

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 July 18, 2013

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. 30-045-26102 |
| 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other | | 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 2. Name of Operator Bolack Minerals Co | | 6. State Oil & Gas Lease No. |
| 3. Address of Operator 3901 Bloomfield Hwy Farmington, NM 87401 | | 7. Lease Name or Unit Agreement Name Gallegos Canyon Unit |
| 4. Well Location Unit Letter <u>P</u> <u>1055</u> feet from the <u>S</u> line and <u>805</u> feet from the <u>E</u> line Section <u>24</u> Township <u>29N</u> Range <u>13W</u> NMPM County San Juan | | 8. Well Number <u>348</u> |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5297 | | 9. OGRID Number 2647 |
| | | 10. Pool name or Wildcat Farmington Sands |

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

| NOTICE OF INTENTION TO: | | SUBSEQUENT REPORT OF: | |
|--|---|--|---|
| PERFORM REMEDIAL WORK <input 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 checked="" 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.

Bolack Minerals Co. plugged well according to the attached EOW report and plugged WBD.

Spud Date:

Rig Release Date:

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

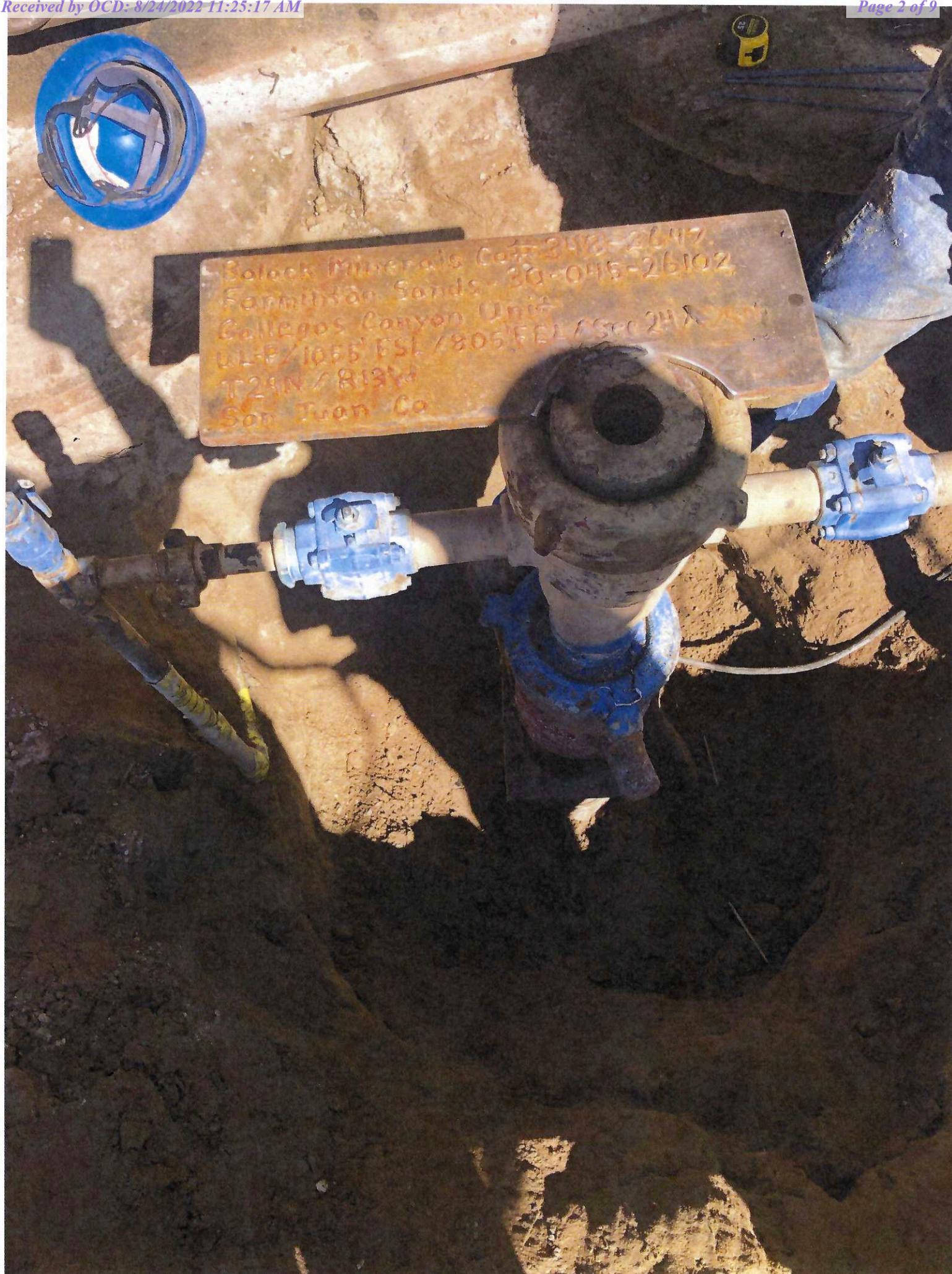
SIGNATURE Drake McCulloch TITLE Authorized Representative DATE 7/27/22

