

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

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.)		WELL API NO. 30-015-23842
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other Injection Well <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>Alamo Permian Resources. LLC</b>		6. State Oil & Gas Lease No. FEE
3. Address of Operator <b>415 W. Wall Street, Suite 500, Midland, TX 79701</b>		7. Lease Name or Unit Agreement Name JENNINGS
4. Well Location Unit Letter A : 406 feet from the N line and 330 feet from the E line Section 18 Township 18S Range 28E NMPM County EDDY		8. Well Number 001
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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/>  OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/>  OTHER: CLEAN OUT, ADD PERFS, ACIDIZE <input checked="" type="checkbox"/>
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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

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT  
 AUG 07 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 08/05/2014

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

APPROVED BY: *[Signature]* TITLE District Supervisor DATE 8/12/14

Conditions of Approval (if any):

**JENNINGS #001**

		Perfs: 1725 - 2596'
API: 30-015-23842	Lease: FEE	Spud: 06/27/81
A-18-18S-28E	406 FNL & 330 FEL	P&A:
Eddy Co., NM	Pool: 3230 - ARTESIA; Q-G-SA	

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

07/21/14

MIRU Rig. Unhang well & POOH w/pump & rods. ND WH, NU BOP. Unset TAC & tag fill. POOH w/production BHA. PU 3-7/8" skirted bit, 4-1/2" rotating casing scraper on 2-3/8" production tbg to 1600'. SWI. SDFN.

	Description	Length	Depth
<b>Tubing</b>	KB	6.00'	6.00'
	51 jts 2 3/8" J55 EUE 8rd Tubing	1604.46'	1610.46'
	1 4 1/2" x 2 3/8" TAC w/12K Tension	2.90'	1613.36'
	27 jts 2 3/8" J55 EUE 8rd Tubing	849.42'	2462.78'
	1 2 3/8" 8rd Endurance Joint	32.14'	2494.92'
	1 2 3/8" Standard SN	1.10'	2496.02'
	1 2 3/8" Mule Shoe Joint	15.00'	2511.02'
<b>Rods</b>	1 1 1/4" Polish Rod w/1 1/2" Liner	16.00'	
	2 3/4" Pony Subs, 1 ea: 2.00', 6.00'	8.00'	
	98 3/4" Rods	2450.00'	
	1 20-150-10 RWBC Pump w/LS	11.00'	

07/22/14

MIRU Lobo Trucking, wash & rotate thru perfs 1725-2558', & continue to 2569'. Circ paraffin, salt, rust & scale w/70 BFW. Well clean. POOH w/bit & scraper. MI & set pipe racks. Off-load 2-3/8" WS. SWI. SDFN.

07/23/14

MIRU wireline truck to run GRN/CCL; Logs from 2569' to surface. 1st run GR tool not working. POOH with e-line and wait for GR tool from Odessa, TX. Tool arrived late afternoon. RIH and RAN GRN/CCL LOGS from 2569' (WLD) to surface. RD e-line. SWI. SDON.

07/24/14

Opened well. PU 2-3/8" WS. POOH standing WS in the derrick. SWI. SDFN.

07/25/14

Clean location. PU junk pipe, rods & take to yard while waiting for loggers response. Could not log well until Monday AM. SWI. SDFWE.

07/28/14

MIRU wireline services. Run GRL/CCL & Compensated Neutron Porosity Log (Limestone, Dolomite & Sandstone "3 Matrix Pass"). Log from 2560' WLD up to 500' f/surface. Sent logs to Houston. SWI. SDFN.

7/29/14

MIRU Capitan Wireline Corp & perforated 2 SPF w/19-grain charges on 3-1/8" hollow-carrier slick perf guns, 136' & 272 holes, as follows:

1948 - 68'	2098 - 2111'
2026 - 31'	2117 - 38'
2057 - 66'	2178 - 2202'
2070 - 76'	2208 - 46'

No change after perforating. RD Wireline. PU 4-1/2"x10.50# Weatherford RBP, retrieving tool on 4-1/2"x10.50#x2-3/8" compression packer on 2-3/8" WS, testing to 5K, ok. Set RBP @ 2567' (tubing depth). PUH & set packer @ 2353'. MIRU to acidize Lower San Andres w/1000 gals 15% NeFe acid w/special additives down 2-3/8" L-80 WS @ 1-2 BPM.

