

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

04/11/2024

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: 300392343500S1	Well Status: Abandoned	Operator: M & M PRODUCTION & OPERATION

Subsequent Report

Sundry ID: 2784513

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/11/2024

Time Sundry Submitted: 08:18

Date Operation Actually Began: 03/10/2024

Actual Procedure: See attached. Work completed March 14, 2024.

SR Attachments

Actual Procedure

SR_ABD_E_004R_3003923435_KR_20240411081630.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: Accepted

Disposition Date: 04/11/2024

Signature: Kenneth Rennick

M&M Production & Operation

Plug And Abandonment End Of Well Report

Bolack E #004R

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

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

Work Summary:

- 3/10/24** Made BLM and NMOCD P&A operations notifications at 9:00 AM MST.
- 3/11/24** Completed pre trip inspections on unit. Moved unit to location. Held safety meeting. Completed spiral gas check. Checked well pressures. Spotted equipment. R/U unit and all other equipment ND WH, NU BOP, R/U floor and equipment. Changed equipment out for 1-1/4" tubing. TOOH with 65 joints of 1-1/4". Shut in and secured well for the day.
- 3/12/24** Arrived on location. Held safety meeting. Performed spiral gas check. Checked well pressures. P/U 2-7/8" bit and scraper. TIH. Worked through tight spots from 90' to 300'. TIH to 2115'. TOOH. R/U wireline services. P/U 2-7/8" CR. TIH and set CR at 2082'. POOH. R/D wireline. TIH with tubing to 2082'. R/U cementing services. Successfully circulated well with 4 bbls, pumped 20 bbls total. Attempted to pressure test casing but was unsuccessful, fluid began coming out BH. R/D pump. TOOH. R/U wireline services. RIH and logged well. R/D wireline. TIH to 2082'. Shut in and secured well.
- 3/13/24** Arrived on location. Held safety meeting. Performed spiral gas check. Checked well pressures. R/U cementing services. Attempted to pressure test casing. Test failed. Fluid began coming out of BH. Pumped plug #1 from 2082' to 1450'. R/D cementers. L/D 20 joints and TOOH. WOC 6 hours. TIH and tagged plug #1 at 1673'. R/U cementing services. Attempted to pressure test casing but test failed. Continued pumping plug #1 from 1673' to 1300'. R/D cementers. L/D 14 joints and TOOH. Shut in and secured well.

3/14/24 Arrived on location. Held safety meeting. Performed spiral gas check. Checked well pressures. TIH and tagged plug #1 at 1138'. L/D 30 joints. R/U cementing services. Successfully circulating water down tubing to 162' and out BH with 5 bbls. Pumped 7 bbls total. Pumped plug #2 down tubing to 162' and out BH valve at surface. Shut in valve and opened casing valve. Continued pumping plug #2 down tubing from 162' to surface. R/D cementers. L/D tubing. WOC 4 hours. R/D equipment and floor. ND BOP. NU WH. Dug around WH. R/U welding unit on location. Performed WH cut off. Cement was 85' low in production casing, and 7" low in surface casing. R/U cementing services. Topped off both casing strings. Attached marker per all BLM regulations. R/D and MOL.

Plug Summary:

Plug #1: (Pictured Cliffs Perforations, Fruitland, Kirtland, and Ojo Alamo Formation Tops, 2,082'-1,138', 28 Sacks Type III Cement)

P/U 2-7/8" CR. TIH and set CR at 2082'. POOH. R/D wireline. TIH with tubing to 2082'. R/U cementing services. Successfully circulated well with 4 bbls, pumped 20 bbls total. Attempted to pressure test casing but was unsuccessful, fluid began coming out BH. R/D pump. TOOH. Logged well. R/U cementing services. Attempted to pressure test casing. Test failed. Fluid began coming out of BH. Pumped plug #1 from 2082' to 1450'. R/D cementers. L/D 20 joints and TOOH. WOC 6 hours. TIH and tagged plug #1 at 1673'. R/U cementing services. Attempted to pressure test casing but test failed. Continued pumping plug #1 from 1673' to 1300'. R/D cementers. L/D 14 joints and TOOH. TIH and tagged plug #1 at 1138'.

Plug #2: (Surface Casing Shoe, 162'-Surface, 29 Sacks Type III Cement (13 sx for top off))

L/D tubing to 162'. R/U cementing services. Successfully circulating water down tubing to 162' and out BH with 5 bbls. Pumped 7 bbls total. Pumped plug #2 down tubing to 162' and out BH valve at surface. Shut in valve and opened casing valve. Continued pumping plug #2 down tubing from 162' to surface. R/D cementers. L/D tubing. WOC 4 hours. R/D equipment and floor. ND BOP. NU WH. Dug around WH. R/U welding unit on location. Performed WH cut off. Cement was 85' low in production casing, and 7" low in surface casing. R/U cementing services. Topped off both casing strings. Attached marker per all BLM regulations. R/D and MOL.

