

<b>Well Name:</b> LOS VAQUEROS FED	<b>Well Location:</b> T26S / R35E / SEC 30 / NENW / 32.0209796 / -103.4085021	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 462H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM0629320, NMNM62932	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002549577	<b>Operator:</b> EARTHSTONE OPERATING LLC	

**Subsequent Report**

**Sundry ID:** 2772177

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 01/29/2024

**Time Sundry Submitted:** 07:51

**Date Operation Actually Began:** 10/16/2023

**Actual Procedure:** 10/11/2023 - NOTIFIED BLM OF INTENT TO SPUD WELL 10/15/2023- SPUD WELL 10/16/2023 - DRILL 14.75" SURFACE HOLE TO 1162' MD -NOTIFY BLM OF INTENT TO RUN & CMNT 10.75" SURFACE CASING 10/17/2023- RUN 28 JTS, 10.75", 45.5#, J-55 BTC CSG SET @ 1162' MD -CEMENT 10.75" SURFACE CASING LEAD - 134 BBLs (295 SXS) CLASS C @ 2.55 YIELD TAIL - 118 BBLs (495 SXS) CLASS C @ 1.34 YIELD \*CIRCULATED 100 BBLs (220 SXS) CEMENT TO SURFACE -WOC 8 HOURS -RIG RELEASED & CEASE DRILLING OPERATIONS 11/5/2023 - NOTIFY BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS -TEST BOP; RAM, CHOKE, VALVES; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST -TEST ANNULAR; 250 LOW/3500 HIGH; 10 MIN; GOOD TEST -PRESSURE TEST 10.75" SURFACE CASING; 1500 PSI, 30 MIN, GOOD TEST 11/6/2023-BEGIN DRILLING 9.875" INTERMEDIATE HOLE 11/8/2023-DRILL 9.875" INTERMEDIATE HOLE TO 7877' MD -BEGIN DRILLING 8.75" INTERMEDIATE HOLE 11/14/2023-DRILL 9.875"/8.75" INTERMEDIATE HOLE TO 12,112' MD 11/15/2023-NOTIFY BLM OF INTENT TO RUN & CEMENT INTERMEDIATE CASING 11/15-11/16/2023-RUN 110 JTS, 7.625" 29.7#, MO-FXL CSG & 186 JTS, 7.625", 29.7#, P-110 BTC CSG SET @ 12,102' MD W/DV TOOL SET @ 5301' MD 11/16/2023 - CEMENT 7.625" INTERMEDIATE CASING STAGE 1 LEAD - 343 BBLs (685 SXS) CLASS C @ 2.81 YIELD TAIL - 38 BBLs (200 SXS) CLASS C @ 1.06 YIELD -DROP BOMB; WAIT 30 MIN, PRESSURE UP TO 727 PSI TO OPEN DV TOOL; PUMP 150 BBLs CMNT OFF TOP OF DV TOOL -WAITING ON CEMENT TO PUMP 2ND STAGE CEMENT JOB 11/17/2023 - PUMP 2ND STAGE CEMENT JOB LEAD-524 BBLs (1355 SXS) CLASS C @ 2.17 YIELD TAIL-35 BBLs (150 SXS) CLASS C @ 1.32 YIELD \*CIRCULATED 175 BBLs (452 SXS) CEMENT TO SURFACE -RELEASED RIG & CEASED DRILLING OPERATIONS 12/15/2023- NOTIFIED BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS 12/16/2023 - TEST BOP; RAM, CHOKE, VALVES; 250 LOW/10,000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST 12/17/2023 - PRESSURE TEST 7.625" INTERMEDIATE CASING TO 1500 PSI; 30 MIN; GOOD TEST -BEGIN DRILLING 6.75" PRODUCTION HOLE 12/29/2023 - DRILL 6.75"

Well Name: LOS VAQUEROS FED

Well Location: T26S / R35E / SEC 30 / NENW / 32.0209796 / -103.4085021

County or Parish/State: LEA / NM

Well Number: 462H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0629320, NMNM62932

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002549577

Operator: EARTHSTONE OPERATING LLC

PRODUCTION HOLE TO 24,315' TD 12/30/2023 - NOTIFY BLM OF INTENT TO RUN & CMNT 5.0" X 5.5" PRODUCTION CASING 12/31/2023 - RUN 277 JTS, 5.5", 23# P-110 GBCD CSG TO 11,586' MD -RUN 279 JTS, 5.0" 18# P-110 EC DWC/C-1 ST PROD CSG SET @ 24,315' MD 01/10/2023 - CEMENT PRODUCTION CASING LEAD-222 BBLs (645 SXS) CLASS H @ 1.93 YIELD TAIL-328 BBLs (1335 SXS) CLASS H @ 1.18 YIELD W/ESTIMATED TOC @ 909' MD -RIG RELEASED

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JENNIFER ELROD

Signed on: JAN 29, 2024 07:51 AM

Name: EARTHSTONE OPERATING LLC

Title: Senior Regulatory Analyst

Street Address: 300 N MARIENFIELD STREET SUITE 1000

City: MIDLAND

State: TX

Phone: (940) 452-6214

Email address: JENNIFER.ELROD@PERMIANRES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 02/06/2024

Signature: Jonathon Shepard

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**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. **NMNM62932**

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 **EARTHSTONE OPERATING LLC**

3a. Address **300 N MARIENFIELD STREET SUITE 1000, MID**    3b. Phone No. (include area code)  
**(432) 695-4222**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
**SEC 30/T26S/R35E/NMP**

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

8. Well Name and No. **LOS VAQUEROS FED/462H**

9. API Well No. **3002549577**

10. Field and Pool or Exploratory Area  
**SANDERS TANK/WOLFCAMP**

11. Country or Parish, State  
**LEA/NM**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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.)