Type or print name Drake McCulloch E-mail address: drake@dwsrigs.com PHONE: 505 320 1180

For State Use Only

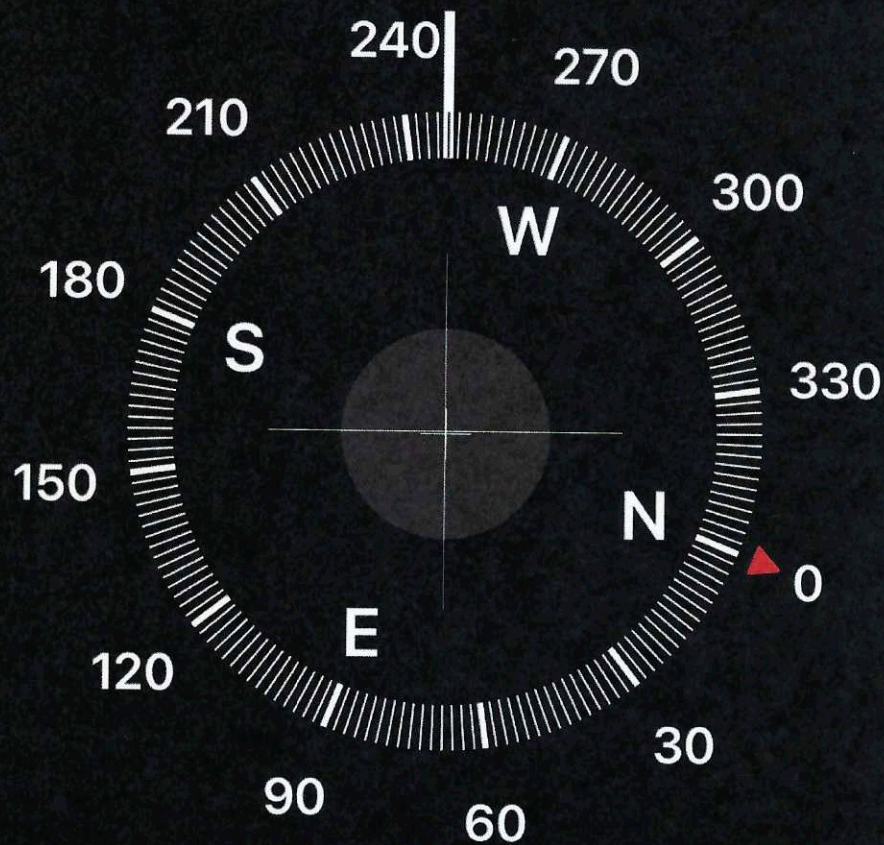
APPROVED BY: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 10/5/2022

Conditions of Approval (if any):



9:10

LTE



247° W

36°42'27" N 108°9'5" W

Farmington, NM

5300 ft Elevation

Bolack Minerals Co.

