCED WATER @ .50 BPM. PRESSURE 250 PSI.
PUMPED 5 BBLS PRODUCED WATER @ .75 BPM. PRESSURE 300 PSI.
PUMPED 5 BBLS PRODUCED WATER @ 1.00 BPM. PRESSURE 350 PSI.
PUMPED 5 BBLS PRODUCED WATER @ 1.25 BPM. PRESSURE 400 PSI.
PUMPED 5 BBLS PRODUCED WATER @ 1.50 BPM. PRESSURE 400 PSI.
PUMPED 5 BBLS PRODUCED WATER @ 1.75 BPM. PRESSURE 400 PSI.
PUMPED 5 BBLS PRODUCES WATER @ 2.00 BPM. PRESSURE 450 PSI.

ISIP 425 PSI.

INJECTING WATER IN WELL.