10/11/2023 - NOTIFIED BLM OF INTENT TO SPUD WELL  
 10/15/2023- SPUD WELL  
 10/16/2023 - DRILL 14.75" SURFACE HOLE TO 1162' MD  
 -NOTIFY BLM OF INTENT TO RUN & CMNT 10.75" SURFACE CASING  
 10/17/2023- RUN 28 JTS, 10.75", 45.5#, J-55 BTC CSG SET @ 1162' MD  
 -CEMENT 10.75" SURFACE CASING  
 LEAD - 134 BBLS (295 SXS) CLASS C @ 2.55 YIELD  
 TAIL - 118 BBLS (495 SXS) CLASS C @ 1.34 YIELD  
 \*CIRCULATED 100 BBLS (220 SXS) CEMENT TO SURFACE  
 -WOC 8 HOURS  
 -RIG RELEASED & CEASE DRILLING OPERATIONS  
 11/5/2023 - NOTIFY BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS  
 Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**JENNIFER ELROD / Ph: (940) 452-6214**

Signature (Electronic Submission)

Title **Senior Regulatory Analyst**

Date **01/29/2024**

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by  
**JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted**

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.

Title **Petroleum Engineer**

Office **CARLSBAD**

Date **02/07/2024**

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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Additional Remarks

-TEST BOP; RAM, CHOKE, VALVES; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST

-TEST ANNULAR; 250 LOW/3500 HIGH; 10 MIN; GOOD TEST

-PRESSURE TEST 10.75" SURFACE CASING; 1500 PSI, 30 MIN, GOOD TEST

11/6/2023-BEGIN DRILLING 9.875" INTERMEDIATE HOLE

11/8/2023-DRILL 9.875" INTERMEDIATE HOLE TO 7877' MD

-BEGIN DRILLING 8.75" INTERMEDIATE HOLE

11/14/2023-DRILL 9.875"/8.75" INTERMEDIATE HOLE TO 12,112' MD

11/15/2023-NOTIFY BLM OF INTENT TO RUN & CEMENT INTERMEDIATE CASING

11/15-11/16/2023-RUN 110 JTS, 7.625" 29.7#, MO-FXL CSG & 186 JTS, 7.625", 29.7#, P-110 BTC CSG SET @ 12,102' MD W/DV TOOL SET @ 5301' MD

11/16/2023 - CEMENT 7.625" INTERMEDIATE CASING STAGE 1

LEAD - 343 BBLS (685 SXS) CLASS C @ 2.81 YIELD

TAIL - 38 BBLS (200 SXS) CLASS C @ 1.06 YIELD

-DROP BOMB; WAIT 30 MIN, PRESSURE UP TO 727 PSI TO OPEN DV TOOL; PUMP 150 BBLS CMNT OFF TOP OF DV TOOL

-WAITING ON CEMENT TO PUMP 2ND STAGE CEMENT JOB

11/17/2023 - PUMP 2ND STAGE CEMENT JOB

LEAD-524 BBLS (1355 SXS) CLASS C @ 2.17 YIELD

TAIL-35 BBLS (150 SXS) CLASS C @ 1.32 YIELD

\*CIRCULATED 175 BBLS (452 SXS) CEMENT TO SURFACE

-RELEASED RIG & CEASED DRILLING OPERATIONS

12/15/2023- NOTIFIED BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS

12/16/2023 - TEST BOP; RAM, CHOKE, VALVES; 250 LOW/10,000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST

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01/10/2023 - CEMENT PRODUCTION CASING

LEAD-222 BBLS (645 SXS) CLASS H @ 1.93 YIELD

TAIL-328 BBLS (1335 SXS) CLASS H @ 1.18 YIELD

W/ESTIMATED TOC @ 909' MD

-RIG RELEASED

### Location of Well

0. SHL: NENW / 211 FNL / 2061 FWL / TWSP: 26S / RANGE: 35E / SECTION: 30 / LAT: 32.0209796 / LONG: -103.4085021 ( TVD: 0 feet, MD: 0 feet )

PPP: NENE / 100 FNL / 2310 FWL / TWSP: 26S / RANGE: 35E / SECTION: 30 / LAT: 32.0212828 / LONG: -103.4066013 ( TVD: 12518 feet, MD: 12550 feet )

BHL: LOT 3 / 0 FSL / 2310 FWL / TWSP: 26S / RANGE: 35E / SECTION: 31 / LAT: 32.0003172 / LONG: -103.4066014 ( TVD: 12767 feet, MD: 20286 feet )

CONFIDENTIAL

**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**

COMMENTS

Action 334107

**COMMENTS**

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 334107
	Action Type: [C-103] Sub. Drilling (C-103N)

**COMMENTS**

Created By	Comment	Comment Date
matthew.gomez	Operator clarified rig release date as 01/01/2024.	8/12/2024

**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 334107

**CONDITIONS**

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 334107
	Action Type: [C-103] Sub. Drilling (C-103N)

**CONDITIONS**

Created By	Condition	Condition Date
matthew.gomez	PT details for the production casing must be submitted on the next drilling sundry.	8/12/2024