Plug And Abandonment End Of Well Report

GCU #348

1055' FSL & 805' FEL, Section 24, T29N, R13W

San Juan County, NM / API 30-045-26102

Work Summary:

- 6/9/22** Made BLM, and NMOCD P&A operations notifications at 9:00 AM MST.
- 6/10/22** MOL and R/U P&A rig. Checked well pressures: Tubing: 260 psi, Casing: 260 psi, Bradenhead: 10 psi. Bled down well. Monitored Bradenhead pressure for two hours after bleeding off and it did not build up any pressure over the two hour interval. N/D wellhead, N/U BOP and function tested. L/D 17 joints of 2-3/8" production tubing. N/D BOP. Ran 2" poly pipe down 4 1/2" production casing to 592' and tagged well TD. R/U cementing services. Circulated wellbore clean with fresh water. Circulated cement from 592'-surface and cemented poly pipe in place. WOC overnight. Secured and shut-in well for the day.
- 6/13/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Gas migration was observed coming from 4 1/2" production casing. Well will be monitored over the next few days to see if gas migration at surface dissipates. Well monitored 6/13/22-6/28/22.
- 6/28/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Due to gas migration through cement, cement will be drilled out to perforations at 380'. P/U bit and drill collar to start drilling cement out at surface. Drilled 1' of cement during the day. Secured and shut-in well for the day.

- 6/29/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 3-bladed mill and drilled 17' total for the day after drilling and cleaning out flow line. Secured and shut-in well for the day.
- 6/30/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U 3-bladed mill and drilled from 17'-45' for the day after drilling and cleaning out flow line. Secured and shut-in well for the day.
- 7/1/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mill and drilled from 45'-100' for the day after drilling and cleaning out flow line. Secured and shut-in well for the day.
- 7/2/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mill and drilled from 100'-170' for the day after drilling and cleaning out flow line. Secured and shut-in well for the day.
- 7/5/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U mill and drilled from 170'-380' for the day after drilling and cleaning out flow line. TOOH. Round tripped mill. L/D drill collars. Secured and shut-in well for the day.
- 7/6/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. P/U casing scraper, round tripped to 380'. P/U CR, TIH and set at 377'. Stung out of CR. Circulated wellbore clean. Pressure tested 4 ½" production casing to 500 psi in which it successfully held pressure. TOOH and L/D stinger nose. TIH with cementing sub to 377'. R/U cementing services. Pumped plug #1 from 377'-surface to cover the Farmington Sands perforations and formation top, Kirtland formation top, and surface casing shoe. L/D tubing to surface. WOC overnight. Secured and shut-in well for the day.
- 7/7/22** Checked well pressures: Tubing: 0 psi, Casing: 0 psi, Bradenhead: 0 psi. Bled down well. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 ½" production casing and tagged cement 28' down. Ran ¾" poly pipe down 4 ½" production casing. R/U cementing services. Topped-off 4 ½" production casing with 4 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back-filled P&A marker. R/D and MOL.

Plug Summary:

Plug #1: (Farmington Sands Perforations and Formation Top, Kirtland Formation Top, and Surface Casing Shoe 592'-Surface, 69 Sacks Type III Cement(Re-pumped 25 sx, 4 sx for Top-Off))

P/U casing scraper, round tripped to 380'. P/U CR, TIH and set at 377'. Stung out of CR. Circulated wellbore clean. Pressure tested 4 ½" production casing to 500 psi in which it successfully held pressure. TOOH and L/D stinger nose. TIH with cementing sub to 377'. R/U cementing services. Pumped plug #1 from 377'-surface to cover the Farmington Sands perforations and formation top, Kirtland formation top, and surface casing shoe. L/D tubing to surface. WOC overnight. Performed wellhead cut-off. Cement was at surface in the 8-5/8" surface casing annulus. Ran weighted tally tape down 4 ½" production casing and tagged cement 28' down. Ran ¾" poly pipe down 4 ½" production casing. R/U cementing services. Topped-off 4 ½" production casing with 4 sx of cement. Installed subsurface P&A marker per NMOCD regulations. Photographed the P&A marker in place and recorded its location via GPS coordinates. Back-filled P&A marker. R/D and MOL.

