

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

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

WELL API NO.  
30445-32957

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
ATLANTIC A

8. Well Number #6B

9. OGRID Number  
233083

10. Pool name or Wildcat  
Blanco Mesa Verde

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.)

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

2. Name of Operator BASIN MINERALS OPERATING CO.

3. Address of Operator c/o Walsh Engineering  
7415 East Main Street, Farmington, NM 87402

4. Well Location

Unit Letter F 1810' feet from the NORTH line and 2475' feet from the West line  
Section 26 Township 31N Range 10W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
6281' GR

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

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

OTHER: FRAC TREATMENT REPORT ☒

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

On 12/27/05 Basin Minerals fraced the Atlantic A #6B per the attached reports.



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Paul C. Thompson TITLE AGENT / ENGINEER DATE 12/28/05

Type or print name Paul C. Thompson, P.E. E-mail address: paul@walsheng.net Telephone No. 505-327-4892

For State Use Only

APPROVED BY: H. Villanueva TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JAN 03 2006

Conditions of Approval (if any):

## FRACTURE TREATMENT REPORT

Operator: Basin Minerals Operating Co. Well Name: Atlantic A #6B  
Date: 27-Dec-05  
Field: Blanco Mesa Verde Location: 26/31N/10W County: San Juan State: NM  
Stimulation Company: Key / Computalog Supervisor: Paul Thompson

Stage #: 1/2 Point Lookout

Sand on location: Design: 100,000# Weight ticket: 200,780 Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 14 Strap: 20 Amount: 5600 Usable: 5040

### Perforations:

Depth: 5278 - 5523 Total Holes: 40 PBTD: 5737' KB  
Shots per foot: 1 spf EHD: 0.34" Loggers TD

### Breakdown:

Acid: 1000 gal of 15% HCl  
Balls: 80 7/8" 1.3 sp.gr.  
Pressure: 20 psi

Rate: 16 BPM

Did not load the hole with 100 bbls of water at 7 BPM. Had good ball action. Complete ball-off to 3,000 psi. Recovered 52 balls with 31 hits.

### Stimulation:

ATP: 1200 psi AIR: 81 BPM  
MTP: 1800 psi MIR: 83 BPM

	Sand Stage	Pressure	Rate	BHTP
ISIP: Vacuum	pad	1600	77.7	2789
5 min:	0.5 ppg	1300	81.3	2811
10 min:	1 ppg	1000	82.7	2397
15 min:	1.5 ppg	1000	80.9	2475
	2 ppg	950	80.6	2375

Job Complete at: 1410 hrs. Date: 12/27/2005 Start flow back: SI. Well on vacuum  
Total Fluid Pumped: 1777 bbls  
Total Sand Pumped: 100,000# Total Sand on Formation: 100,000#  
Total Nitrogen Pumped: None

### Notes:

All frac fluid was Aztec City water with biocide, and 1 gal/1000 gal of friction reducer and surface tension reducer. Well was on a vacuum at the end of the job.

## FRACTURE TREATMENT REPORT

Operator: Basin Minerals Operating Co. Well Name: Atlantic A #6B  
Date: 27-Dec-05  
Field: Blanco Mesa Verde Location: 26/31N/10W County: San Juan State: NM  
Stimulation Company: Key / Computalog Supervisor: Paul Thompson

Stage #: 2/2 Menefee & Cliff House

Sand on location: Design: 100,000# Weight ticket: 200,780 Size/type: 20/40 Brady

Fluid on location : No. of Tanks: 7 Strap: Amount: 2800 Usable: 2420

Perforations: Depth: 4568 - 5188 Total Holes: 40 PBTD: 5220' KB  
Shots per foot: 1 spf EHD: 0.34" CIBP  
PT to 3000 psi - OK

Breakdown: Acid: 1000 gal of 15% HCl  
Balls: 80 7/8" 1.3 sp.gr. Break formation at 1210 psi at 9  
Pressure: 155 psi Rate: 4.9 BPM BPM. Had good ball action. Complete ball-off  
to 3,000 psi. Recovered 73 balls with 38 hits.

Stimulation: ATP: 1560 psi AIR: 82 BPM  
MTP: 2900 psi MIR: 83.5 BPM

	Sand Stage	Pressure	Rate	BHTP
ISIP: 130 psi	pad	1820	79	3211
5 min: Vacuum	0.5 ppg	1550	82.0	2795
10 min:	1 ppg	1350	82	2590
15 min:	1.5 ppg	1300	82	2554
	2 ppg	1375	81.0	2620

Job Complete at: 1920 hrs. Date: 12/27/2005 Start flow back: Sl. Well on vacuum

Total Fluid Pumped: 1930 bbls

Total Sand Pumped: 100,000# Total Sand on Formation: 100,000#

Total Nitrogen Pumped: None

**Notes:**  
All frac fluid was Aztec City water with biocide, and 1 gal/1000 gal of friction reducer and surface tension reducer. Well was on a vacuum at the end of the job.