

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		8. Well Name and No.
3b. Phone No. (include area code)		9. API Well No.
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		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.

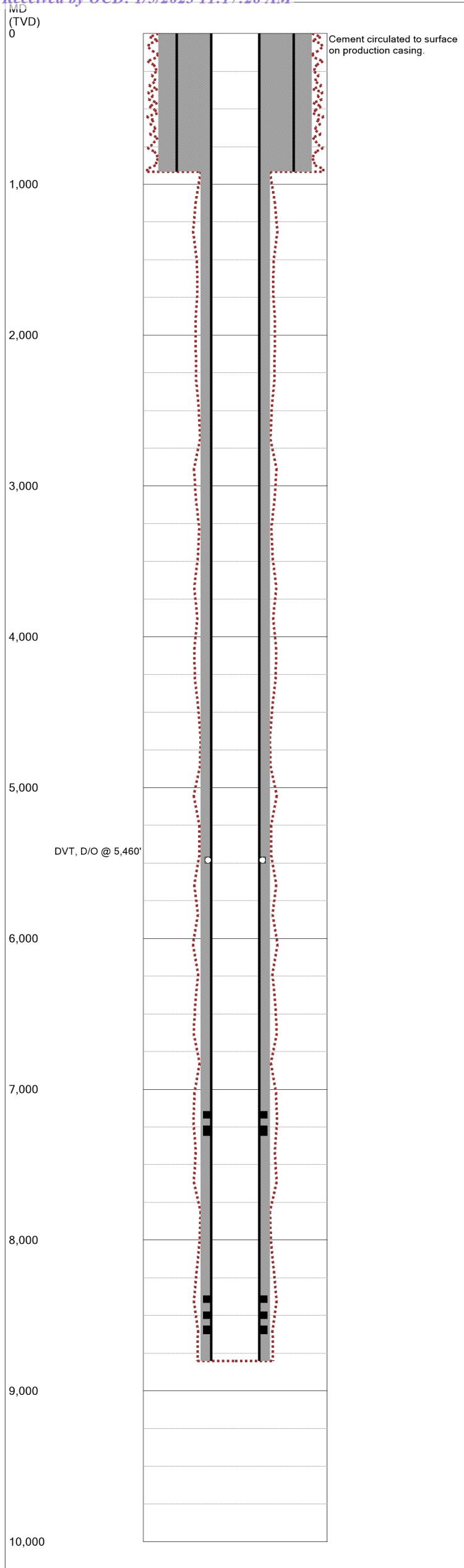
**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this 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 )