End of Well Wellbore Diagram

Bolack Minerals Co

GCU #348

API: 30-045-26102

San Juan County, New Mexico

Plug 1

592 feet - Surface

592 foot plug

69 sacks of Type III Cement

Re-pumped 25 sks and 4 sks top off

Surface Casing

7" 23# K-55 @ 105 ft

OH: 9.875"

Formation

Kirtland - 45 feet

Retainer @ 377 feet

Perforations

390 feet - 394 feet

418 feet - 424 feet

430 feet - 438 feet

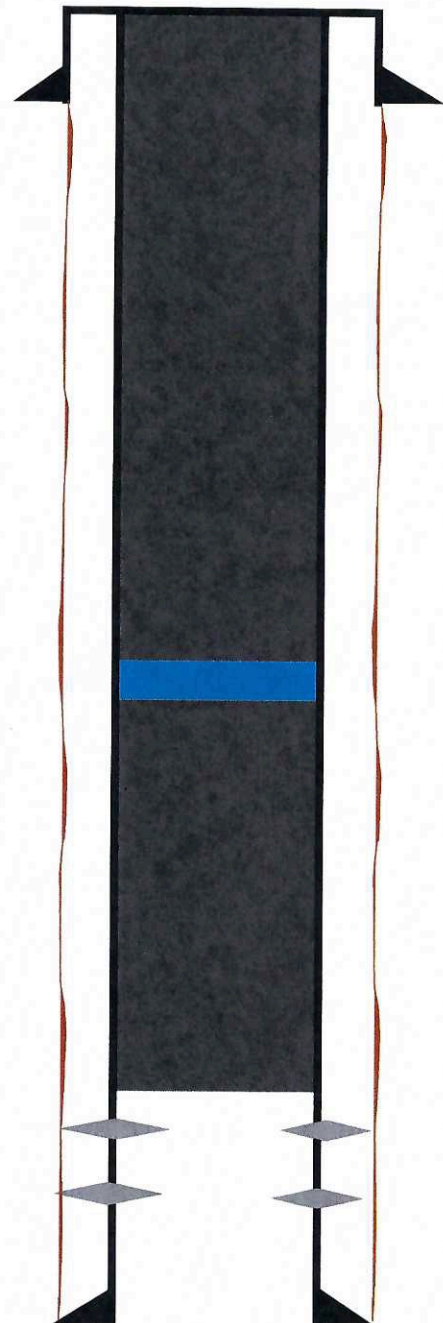
456 feet - 466 feet

506 feet - 511 feet

Production Casing

4.5" 10.5# K55 @ 630 ft

OH: 6.25"



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Phone:(505) 476-3470 Fax:(505) 476-3462

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Santa Fe, NM 87505

COMMENTS

Action 137476

COMMENTS

| | |
|--|--|
| Operator: BOLACK MINERALS CO 3901 Bloomfield Hwy Farmington, NM 87401 | OGRID: 2647 |
| | Action Number: 137476 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

COMMENTS

| Created By | Comment | Comment Date |
|------------|-------------------------------|--------------|
| mkuehling | well head set up for museum - | 10/4/2022 |

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CONDITIONS

Action 137476

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| Operator: BOLACK MINERALS CO 3901 Bloomfield Hwy Farmington, NM 87401 | OGRID: 2647 |
| | Action Number: 137476 |
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CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| mkuehling | subsurface marker was not pre approved | 9/21/2022 |
| mkuehling | well plugged 7/7/22 | 10/4/2022 |