Max Pressure: 1500 PSI Average Pressure: 1500 PSI

Max Rate: 2.00 BPM Average Rate: 1.5 BPM

ISIP: 1448 PSI

5 mins: 1301 PSI

10 mins: 1255 PSI

15 mins: 1206 PSI

Total load: 54 bbls.

SWI. SDON for acid to spend.

07/30/14

SITP 580 psi. Flowed back 20 bbls load water.

Release pkr & equalize well. TIH, latch onto & release RBP. PUH & set RBP @ 2275'. Set pkr @ 2260'. Test RBP to 500 psi, ok.

Release pkr & POOH. LD compression pkr & retrieving tool. PU 4-1/2"x10.50#x2-3/8" 32-A tension pkr & RIH to 2260'. Circ well clean & spot 350 gals 15% NeFe acid w/acid boosters, scale inhibitor, paraffin solvent, demulsifiers & anti-sludge. PUH to 1695', reverse 8 BFW & set pkr w/16,000-lbs tension. RU Pacesetters to acidize Penrose & Grayburg perms (1725-2246'), with 14,700 gals of 15% NeFe HCl acid w/special additives, pumping 3 400# salt block stages down 2-3/8" tbg flushing to bottom perms.

Max Pressure: 1718 PSI Average Pressure: 1475 PSI

ISIP: 835 PSI

5 mins: 841 PSI

10 mins: 828 PSI

15 mins: 817 PSI

TLTR: 437.5 bbls

SWI. RD Pacesetters. SDON for acid to spend.

1<sup>st</sup> block pressure increase = 109 PSI

2<sup>nd</sup> block pressure increase = 129 PSI

3<sup>rd</sup> block pressure increase = 114 PSI

07/31/14

Open well up to vac truck w/530 psi. Flowed back 230 BLW. Pressure dropped to 160 psi. Tied tbg into flowline. Well venting to battery w/160 psi tbg pressure. Well flowing back acid water, fines, & trace of oil.

207 BLWTR. SDFN.

08/01/14

Well flowing to battery on 32/64" choke w/130 psi FTP. SWI. Hook to vac truck & try to flow well down. Open to 1" choke, pressure increased to 200 psi. Flow back additional 60 BLW in 2 hrs w/15% oil cut. Recovered 8 BO. Tie well back into flowline to flow well over the weekend to battery. SDOWE.

08/04/14

Well venting to flowline. Close tbg valve & release pkr. Reverse 10 BFW dwn csg. POOH w/pkr. PU retrieving tool & RIH. Tag RBP. PU & circ 90 BFW. Latch onto & release RBP. POOH laying down WS. PU production BHA & test tbg to 5000 psi. Joint #46 was bad, replace, & RD testers. Set TAC w/12,000 lbs tension. ND BOP, NU WH. Prep f/rods. RIH w/plunger & rod design. Space out rods & test pump to 500 psi, ok. Clean location. RDMO.

	Description	Length	Depth
Tubing	KB	6.00'	6.00'
	5 jts 2 3/8" J55 EUE 8rd Tubing	1615.93'	1621.93'
	1 4 1/2"x2 3/8" Baker TAC w/12K Tension	2.90'	1624.63'
	26 jts 2 3/8" J55 EUE 8rd Tubing	817.63'	2442.26'
	1 2 3/8" Endurance Joint	31.60'	2473.86'
	1 2 3/8" J55 EUE 8rd Lift Sub	4.00'	2477.86'
	1 2"x1-3/4" Working Barrel	16.00'	2493.86'
	1 2 3/8" Slotted Sub	6.00'	2499.86'
	1 2 3/8" Mud Anchor w/BP 16.00' Dip Tube	32.50'	2532.36'
Rods	1 1/4" Polish Rod w/1 1/2" Liner	16.00'	
	3 3/4" Pony Rods, 1 ea: 8', 6', 4'	18.00'	
	93 3/4" Rods	2325.00'	
	1-1/2" K-Bars w/Slim Hole Couplings	100.00'	
	2 7/8" Pony Rods w/Slim Hole Couplings, 1ea: 8', 8'	16.00'	
	1 1-3/4" Plunger w/1"x7/8" Lift Sub	4.00'	