

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. 30-015-02639
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Injection Well <input 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. OG-5851
3. Address of Operator <b>415 W. Wall Street, Suite 500, Midland, TX 79701</b>		7. Lease Name or Unit Agreement Name WEST ARTESIA GRAYBURG UNIT
4. Well Location Unit Letter H : 2310 feet from the N line and 990 feet from the E line Section 8 Township 18S Range 28E NMPM County EDDY		8. Well Number 007
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: ☐

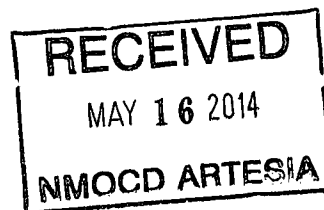
SUBSEQUENT REPORT OF:

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



*File C-105 w/24-hr test info*

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

SIGNATURE Carrie Stoker TITLE Regulatory Affairs Coordinator DATE 05/05/2014

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

APPROVED BY: [Signature] TITLE Dr. J. S. Spenser DATE 5/22/14

Conditions of Approval (if any):

WEST ARTESIA GRAYBURG UNIT #007		
		Perfs: 2024 - 2320' OA
API: 30-015-02639	Lease: OG-5851	Spud: 05/03/62
H-8-18S-28E	2310 FNL & 990 FSL	
Eddy Co., NM	Pool: 3230 – ARTESIA; Queen-Grayburg-San Andres	

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

04/16/14

MIRU PU. Unhang well. Unseat well & unseat pump & POOH w/pump. ND WH. Noticed casing size is 4-1/2" x 10.6# casing. Most of the 4-1/2" in the area has been 10.6 PPF. NU BOP. Tag soft btm @ 2291'. RU hot oil unit & pump 70 bbls hot wtr dwn csg. Could not break circ. RD hot oiler. RU kill truck. Pump additional 16 bbls wtr & broke circ. Wash dwn to 2300' & circ 59 bbls. Recovered paraffin, sand & scale to surface. RD kill truck. POOH w/2-3/8" tbg. PU 3-3/4" bit, (6) 3-1/8" DCs on 2-3/8" tbg to 1994'. SWI. SDFN.

Original BHA:

1-1/4"x11.00' Polish rod w/6.00' 1-1/2" liner  
 4.00' Pony Sub  
 89 x 5/8" Rods (fair)  
 20-1.25-10 RWBC Pump  
 71 jts 2-3/8" J55 EUE 8rd Tubing (fair condition) = 2245.35'  
 2-3/8" Seating Nipple = 1.10'

04/17/14

Finish RIH w/tbg. Tag fill @ 2295'. RU swivel & stripperhead. Broke circ. Rotate & wash paraffin, scale & packed sand dwn to 2307'. Drill up CIBP in 40 minutes. Wash dwn to 2328' circulating sand, scale & trash to surface. Try to continue to make hole & plugged bit. POOH w/bit, recovered small pieces of strainer nipple from pump, cast iron from CIBP & small springs. Ran back in hole, tag btm, broke circ. Tried next 1.5 hrs to make hole without success. Plugged bit. POOH w/tbg. LD collars & bit. Bit plugged w/same as above. SWI. SD until Monday.

4/21/14

PU 4-1/2" casing scrapper with 3-3/4" bit to 2328'. POOH with bit and rotating casing scrapper. MIRU wireline co. to run compensated GRN/ CCL log from 2319' ( WLD ) up to 472' showing compensated neutron porosity log curves for sand-stone and dolomite log tracks. SWI. Offloaded and tallied 2-3/8" L80 WS. SDON.

04/22/14

MIRU wireline to perforate 113' @ 2 spf, 226 perfs with 3-1/8" hollow guns with 19 grain charges as follows:

2024-32', 2058-62', 2068-76', 2092-2102', 2110-16', 2132-36', 2142-47', 2154-56', 2160-70', 2175-80',  
 2201-09', 2212-18', 2228-34', 2250-56', 2260-66', 2276-84', 2305-12' and 2316-20'.

8 runs. All shots fired. RD E-line. PU 4-1/2 x 10.5#x2-3/8" arrow set compression pkr. Tried to set pkr in top joint. No success. LD pkr & PU 4-3/4" bit & scraper. Could not get past well head. ND BOP. Found top threads below wellhead rolled over. Dressed-off rolled-over threads, try 5-1/2" casing scraper. Ok. POOH, NU BOP & run 4-3/4" bit, casing scraper on 2-3/8" WS to 2328' (tubing depth). POOH with bit & scraper. PU 5-1/2"x14# x 2-3/8" Weatherford RBP, 5-1/2"x14# x 2-3/8" Weatherford compression pkr with retrieving head on 2-3/8" WS. Set RBP @ 2324' (tubing depth). Pulled pkr above perfs. SWI. SDON. Well ready for acid work.

