

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.
6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator	8. Well Name and No.
3a. Address	9. API Well No.
3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)	11. Country or Parish, State

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 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 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.)

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

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

Approved by	Title	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)

## 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

### Location of Well

0. SHL: NWNW / 306 FNL / 309 FWL / TWSP: 20S / RANGE: 32E / SECTION: 24 / LAT: 32.565085 / LONG: -103.727341 ( TVD: 0 feet, MD: 0 feet )  
PPP: NWNW / 0 FNL / 335 FWL / TWSP: 20S / RANGE: 32E / SECTION: 36 / LAT: 32.536868 / LONG: -103.727235 ( TVD: 9072 feet, MD: 19300 feet )  
PPP: NWNW / 0 FNL / 330 FWL / TWSP: 20S / RANGE: 32E / SECTION: 25 / LAT: 32.551365 / LONG: -103.727245 ( TVD: 8998 feet, MD: 14000 feet )  
PPP: NWSW / 2642 FNL / 333 FWL / TWSP: 20S / RANGE: 32E / SECTION: 24 / LAT: 32.55864 / LONG: -103.727251 ( TVD: 8690 feet, MD: 11300 feet )  
PPP: SWNW / 1327 FNL / 334 FWL / TWSP: 20S / RANGE: 32E / SECTION: 24 / LAT: 32.562277 / LONG: -103.727253 ( TVD: 8943 feet, MD: 10000 feet )  
BHL: SWNW / 2631 FNL / 335 FWL / TWSP: 20S / RANGE: 32E / SECTION: 36 / LAT: 32.5296581 / LONG: -103.72723 ( TVD: 9107 feet, MD: 21880 feet )

CONFIDENTIAL

API # 30-025-4xxxx

Updated: 11/22/2022

TVD ft-RKB	Geological Tops	Wellbore Sketch	Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs
1,000'	1100.5 Rustler 1350.5 Salado		17 -1/2"	Surface 13-3/8" 54.4# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 38 - 40 Vis 8 - 10 PV 8 - 10 YP	Top of Lead: Surface 12.8 ppg 2.01 cuft/sk 360 sks - 65% XS Top of Tail: 625' 14.8 ppg 1.33 cuft/sk 420 sks - 50% XS	NA
2,000'	2700.5 Base Salt		12-1/4"	1st Intermediate 10-3/4" 45.5# HCL-80 BTC *** Special Clearance Coupling ***	Saturated Brine 10.0 - 10.2 ppg 28 - 32 Vis 1 - 3 PV 1 - 3 YP	Top of Lead: Surface 12.8 ppg 2.01 cuft/sk 350 sks - 65% XS Top of Tail: 2,500' 14.8 ppg 1.33 cuft/sk 130 sks - 50% XS	NA
3,000'	3691 Capitan Reef		9 7/8"	2nd Intermediate 8-5/8" 32# L80 EHC MO-FXL	Fresh Water 8.4 ppg 28 - 32 Vis 1 - 3 PV 1 - 3 YP	1st Stage Top of Lead: 3,591' 10.3 ppg 3.60 cuft/sk 80 sks - 75% XS Top of Tail: 4,786' 14.8 ppg 1.33 cuft/sk 100 sks - 50% XS 2nd Stage Top of Lead: Surface 11.3 ppg 2.43 cuft/sk 180 sks - 65% XS Top of Tail: 3,091' 14.8 ppg 1.33 cuft/sk 80 sks - 50% XS	NA
4,000'	5260.5 Bell Canyon		5,286'	7-7/8"	Production 5-1/2" 20# P110 RY VARN	Curve & Lateral OBM 9.3 - 9.8 ppg 15 - 20 PV 8 - 12 YP	Top of Lead: 3,091' 11.3 ppg 2.62 cuft/sk 450 sks - 10% XS Top of Tail: 7,957' 13.2 ppg 1.82 cuft/sk 1,790 sks - 35% XS
5,000'	5701 Cherry Canyon	KOP - 8457' MD 8452' TVD LP - 9215' MD 8932' TVD					
6,000'	6267.5 Brushy Canyon						
7,000'	7880.5 Top BSPG Lime 8915.5 1st BSPG Ss 8965.5 Target LP						
8,000'							
9,000'							21,880' MD 9,107' TVD

<b>Well Name:</b> PAKSE SOUTH FED COM	<b>Well Location:</b> T20S / R32E / SEC 24 / NWNW /	<b>County or Parish/State:</b>
<b>Well Number:</b> 111H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM77055	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 3002550824	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> EARTHSTONE OPERATING LLC

**Notice of Intent**

**Sundry ID:** 2705725

**Type of Submission:** Notice of Intent

**Type of Action:** APD Change

**Date Sundry Submitted:** 12/02/2022

**Time Sundry Submitted:** 03:24

**Date proposed operation will begin:** 12/02/2022

**Procedure Description:** 30-025-50824 SUNDRY TO DEEPEN INTERMEDIATE #2 CASING POINT; REVISE TYPE OF PROD CASING USED INTERMEDIATE #2 CASING POINT FROM: 4700' TO: 5286' W/ DV TOOL @ 3591' PRODUCTION CASING FROM: 17# P-110 LTC TO: 20# P-110 RY VARN

**NOI Attachments**

**Procedure Description**

5.50\_20\_\_VAHC\_P110\_RY\_VARN\_AC\_\_6.300\_Cplg\_\_20221202152357.pdf

Casing\_Calculator\_\_Paske\_South\_Fed\_Com\_111H\_20221202152332.pdf

ESTE\_Energy\_\_Paske\_South\_Fed\_Com\_111H\_\_WBD\_20221202152332.pdf

**Well Name:** PARSE SOUTH FED COM      **Well Location:** T20S / R32E / SEC 24 / NWNW /      **County or Parish/State:**

**Well Number:** 111H      **Type of Well:** OIL WELL      **Allottee or Tribe Name:**

**Lease Number:** NMNM77055      **Unit or CA Name:**      **Unit or CA Number:**

**US Well Number:** 3002550824      **Well Status:** Approved Application for Permit to Drill      **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:** DEC 02, 2022 03:24 PM

**Name:** EARTHSTONE OPERATING LLC

**Title:** Senior Regulatory Technician

**Street Address:** 1400 WOODLOCH FOREST DR STE 300

**City:** THE WOODLANDS      **State:** TX

**Phone:** (817) 953-3728

**Email address:** JELROD@EARTHSTONEENERGY.COM

**Field**

**Representative Name:**

**Street Address:**

**City:**      **State:**      **Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** CHRISTOPHER WALLS      **BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234      **BLM POC Email Address:** cwalls@blm.gov

**Disposition:** Approved      **Disposition Date:** 02/21/2023

**Signature:** Chris Walls

**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 188779

**CONDITIONS**

Operator: Earthstone Operating, LLC 1400 Woodloch Forest; Ste 300 The Woodlands, TX 77380	OGRID: 331165
	Action Number: 188779
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	3/9/2023