

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

02/21/2024

Well Name: BOLACK E	Well Location: T23N / R6W / SEC 1 / NESE / 36.252975 / -107.413086	County or Parish/State: RIO ARriba / NM
Well Number: 4R	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM067612A	Unit or CA Name:	Unit or CA Number:
US Well Number: 3003923435	Well Status: Gas Well Shut In	Operator: M & M PRODUCTION & OPERATION

Notice of Intent

Sundry ID: 2775197

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/14/2024

Time Sundry Submitted: 03:25

Date proposed operation will begin: 08/01/2024

Procedure Description: This sundry is being submitted on behalf of Tommy Bolack Minerals pursuant to Order No. 22KGR0203W. Tommy Bolack Minerals, as current lessee of record, is doing so under protest and is not assuming any responsibilities as well operator under the lease or BLM or NMOCD. See Attached Procedure and diagrams.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Oral Submission

Oral Notification Date:	Feb 14, 2024	Oral Notification Time:	12:00 AM
Contacted By:	Ethan Wakefield	Contact's Email:	e.wakefield@dwsrigns.com
Comments:	Submitted paper copy because Tommy Bolack Minerals is not the operator in AFMSS 2. Only the record title owner of the lease		

NOI Attachments

Procedure Description

NMNM067612_Bolack_E_004R_3003923435_NOIA_02142024_20240214152348.pdf

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Conditions of Approval**Additional**

2775197_NOIA_4R_3003923435_KR_02212024_20240221104636.pdf

Bolack_E__4R_Geo_Rpt_20240220153108.pdf

Authorized

NMNM067612_004R_3003923435_NOIA_APPRVD_02212024_KGR_20240221105117.pdf

General_Requirement_PxA_20240221104737.pdf

BLM Point of Contact**BLM POC Name:** KENNETH G RENNICK**BLM POC Title:** Petroleum Engineer**BLM POC Phone:** 5055647742**BLM POC Email Address:** krennick@blm.gov**Disposition:** Approved**Disposition Date:** 02/21/2024**Signature:** Kenneth Rennick

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

AFMSS 2 Sundry ID 2775197

Attachment to notice of Intention to Abandon

Well: Bolack E 4R

CONDITIONS OF APPROVAL

1. Plugging work must be completed by September 9, 2024.
2. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
3. Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564-7750.
4. Before or within 30 days after completing work, Tommy Bolack Minerals must contact a BLM Farmington Field Office surface inspection staff to schedule a reclamation onsite.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 02/21/2024

BLM - FFO - Geologic Report**Date Completed****2/20/2024****Well No. Bolack E # 4R****Surf. Loc. 2040
Sec. 1****FSL 810
T23N****FEL
R6W****Lease # NMNM067612A****Operator M&M Prod & Opr****County Rio Arriba****State****New Mexico****TVD 2250 PBSD 2219****Formation Basin Mancos/Counselors Gallup****Elevation GL 6747****Elevation Est. KB 6760****Geologic Formations Est. tops Subsea Elev.****San Jose Surface****Nacimiento Fm. BSC*****Ojo Alamo Ss 1600 5160****Kirtland Fm. 1767 4993****Fruitland Fm. 1902 4858****Pictured Cliffs Ss 2132 4628****Lewis Shale 2252 4508****Remarks****Surface****Fresh water sands****Aquifer (fresh water)****Coal/gas/possible water****Probable water****Remarks:****Reference Well:***** Behind Surface Casing****- Vertical wellbore - all fm. tops are TVD from KB.****DJR Operating LLC
Axi Apache H # 7
990' FSL, 990' FWL
Sec 6M, T23N, R5W
GL = 6646', KB- 6658'****Prepared by: Walter Gage**

Save

Print

Clear

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM-067612

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator M&M Production & Operation INC

3a. Address P.O. Box 175 Counselor, New Mexico 87018

3b. Phone No. (include area code)
(505)327-6908

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. BOLACK E #004R

9. API Well No. 30-039-23435

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

I-01-23N-06W 2040 FSL 810 FEL

10. Field and Pool or Exploratory Area
BALLARD PICTURED CLIFFS (GAS)11. Country or Parish, State
Rio Arriba**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Acidize☐ Deepen☐ Production (Start/Resume)☐ Water Shut-Off☐ Subsequent Report☐ Alter Casing☐ Hydraulic Fracturing☐ Reclamation☐ Well Integrity☐ Final Abandonment Notice☐ Casing Repair☐ New Construction☐ Recomplete☐ Other☐ Change Plans☒ Plug and Abandon☐ Temporarily Abandon☐ Convert to Injection☐ Plug Back☐ Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundry is being submitted on behalf Tommy Bolack Minerals pursuant to Order No. 22KGR0202W (Gallo Canyon #1 Well, API 30-03-23391) and Order No. 22KGR0203a (Bolack E #4R Well, API 30-03-23435). Tommy Bolack Minerals, as current lessee of record, is doing so under protest and is not assuming any responsibilities as well operator under the leases or BLM or NMOC regulations.

Please see attached procedure and diagrams.

Received

FEB 14 2024

Farmington Field Office
Bureau of Land Management

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Title

President

Signature

Date

2-14-24

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Kenneth Rennick

Digitally signed by Kenneth Rennick
Date: 2024.02.21 11:06:37 -07'00'Petroleum Engineer
Farmington Field Office

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

M&M Production & Operation

Plug And Abandonment Procedure

Bolack E #004R

2040' FSL & 810' FEL, Section 01, 23N, 06W

Rio Arriba County, NM / API 30-039-23435

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and Bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 2.875" bit or casing scraper on 1-1/4" work string round trip as deep as possible above top perforation at 2132'.
6. P/U 2.875" CR, TIH and set CR at +/- 2082'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 2082' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Brandon Powell at Brandon.powell@state.nm.us upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.
9. Circulate wellbore with water.

NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing

10. Plug 1 (**Pictured Cliffs Perforations, and Fruitland Formation Top, 2,082'-1,792', 7 Sacks Type III Cement**)

Mix 7 sx Type III cement and spot a balanced plug inside casing to cover the Pictured Cliffs perforations, and Fruitland formation top.

11. Plug 2 (**Kirtland and Ojo Alamo Formation Tops, 1,792-1,502', 7 Sacks Type III Cement**)

Mix 7 sx Type III cement and spot a balanced plug inside casing to cover the Kirtland and Ojo Alamo formation top.

12. Plug 3 (**Surface Casing Shoe, 150'-Surface, 24 Sacks Type III Cement**)

Attempt to pressure test the bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 24 sx cement and spot a balanced plug from 150' to surface, circulate good cement out of casing valve. TOOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 150' and the annulus from the squeeze holes to surface. Shut in well and WOC.

13. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and restore location per BLM stipulations.

Existing Wellbore Diagram

M & M PRODUCTION & OPERATION

Bolack E #004R

API: 30-039-23435

Rio Arriba, New Mexico

Surface Casing

7" 26# @ 100'

OH: 9.875"

Formation tops

Ojo alamo - 1602 feet

Kirtland - 1746 ft

Fruitland - 1886 ft

Pictured Cliffs - 2132 ft

Lewis - 2224 ft

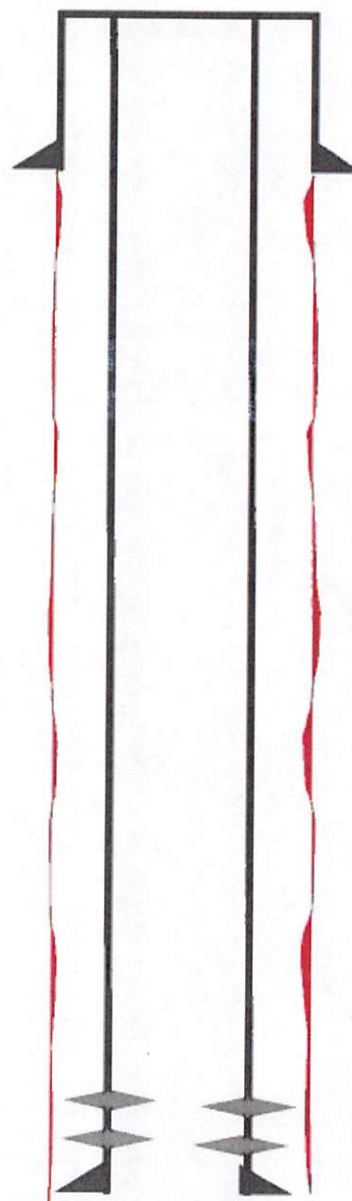
Perforations

2132 feet - 2143 feet

Production Casing

2.875" 6.5# @ 2249'

OH: 6.25"



Proposed Wellbore Diagram

M & M PRODUCTION & OPERATION

Bolack E #004R

API: 30-039-23435

Rio Arriba, New Mexico

Surface Casing

7" 26# @ 100'

OH: 9.875"

Formation tops

Ojo Alamo - 1602 feet

Kirtland - 1746 ft

Fruitland - 1886 ft

Pictured Cliffs - 2132 ft

Lewis - 2224 ft

Plug 3

150 feet - Surface

150 foot plug

24 Sacks of Type III Cement

Plug 2

1792 feet - 1502 feet

290 foot plug

7 Sacks of Type III Cement

Plug 1

2082 feet - 1792 feet

290 foot plug

7 sacks of Type III Cement

Perforations

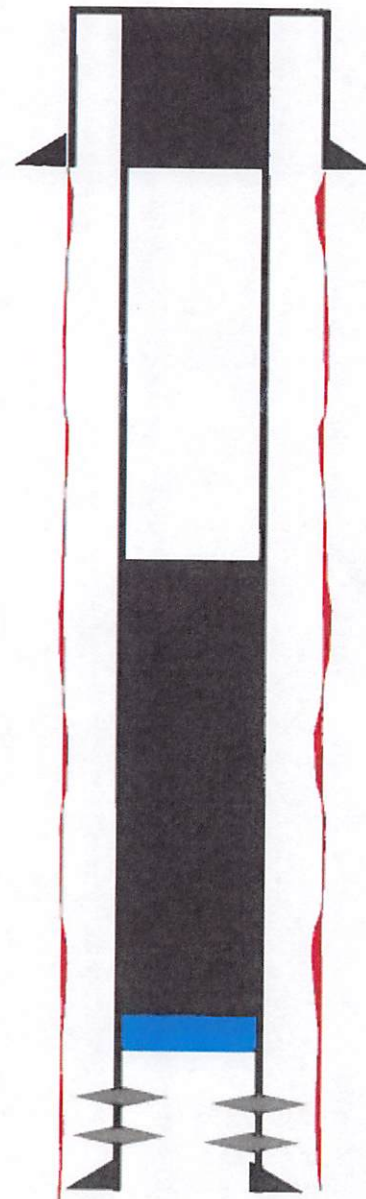
2132 feet - 2143 feet

CR @ 2082 feet

Production Casing

2.875" 6.5# @ 2249'

OH: 6.25"



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 324285

CONDITIONS

Operator: BOLACK MINERALS CO 3901 Bloomfield Hwy Farmington, NM 87401	OGRID: 2647
	Action Number: 324285
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	For record -Well is plugged - waiting on subsequent	4/2/2024