4/23/14

No shut in well pressure. RIH, PSA 2294"

STAGE 1. 2305'-20'. Acidized perfs with 1100 gals 15% NEFE acid with acid booster, paraffin solvent, scale inhibitor anti-sludge and demulsifiers. RATE 1.5 BPM. MAX PRESSURE 720 PSI. ISIP 448 PSI. 5M 112 PSI. 10M 45 PSI. 15M 34 PSI. Dropped to 0 PSI. Released packer and equalize well. RIH latched and released RBP.

STAGE 2-3. 2250-2284'. RBP @ 2294', Spot 1 BBLS acid. PUH, set packer @ 2247'. Caught pressure with 10 BBLS water. Started on acid, after 2 BBLS well communicated. Shutdown, bled off well. Moved packer to 2190'. Caught pressure and pumped 15 BBLS water ahead. Started on acid to pump 4150 GALS 15% NEFE acid with additives. Well communicated with 75 BBLS acid in well. Pumped 14 BBLS water to flush tubing. Opened by-pass and circulated well clean. Circulated produced water and 10 BBLS acid to vac. truck. Rate 1.5 BPM. MAX PRESSURE 752 PSI. ISIP 402 PSI. 5M 396 PSI. 10M 352 PSI. 15M 325. Released packer. RIH latched and released RBP. PUH TO 2190', set RBP. PUH TO 1900'. Set packer. Test to 500 PSI. OK. Released packer. SDON

<b><u>WEST ARTESIA GRAYBURG UNIT #007</u></b>		
		Perfs: 2024 - 2320' OA
API: 30-015-02639	Lease: OG-5851	Spud: 05/03/62
H-8-18S-28E	2310 FNL & 990 FSL	
Eddy Co., NM	Pool: 3230 – ARTESIA; Queen-Grayburg-San Andres	

4/24/14

POOH with packer; Visually inspected packer for defects. Elements and by-pass good. RIH with new 5-1/2" x 14# x 2-3/8" Weatherford compression packer with retrieving tool. Spotted 1 bbl acid @ 2180'. PUH to 2126'. Reversed 2 bbls water and set packer. Pressured tubing to 550 psi. Communicated with upper perfs. Released Packer and PUH to 2045'. Set packer;  
 Stages 4&5. Perfs 2058'-2116', 2132'-2180' RU acid company to acidize 2050'-2180' with 4350 gals of 15% NEFE acid with additives down 2-3/8" tubing at 1.5 BPW. Max pressure 1067 PSI. 5m 985 psi. 10m 969 psi. 15m 927 PSI. WOA to spend for 2 hrs. Flowback acid. Released packer and RIH to 2180', latched and released RBP. PUH to 2045'. Set RBP and spot 1 bbl acid. PUH to 1997', reversed 2 bbls water. Set packer and pressure annulus to 500 psi.  
 Stage 6. Perfs 2024'-2032'. RU to acidize stage 6 with 800 gals 15% HCL acid with additives down 2-3/8" I80 workstring. Pressured tubing to 1500 psi, slight bleed off. Opened well to vent line and repeated process 11 times. No success for breakdown. Pressured well to 1650 psi. No success. SWI with pressure on the tubing overnight. Secured well and SDON

4/25/14

Tubing and casing pressure 0 psi. Loaded tubing with .8 bbls water. Pressured to 1500 psi. Perfs did not break. Bled off pressure, released packer, RIH tagged plug to double check tally. Ok. Pu and spot 1 bbl acid. PUH to 1997', reversed 2 bbls water and set pkr.  
 STAGE 6. Perfs 2024'-2032'. Pressured tubing with water, started pumping into perfs @ 1.5 bpm with 400 psi. Acidized perfs with 800 gals 15% NEFE HCL acid with additives. Max pressure 792 psi. ISIP 695 psi. 5m 665 psi. 10m 642 psi. 15m 630 psi. Swi. RD. Woa 2 hours. Opened well and bled well down. Released packer. RIH latched, released RBP and POOH laying down WS. MIRU tubing testers and test production tubing in the hole to 5000 psi. Ok. ND BOP. Nu wellhead.

	Description	Length	Depth
<b>Tubing</b>	KB	6.00'	6.00'
	63 jts 2½" J55 EUE 8rd Tubing	1992.80'	1998.70'
	1 5½"x14#x2½" TAC w/11,000# Tension	2.90'	2001.60'
	7 jts 2½" J55 EUE 8rd Tubing	222.01'	2223.61'
	1 2½" Endurance Joint	32.36'	2255.97'
	1 2½" Seating Nipple	1.10'	2257.07'
	1 2-7/8" Slotted Sub	4.00'	2261.07'
	1 2-7/8" Mud Anchor w/Bull Plug	32.97'	2294.04'

04/28/14

RIH w/pump & rods. Space out well. Load & pressure pump to 500 psi, ok. Clean location. RD unit.

	Description	Length
<b>Rods</b>	1 1¼"x22' Polish Rod w/1½" Liner	22.00'
	4 ¾" Pony Subs, 1ea: 4', 4', 6', 8'	22.00'
	88 5/8" Rods	2200.00'
	1 1"x3/4" Lift Sub	1.00'
	1 20-150-12 RWBC Pump w/14' Gas Anchor	12.00'