

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 July 18, 2013

<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. <b>30-007-20892</b>
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <b>CBM</b>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>ARP Production Company, LLC</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>Park Place Corporate Center One, 4<sup>th</sup> Floor, 1000 Commerce Drive, Pittsburgh, PA 15275</b>		7. Lease Name or Unit Agreement Name <b>VPR A</b>
4. Well Location Unit Letter <b>O</b> : <b>332</b> feet from the <b>South</b> line and <b>2549</b> feet from the <b>East</b> line Section <b>30</b> Township <b>31N</b> Range <b>21E</b> NMPM County <b>Colfax</b>		8. Well Number <b>500</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>GL 7960</b>		9. OGRID Number <b>300097</b>
		10. Pool name or Wildcat <b>Stubblefield Canyon Raton-Vermejo Gas</b>

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

*Perform remedial work on the well due to failing MIT. See attached procedure and wellbore diagram for detailed description of the work to be performed.*

Spud Date:

**1/16/2008**

Rig Release Date:

**Not Applicable**

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

SIGNATURE *Carla L. Suszowski* TITLE Director, Env. & Regulatory Affairs DATE 5-19-15

Type or print name Carla L. Suszowski E-mail address: csuszowski@atlasenergy.com PHONE: (412) 289-0311

For State Use Only

APPROVED BY: *Wile Jon* TITLE DISTRICT IV SUPERVISOR DATE 5/19/15

Conditions of Approval (if any):

**VPR A-500 WATER DISPOSAL WELL**  
**API NO: 30-007-20892**  
**Procedure**

MIRU

ND well head, NU BOP

Release sealing assembly/tubing from seal bore packer

POOH with tubing and sealing assembly, Lay down tubing

PU work string and RIH with 7" retrievable bridge plug and packer

Set RBP as close as reasonably possible to 5407'

Isolate leak to within 60'

Move RBP 30' below leak window

POOH with 7" packer and work string

Dump 15' of 20/40 sand on RBP

RIH with work string and cement retainer

Set cement retainer 50' above leak window

Pump 10 bbls of water then begin pumping 300 sacks of Class A, retard as necessary depending on temperature

Continue pumping cement until a surface pressure of 300 psi is reached or cement top is within 100' of cement retainer

Pull out of cement retainer and reverse circulate 1.2 times the tubing and annulus volume

POOH with tubing and wait a minimum of 24 hours

RIH with bit, collars, and work string

Drill cement retainer and cement

Test casing to 800 psi

If casing leaks, repeat squeeze

If casing does not leak, POOH with bit, collars, and work string

RIH with retrieving head and work string

Retrieve 7" RBP

RIH with tubing and sealing assembly

Seat sealing assembly in PBR

Conduct MIT

Return to production

Estimated time to complete operations - 8 days

# **VPR A-500 WATER DISPOSAL WELL** **WELLBORE DIAGRAM**

LEASE: Vermejo Park Ranch  
LOC: 332' NSL; 2549' FEL  
BHL: Vertical Well  
CURRENT STATUS: WDW

WELL: VPR A-500 WDW  
SEC: 30  
GL: 7960'

FIELD: Subblefield Canyon  
T/R: T31N, R21E  
CTV/ST: Colfax, New Mexico

API NO: 30-007-20892  
SPUD: 1/16/08  
COMPL: 5/28/08  
PBDT: 6700'  
TD: 6750'

