

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.**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator		7. If Unit of CA/Agreement, Name and/or No.
3a. Address	3b. Phone No. (include area code)	8. Well Name and No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		9. API Well No.
		10. Field and Pool or Exploratory Area
		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: NWN / 420 FNL / 1650 FEL / TWSP: 22S / RANGE: 32E / SECTION: 21 / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

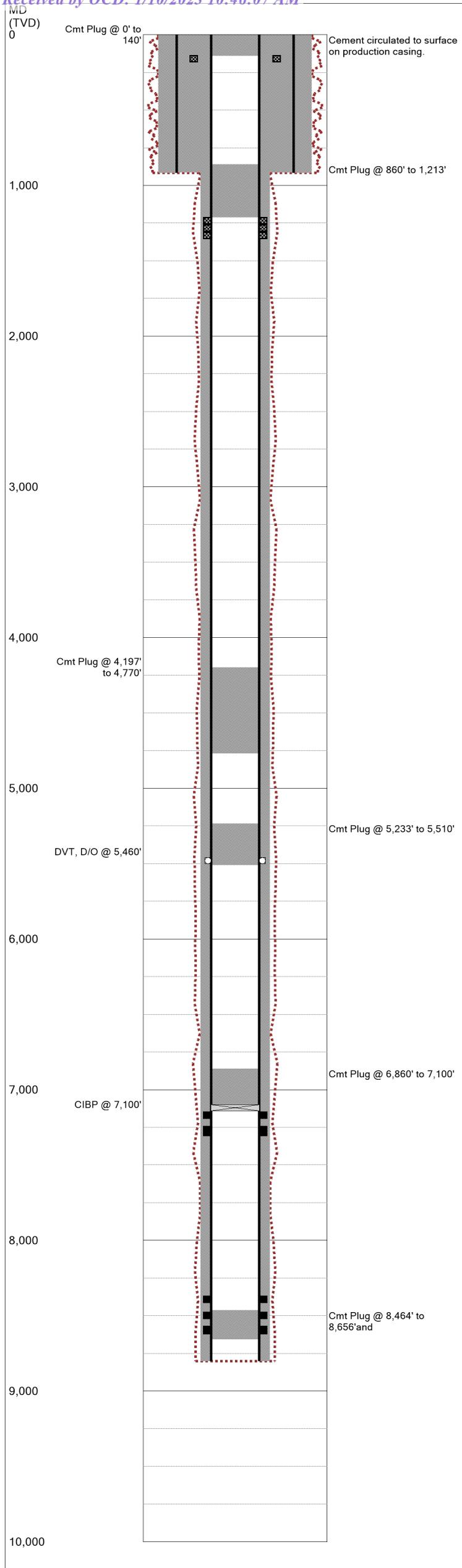
BHL: NWN / 420 FNL / 1650 FEL / TWSP: 22S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

**Strata Production Co**  
**P. O. Box 1030**  
**Roswell, New Mexico 88202-1030**

**Lease** Cercion Federal **Well No** 3 **Location** 420' FNL & 1,650' FEL  
**County** Lea **ST** NM **Section** 21 **TwNShp** 22S **Rng** 32E  
**AFE** \_\_\_\_\_ **Page** 1

**API No. 30-025-31665**

DATE	DAILY REPORTS
Oct 28, 2022	TIH with 2-7/8" tubing work string and spotted 25 sack Class H cement plug mixed 15.6 ppg and 8,570-8,656'. POOH with 25 stands tubing and waited on cement for 4 hours. TIH and tagged cement plug at 8,464'. POOH with tubing. Secured well. SDFWE.
Oct 31, 2022	TIH with cast iron bridge plug and set at 7,100'. TIH with 2-7/8" tubing work string to 7,090'. Circulated hole with 100 bbls brine water and tested bridge plug to 600 psi. Secured well. SDON.
Nov 01, 2022	Spotted 25 sack Class C cement plug on top of CIBP at 7,100'. Pulled 25 joints tubing and reversed out. WOC 4 hours and tagged cement at 6,908'. Pumped additional 5 sacks cement 6,908-6,860'. POOH to 6,840' and circulated well with 10 ppg gelled brine. LD tubing to place EOT at 5,510' to spot next cement plug. Secured well. SDON.
Nov 02, 2022	Spotted 30 sack Class C cement plug 5,535-5,510'. PU tubing and reverse clean. WOC 4 hours and tagged cement at 5,233'. Spotted 60 sack cement plug 4,197-4,770'. PU tubing and reversed clean. Secured well. SDON.
Nov 03, 2022	Tagged cement plug at 4,197'. POOH with tubing. RU wireline and perforated 1,313'. Pressured up to 1,000 psi. Perforated 1,263' and pressured up to 1,000 psi. Perforated 1,213' and pumped in at 2 BPM 900 psi. Squeezed with 50 sack Class C cement and displaced to 856'. Secured well. SDON.
Nov 04, 2022	TIH with tubing and tagged cement at 860'. POOH LD tubing. Perforated 5-1/2" casing at 140' and circulated 60 sacks Class C cement to surface.
Nov 10, 2022	Cut off casing 4' BGL and welded metal plate on top with well identified per BLM directives.
	<b>Note: BLM representative on location throughout plugging operations. All tags witnessed by BLM.</b>



