

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. 30-015-39591
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator ALAMO PERMIAN RESOURCES LLC		6. State Oil & Gas Lease No. B-7071
3. Address of Operator 415 W. WALL ST., SUITE 500 MIDLAND, TX 79701		7. Lease Name or Unit Agreement Name FEATHERSTONE STATE B
4. Well Location Unit Letter <u>K</u> : 2185 feet from the <u>S</u> line and <u>2135 feet</u> from the <u>W</u> line Section <u>2</u> Township <u>18S</u> Range <u>28E</u> NMPM County <u>EDDY</u>		8. Well Number 5
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. OGRID Number 274841
		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 ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: ☒ Perf/Acidize/Frac in current zone

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 10/15/12

Type or print name Carie Stoker E-mail address: cstoker@helmsoil.com PHONE: 432 664 7659

For State Use Only

APPROVED BY: ADade TITLE Dist. Rep. Supervisor DATE 10/30/12
Conditions of Approval (if any):

10/08/2012

MIRU Aztec Well Service, unhung head, laid down with polish rod. POOH w/ 2' 7/8 sub, 8' 7/8 sub, 6' 7/8 sub, 45 - 7/8 rods, 63 - 3/4 rods, 12- 1-1/2" k-bars, 1- 20' x 1-1/2" pump, 1- 16' gas anchor. Changed rod equipment, unflanged well, ND well head, NU BOP, picked up 5 joints 2 7/8 tubing, tagged bottom w a 6th joint. POOH laying down 6 joints, then POOH w/ 89 joints, 2 7/8 tubing, 1- 5-1/2 x 2-7/8 TAC, 5 joints, 2 7/8 tubing, 1 SN, 1- 2 7/8 x 3 1/2 changeover, 1- 3 1/2" mother hubber with bull plug. Tagged bottom @ 3276

10/09/12

Rig up Baker Hughes pumping service. MIRU wireline company, RIH set a CIBP @ 2950. POOH w/ wireline, Baker Hughes tested plug 1000 psi (held). RIH perforated from 2415-2721; 2 SPF; Total of 64 holes; Rig down wireline. Pick up 5 1/2 x 2 7/8 (32-a-tension packer). RIH with 84 joints 2 7/8 tbg, packer @ 2745, broke circulation. Spot acid 400 gal. PUH 14 joints @ 2290 set packer, reverse 3bbl fresh water, test backside 500 psi (held). Test lines 6500 psi (held). Broke circulation w/ fresh water, started pumping acid. Pumped 600 gal then started dropping balls.

Max rate 5.0 Max psi 1600

ISIP 1072 psi, 5 min 905 psi, 10 min 853 psi, 15 min 790 psi.

Rig down acid co. Well was shut in for 3 hrs, had 0 psi on gauge when opened, did not flow back.

Started swabbing

10/11/12

MIRU pumping equipment to frac perfs 2415'-2721' with 48,000 gals 60Q foam carrying 96,684 lb of 20/40 Brady sand with 121 tons CO2 dwn 5 1/2" casing at 60 BPM. Max pressure 2218 PSI; Ave Pressure 2021 PSI; Max rate 53.8 BPM; Ave rate 48.4 BPM
