

Well Name: LOS VAQUEROS FED	Well Location: T26S / R35E / SEC 30 / NENW / 32.0209796 / -103.4085987	County or Parish/State: LEA / NM
Well Number: 522H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0629320, NMNM62932	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549573	Operator: EARTHSTONE OPERATING LLC	

Subsequent Report

Sundry ID: 2772511

Type of Submission: Subsequent Report

Date Sundry Submitted: 01/30/2024

Date Operation Actually Began: 10/21/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 10:29

Actual Procedure: 10/07/2023-NOTIFY BLM OF INTENT TO SPUD WELL 10/21/2023-SPUD WELL 10/22/2023-NOTIFIED BLM OF INTENT TO RUN & CEMENT 10.75" SURFACE CASING 10/23/2023-DRILL 14.75" SURFACE HOLE TO 1155' MD -RUN 28 JTS, 10.75", 45.5#, J-55 BTC CSG SET @ 1154' MD -CEMENT 10.75" SURACE 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 -PRESSURE TEST 10.75" SURFACE CASING TO 1500 PSI; 30 MIN; GOOD TEST -WOC 8 HOURS -RELEASE RIG & CEASE DRILLING OPERATIONS 11/28/2023-NOTIFIED BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS -TEST BOP; RAM, CHOKE, VALVE; 250 LOW/5000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST -TEST ANNULAR; 250 LOW/3500 HIGH; 10 MIN; GOOD TEST 11/29/2023-BEGIN DRILLING 9.875" INTERMEDIATE HOLE 11/30/2023 - END 9.875" HOLE @ 8120' MD - BEGIN DRILLING 8.75" INTERMEDIATE HOLE 12/05/2023-DRILL 8.75" INTERMEDIATE HOLE TO 12,130' MD 12/06/2023-NOTIFIED BLM OF INTENT TO RUN & CEMENT 7.625" INTERMEDIATE CASING 12/06-12/07/2023 - RUN 107 JTS, 29.7#, P-110 MO-FXL CSG & RUN 187 JTS, 7.625", 29.7# P-110 BTC CSG SET @ 12,116' MD 12/7/2023-CEMENT 7.625" INTERMEDIATE CASING LEAD - 522 BBLS (960 SXS) CLASS C @ 3.23 YIELD TAIL - 30 BBLS (145 SXS) CLASS C @ 1.18 YIELD *CIRCULATED 80 BBLS (139 SXS) CEMENT TO SURFACE -PRESSURE TEST 7.625" INTERMEDIATE CASING TO 2665' PSI, 30 MIN; GOOD TEST -RELEASE RIG & CEASE DRILLING OPERATIONS

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Lease Number: NMNM0629320, NMNM62932	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549573	Operator: EARTHSTONE OPERATING LLC	

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 30, 2024 10:29 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	

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Lease Number: NMNM0629320, NMNM62932	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549573	Operator: EARTHSTONE OPERATING LLC	

Subsequent Report

Sundry ID: 2774345

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 02/08/2024

Time Sundry Submitted: 04:11

Date Operation Actually Began: 01/16/2024

Actual Procedure: 01/16/2024-NOTIFY BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS 01/16-01/17/2024-TEST BOP; RAMS, CHOKE, VALVES; 250 LOW/10000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST - TEST ANNULAR; 250 LOW/5000 HIGH; 10 MIN EA. TEST; ALL GOOD TEST 01/17/2024-BEGIN DRILLING 6.75" PRODUCTION HOLE 01/29/2024-DRILL 6.75" PRODUCTION HOLE TO 23,778' TOTAL DEPTH 01/30/2024-NOTIFIED BLM OF INTENT TO RUN 5.0" X 5.5" PRODUCTION CASING 01/31/2024-RUN 5.5", 23#, P-110 CSG TO 11,670' MD - RUN 5.0", 18.0#, P-110 CSG SET @ 23,777' MD -NOTIFIED BLM OF INTENT TO CEMENT PRODUCTION CASING 02/01/2024-CEMENT PRODUCTION CASING LEAD-225 BBLS (705 SXS) CLASS H @ 1.79 YIELD TAIL-314 BBLS (1285 SXS) CLASS H @ 1.37 YIELD *CIRCULATED 5 BBLS (16 SXS) CEMENT TO SURFACE 02/02/2024- RIG RELEASED

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Well Number: 522H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0629320, NMNM62932	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002549573	Operator: EARTHSTONE OPERATING LLC	

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: FEB 08, 2024 04:11 PM
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: 02/21/2024
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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM62932
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. LOS VAQUEROS FED/522H
2. Name of Operator EARTHSTONE OPERATING LLC		9. API Well No. 3002549573
3a. Address 300 N MARIENFIELD STREET SUITE 1000, MID	3b. Phone No. (include area code) (432) 695-4222	10. Field and Pool or Exploratory Area Jabalina/Wolfcamp
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 30/T26S/R35E/NMP		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 detennined that the site is ready for final inspection.)

01/16/2024-NOTIFY BLM OF INTENT TO TEST BOP & RESUME DRILLING OPERATIONS
01/16-01/17/2024-TEST BOP; RAMS, CHOKE, VALVES; 250 LOW/10000 HIGH; 10 MIN EACH TEST; ALL GOOD TEST
-TEST ANNULAR; 250 LOW/5000 HIGH; 10 MIN EA. TEST; ALL GOOD TEST
01/17/2024-BEGIN DRILLING 6.75" PRODUCTION HOLE
01/29/2024-DRILL 6.75" PRODUCTION HOLE TO 23,778' TOTAL DEPTH
01/30/2024-NOTIFIED BLM OF INTENT TO RUN 5.0" X 5.5" PRODUCTION CASING
01/31/2024-RUN 5.5", 23#, P-110 CSG TO 11,670' MD
-RUN 5.0", 18.0#, P-110 CSG SET @ 23,777' MD
-NOTIFIED BLM OF INTENT TO CEMENT PRODUCTION CASING
02/01/2024-CEMENT PRODUCTION CASING
LEAD-225 BBLS (705 SXS) CLASS H @ 1.79 YIELD
TAIL-314 BBLS (1285 SXS) CLASS H @ 1.37 YIELD
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	Title Senior Regulatory Analyst
Signature (Electronic Submission)	Date 02/08/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by JONATHON W SHEPARD / Ph: (575) 234-5972 / Accepted	Title Petroleum Engineer	Date 02/22/2024
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 CARLSBAD	

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

*CIRCULATED 5 BBLS (16 SXS) CEMENT TO SURFACE

02/02/2024- RIG RELEASED

Location of Well

0. SHL: NENW / 211 FNL / 2011 FWL / TWSP: 26S / RANGE: 35E / SECTION: 30 / LAT: 32.0209796 / LONG: -103.4085987 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 100 FNL / 1914 FWL / TWSP: 26S / RANGE: 35E / SECTION: 30 / LAT: 32.0212865 / LONG: -103.4089436 (TVD: 10564 feet, MD: 10575 feet)

BHL: LOT 3 / 10 FSL / 1914 FWL / TWSP: 26S / RANGE: 35E / SECTION: 31 / LAT: 32.0003168 / LONG: -103.4089432 (TVD: 10830 feet, MD: 18308 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

CONDITIONS

Action 334108

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 334108
	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