Completed 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 2

162 feet - Surface

162 foot plug

29 Sacks of Type III Cement

Plug 1

2082 feet - 1138 feet

944 foot plug

28 Sacks of Type III Cement

Perforations

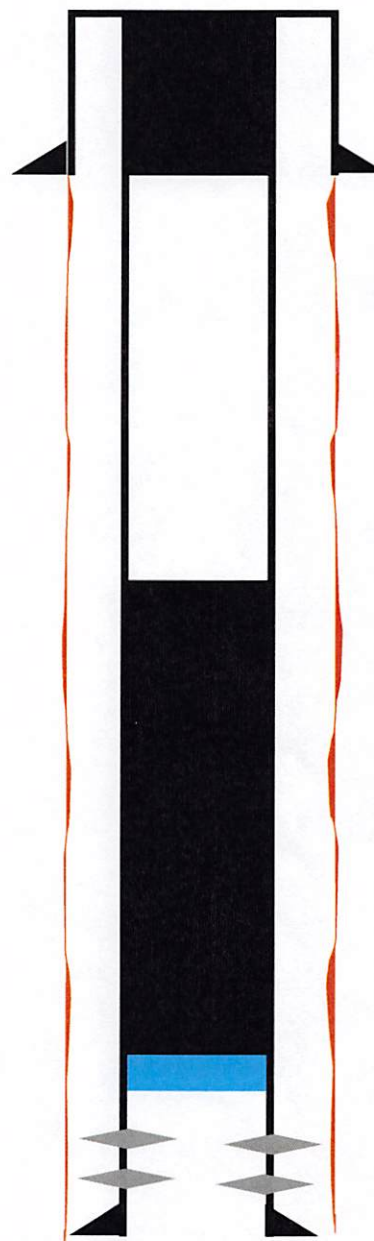
2132 feet - 2143 feet

CR @ 2082 feet

Production Casing

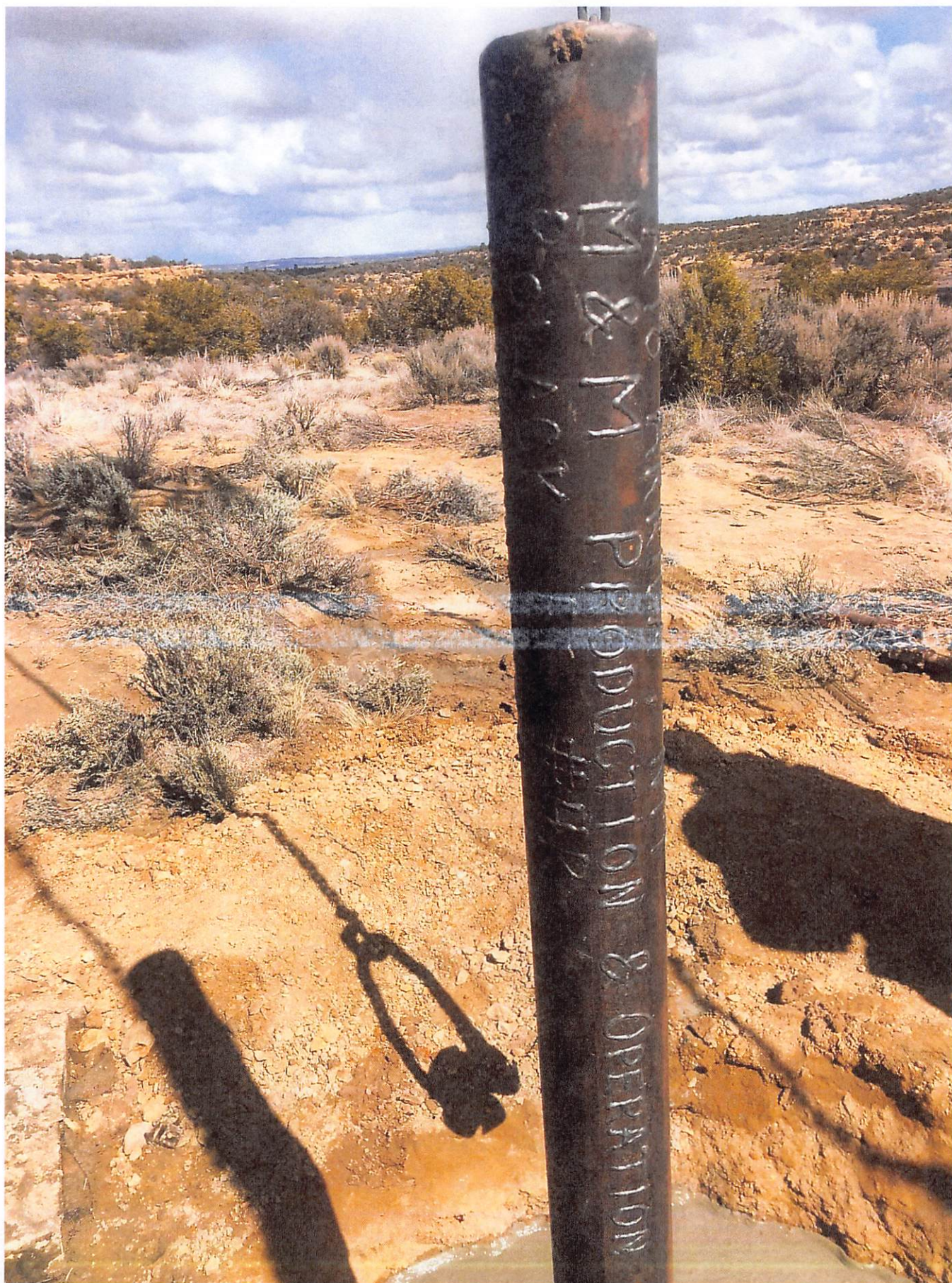
2.875" 6.5# @ 2249'

