

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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. NMNM0540294A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No. PHILLY FEDERAL/1

9. API Well No. 3001521163

10. Field and Pool or Exploratory Area  
CARLSBAD/CARLSBAD11. Country or Parish, State  
EDDY/NM

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, MICHIGAN 48106  
3b. Phone No. (include area code) (432) 695-42224. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 21/T23S/R26E/NMP

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 checked="" 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 recompleat 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 recompleat 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.)

1) SET 7" CIBP @ 11,500'; CIRC. WELL W/ M.L.F.; PRES. TEST 7" CSG. X CIBP TO 500# X HOLD. 2) PUMP (100) SXS. CLASS "H" CMT. @ 11,500'-10,988' (T/MRRW.); WOC X TAG TOC. 3) PUMP (90) SXS. CLASS "H" CMT. @ 10,775'-10,385' (T/ATOKA, T/STWN.); WOC X TAG TOC. 4) PUMP (50) SXS. CLASS "H" CMT. @ 8,935'-8,755' (T/WLCP.); WOC X TAG TOC. 5) PERF. X ATTEMPT TO SQZ. (65) SXS. CLASS "C" CMT. @ 5,420'-5,270' (T/BNSG.). 6) PERF. X ATTEMPT TO SQZ. (55) SXS. CLASS "C" CMT. @ 2,823'-2,703' (9-5/8" CSG.SHOE); WOC X TAG TOC. 7) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,940'-1,830' (T/DLWR.). 8) PERF. X ATTEMPT TO SQZ. (90) SXS. CLASS "C" CMT. @ 657'-445' (9-5/8" CSG.SHOE, T/REEF); WOC X TAG TOC. 9) PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (40) SXS. CLASS "C" CMT. @ 100'-3'. 10) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER. DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

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

DAVID EYLER / Ph: (432) 687-3033

Agent

Title

Signature (Electronic Submission)

Date

01/12/2024 01/06/2024

Accepted for record -NMOCD gc1/19/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KEITH P IMMATTY / Ph: (575) 988-4722 / Approved

ENGINEER

Title

01/12/2024

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 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)

## Additional Information

### Location of Well

O. SHL: SENE / 1980 FNL / 660 FEL / TWSP: 23S / RANGE: 26E / SECTION: 21 / LAT: 32.2914734 / LONG: -104.2918167 ( TVD: 0 feet, MD: 0 feet )

BHL: SENE / 1980 FNL / 660 FEL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

- 1) SET 7" CIBP @ 11,500'; CIRC. WELL W/ M.L.F.; PRES. TEST 7" CSG. X CIBP TO 500# X HOLD. **30mins**
- 2) PUMP (125) SXS. CLASS "H" CMT. @ 11,480'-10,877' (T/MRRW.); WOC X TAG TOC.
- 3) PUMP (90) SXS. CLASS "H" CMT. @ 10,775'-10,385' (T/ATOKA, T/STWN.); WOC X TAG TOC.
- 4) PUMP (50) SXS. CLASS "H" CMT. @ 8,935'-8,705' (T/WLCP.); WOC X TAG TOC.
- 5) PERF. X ATTEMPT TO SQZ. (65) SXS. CLASS "C" CMT. @ 5,420'-5,240' (T/BNSG.). **Tag and verify**
- 6) PERF. X ATTEMPT TO SQZ. (55) SXS. CLASS "C" CMT. @ 2,823'-2,685' (9-5/8" CSG.SHOE); WOC X TAG TOC.
- 7) PERF. X ATTEMPT TO SQZ. (50) SXS. CLASS "C" CMT. @ 1,940'-1,815' (T/DLWR.). **Tag and verify**
- 8) PERF. X ATTEMPT TO SQZ. (190) SXS. CLASS "C" CMT. @ 657'-**Surface**' (9-5/8" CSG.SHOE, T/REEF); ~~WOC X TAG TOC.~~
- 9) ~~PERF. X CIRC. TO SURF., FILLING ALL ANNULI, (40) SXS. CLASS "C" CMT. @ 100'-3'.~~

**High cave karst area. 500' surface plug needed. Combined shoe plug with surface plug.**

- 10) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; VERIFY CMT. TO SURF. ON ALL ANNULI; WELD ON STEEL PLATE TO CSGS. X INSTALL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE A CLOSED-LOOP SYSTEM W/ A STEEL TANK AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15.17.

KEITH  
IMMATTY

Digitally signed by  
KEITH IMMATTY  
Date: 2024.01.12  
10:55:17 -07'00'



**(3 STRING CSNG)**

OPERATOR EARTHSTONE OPERATING, LLC  
LEASENAME PHILLY FEDERAL

SECT 21 TWN 23S RNG 26E  
FROM 1980 (N) S L 660 (E) W L  
TD: 12,150 FORMATION @ TD  
PBTD: FORMATION @ PBTD

TD 12,150

	SIZE	SET @	TOC	TOC DETERMINED BY	
SURFACE	13-3/8"	607'	SURF.	CIRC.	
INTMD 1	9-5/8"	2,763'	SURF.	CIRC.	
INTMD 2					
PROD	7"	12,150'	5,800'	CALC.	
	SIZE	TOP	BOT	TOC	DETERMINED BY
LINER 1					
LINER 2					
	CUT & PULL @			TOP - BOTTOM	
INTMD 1			PERFS	-	
INTMD 2			OPENHOLE	-	
PROD					

**\* REQUIRED PLUGS DISTRICT I**

RUSTLER (ANHYD)	
YATES	
QUEEN	
GRAYBURG	
SAN ANDRES	
CAPTAN REEF	
DELAWARE	
BELL CANYON	
CHERRY CANYON	
BRUSHY CANYON	
BONE SPRING	
GLORIETA	
BLINEBRY	
TUBB	
DRINKARD	
ABO	
WC	
PENN	
STRAWN	
ATOKA	
MORROW	
GAUSS	
DEVONIAN	

[illegible]

DATE 01/06/2024

# PROPOSED PLUGGING & ABANDONMENT WORKSHEET (3 STRING CSNG)

30-015-21163

OPERATOR EARTHSTONE OPERATING, LLC  
 LEASENAME PHILLY FEDERAL.

WELL # 001  
 SECT 21 TWN 23S RNG 26E  
 FROM 1,980 NSL 660 EWL  
 TD: 12,150' FORMATION @ TD  
 PBTD: FORMATION @ PBTD

PERF. X CIRC. (40) SXS @ 100'-3' T/CAPITAN ~ 495'  
 T/DLWR. ~ 1,885'  
 T/BNSG. ~ 5,345'  
 T/WACP. ~ 8,845'  
 T/STWN. ~ 10,435'  
 T/ATOKA ~ 10,725'  
 T/MRPU ~ 11,038'

PERF. X SQZ. (90) SXS @ 657'-445'-TAG  
 PERF. X SQZ. (50) SXS @ 1,940'-1,830'  
 PERF. X SQZ. (55) SXS @ 2,823'-2,703'-TAG  
 PERF. X SQZ. (65) SXS @ 5,420'-5,270'

PUMP (50) SXS @ 8,935'-8,755'-TAG.

PUMP (90) SXS @ 10,775'-10,385'-TAG

PUMP (100) SXS @ 11,500'-10,988'-TAG

SET 7" CIBP @ 11,500'

11,530'-  
 11,602'

7"  
 @ 12,150'  
 TOC 5,800'

TD 12,150'

DAE 01/06/2024

**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 303215

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 303215
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/19/2024