Last Updated: 12/15/2022 04:18 PM

<b>Field Name</b>		<b>Lease Name</b>		<b>Well No.</b>			
Livingston Ridge Delaware East		Cercion Federal		3			
<b>County</b>		<b>State</b>		<b>API No.</b>			
Lea		New Mexico		30-025-31665-0000			
<b>Version</b>		<b>Version Tag</b>					
3		Final P&A					
<b>GL (ft)</b>	<b>KB (ft)</b>	<b>Section</b>	<b>Township/Block</b>	<b>Range/Survey</b>			
3,694.0		21	22S	32E			
<b>Operator</b>		<b>Well Type</b>		<b>Well Status</b>			
Strata Production Co		Oil		WO P&A			
<b>Latitude</b>			<b>Longitude</b>				
32.383213			-103.676506				
<b>Dist. N/S (ft)</b>	<b>Dir. N/S</b>	<b>Dist. E/W (ft)</b>	<b>Dir. E/W</b>	<b>Footage From</b>			
420	FNL	1650	FEL	Section 21			
<b>Prop Num</b>		<b>Spud Date</b>	<b>Comp. Date</b>	<b>Plug Date</b>			
		8/11/1992	9/17/1992				
<b>Additional Information</b>							
<b>Other 1</b>		<b>Other 2</b>		<b>Other 3</b>			
<b>Prepared By</b>		<b>Updated By</b>		<b>Last Updated</b>			
jelgin		jelgin		12/15/2022 4:18 PM			
<b>Hole Summary</b>							
<b>Date</b>	<b>Diam. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>			
	17.500	0	916				
	7.875	916	8,803				
<b>Tubular Summary</b>							
<b>Date</b>	<b>Description</b>	<b>OD (in)</b>	<b>Wt (lb/ft)</b>	<b>Grade</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>RL</b>
	Surface Casing	13.375	48.00	H-40	0	916	C
	Production Casing	5.500	17.00	J-55	0	8,803	C
<b>Casing Cement Summary</b>							
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>Csg. OD (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>	<b>RL</b>
		800	13.375	0	916		C
		1,268	5.500	0	8,803		C
<b>Tools/Problems Summary</b>							
<b>Date</b>	<b>Tool Type</b>	<b>OD (in)</b>	<b>ID (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>RL</b>	
	DVT, D/O	5.500	0.000	5,460	0	C	
10/31/2022	CIBP	5.500	0.000	7,100	0	C	
<b>Cement Plug Summary</b>							
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>OD (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>	<b>RL</b>
	10/28/2022	25	5.500	8,464	8,656		C
	11/1/2022	30	5.500	6,860	7,100		C
	11/2/2022	30	5.500	5,233	5,510		C
	11/2/2022	60	5.500	4,197	4,770		C
	11/3/2022	50	7.875	860	1,213		C
	11/4/2022	60	8.625	0	140		C
<b>Perforation Summary</b>							
<b>C</b>	<b>Date</b>	<b>Perf. Status</b>	<b>Formation</b>	<b>OA Top (MD ft)</b>	<b>OA Bottom (MD ft)</b>	<b>RL</b>	
		Isolated	Delaware	7,148	8,621	C	
	11/3/2022	Squeezed		1,213	1,314	C	
	11/4/2022	Squeezed		140	141	C	

Last Updated: 12/15/2022 04:18 PM

Field Name		Lease Name		Well No.	County	State	API No.				
Livingston Ridge Delaware East		Cercion Federal		3	Lea	New Mexico	30-025-31665-0000				
Version	Version Tag			Spud Date	Comp. Date	GL (ft)	KB (ft)				
3	Final P&A			8/11/1992	9/17/1992	3,694.0					
Section	Township/Block	Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
21	22S	32E		420	FNL	1,650	FEL	Section 21			
Operator			Well Status		Latitude		Longitude	Prop Num			
Strata Production Co			WO P&A		32.383213		-103.676506				
Other 1		Other 2		Other 3			Other 4				
Last Updated			Prepared By			Updated By					
12/15/2022 4:18 PM			jelgin			jelgin					
Additional Information											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	17.500	0	916								
	7.875	916	8,803								
Tubular Summary											
Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL	
	Surface Casing		13.375	48.00	H-40	STC	0	916		C	
	Production Casing		5.500	17.00	J-55	LTC	0	8,803		C	
Casing Cement Summary											
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL
		800	1.34	1,072	0	13.375	0	916			C
		1,268	1.34	1,699	42	5.500	0	8,803			C
Tools/Problems Summary											
Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL			
	DV tool (drilled out)	5.500	0.000	5,460	0			C			
10/31/2022	Cast Iron Bridge Plug	5.500	0.000	7,100	0			C			
Cement Plug Summary											
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	OD (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL	
	10/28/2022	25	1.18	29.5	5.500	8,464	8,656			C	
	11/1/2022	30	1.18	35.4	5.500	6,860	7,100			C	
	11/2/2022	30	1.18	35.4	5.500	5,233	5,510			C	
	11/2/2022	60	1.18	70.8	5.500	4,197	4,770			C	
	11/3/2022	50	1.18	59	7.875	860	1,213			C	
	11/4/2022	60	1.18	70.8	8.625	0	140			C	
Perforation Summary											
C	Date	Stage	Perf. Status	Formation		Closed Date	Memo		RL		
			Isolated	Delaware					C		
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	7,148	7,150		6							
	7,244	7,304		23							
	8,370	8,380		21							
	8,478	8,494		15							
	8,570	8,621		23							
	11/3/2022		Squeezed								
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	1,213	1,214	4	4	90						
	1,263	1,264	4	4	90	Unable to pump in					
	1,313	1,314	4	4	90	Unable to pump in					
	11/4/2022		Squeezed								
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	140	141	4	4	90						

**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 174569

**CONDITIONS**

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 174569
	Action Type: [C-103] Sub. Plugging (C-103P)

**CONDITIONS**

Created By	Condition	Condition Date
john.harrison	None	3/22/2023