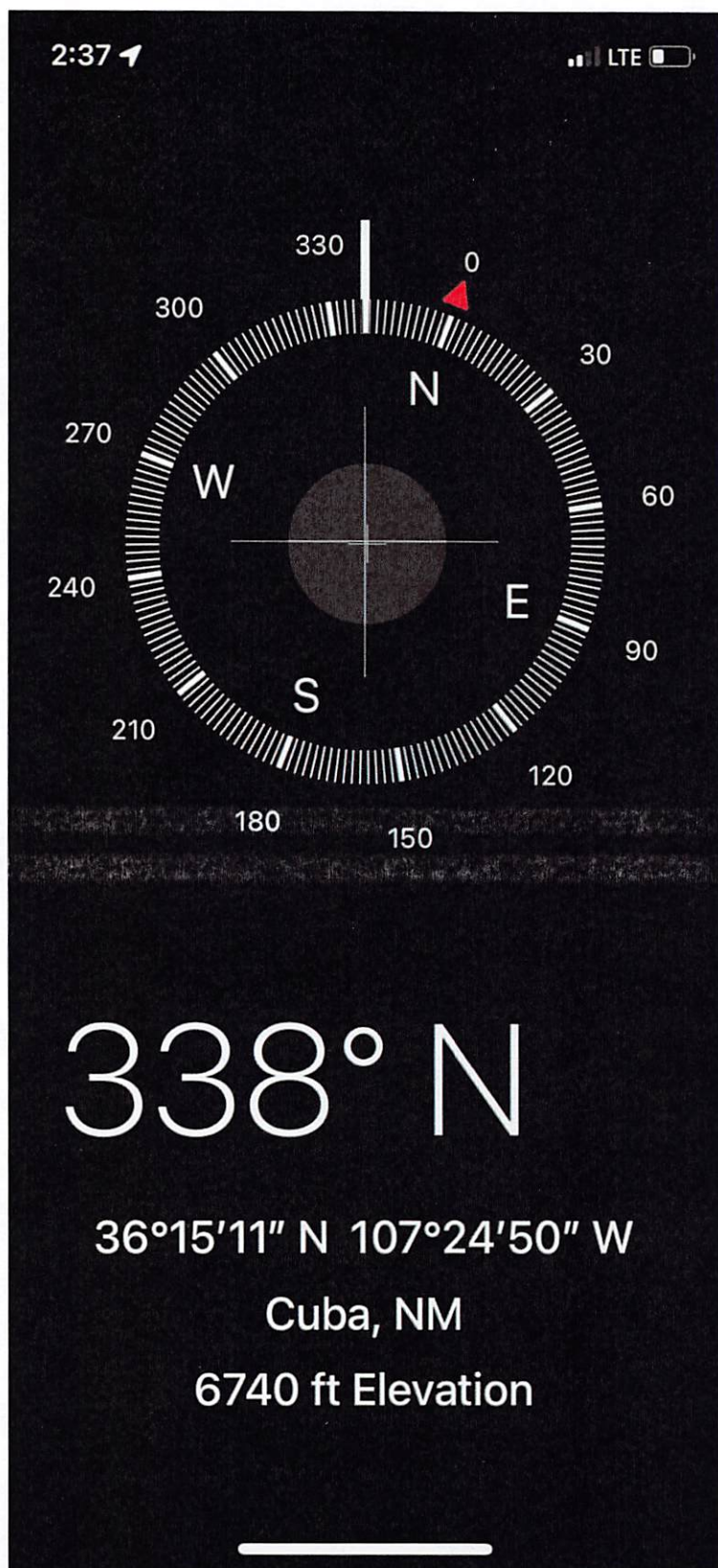
OH: 6.25"











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

CONDITIONS

Action 332383

CONDITIONS

Operator: BOLACK MINERALS CO 3901 Bloomfield Hwy Farmington, NM 87401	OGRID: 2647
	Action Number: 332383
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	NOTE: This well was plugged 3-14-2024 without prior approval or notification by NMOCD. BLM NOI approval was dated 2-21-2024. NMOCD recieved the NOI for plugging on 4-11-2024.	6/5/2024