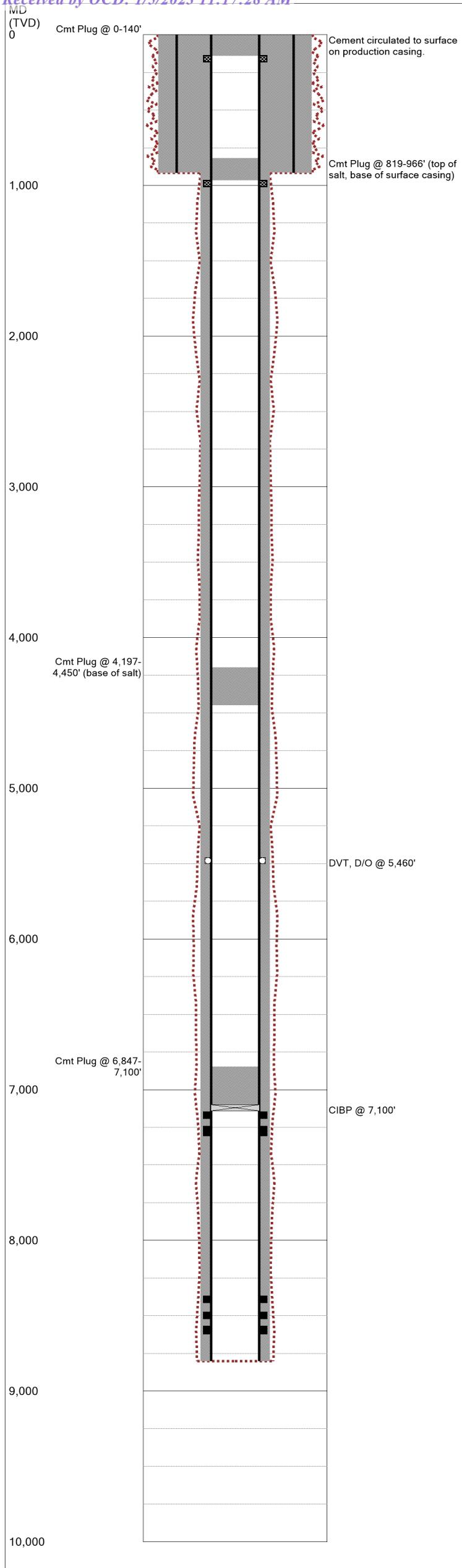


Last Updated: 9/13/2022 03:13 PM

<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>					
1	Current					
<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 4</b>		
<b>Prepared By</b>		<b>Updated By</b>		<b>Last Updated</b>		
jelgin		jelgin		9/13/2022 3:13 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>O.D. (in)</b>	<b>Wt (lb/ft)</b>	<b>Grade</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>
	Surface Casing	13.375	48.00	H-40	0	916
	Production Casing	5.500	17.00	J-55	0	8,803
<b>Casing Cement Summary</b>						
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>Csg. O.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>
		800	13.375	0	916	
		1,268	5.500	0	8,803	
<b>Tools/Problems Summary</b>						
<b>Date</b>	<b>Tool Type</b>	<b>O.D. (in)</b>	<b>I.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	
	DVT, D/O	5.500	0.000	5,460	0	
<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>	
		Open	Delaware	7,148	8,621	

Last Updated: 9/13/2022 03:13 PM

<b>Field Name</b>		<b>Lease Name</b>		<b>Well No.</b>	<b>County</b>	<b>State</b>	<b>API No.</b>			
Livingston Ridge Delaware East		Cercion Federal		3	Lea	New Mexico	30-025-31665-0000			
<b>Version</b>	<b>Version Tag</b>				<b>Spud Date</b>	<b>Comp. Date</b>	<b>GL (ft)</b>	<b>KB (ft)</b>		
1	Current				8/11/1992	9/17/1992	3,694.0			
<b>Section</b>	<b>Township/Block</b>	<b>Range/Survey</b>		<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>		
21	22S	32E		420	FNL	1,650	FEL	Section 21		
<b>Operator</b>			<b>Well Status</b>		<b>Latitude</b>		<b>Longitude</b>	<b>Prop Num</b>		
Strata Production Co			WO P&A		32.383213		-103.676506			
<b>Other 1</b>		<b>Other 2</b>		<b>Other 3</b>			<b>Other 4</b>			
<b>Last Updated</b>			<b>Prepared By</b>			<b>Updated By</b>				
09/13/2022 3:13 PM			jelgin			jelgin				
<b>Additional Information</b>										
<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>No. Jts</b>	<b>O.D. (in)</b>	<b>Wt (lb/ft)</b>	<b>Grade</b>	<b>Coupling</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Memo</b>	
	Surface Casing		13.375	48.00	H-40	STC	0	916		
	Production Casing		5.500	17.00	J-55	LTC	0	8,803		
<b>Casing Cement Summary</b>										
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>Yield (ft3/sk)</b>	<b>Vol. (ft3)</b>	<b>Shoe Jt Len. (ft)</b>	<b>Csg. O.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Description</b>	<b>Memo</b>
		800	1.34	1,072	0	13.375	0	916		
		1,268	1.34	1,699	42	5.500	0	8,803		
<b>Tools/Problems Summary</b>										
<b>Date</b>	<b>Tool Type</b>		<b>O.D. (in)</b>	<b>I.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>Description</b>			<b>Memo</b>
	DV tool (drilled out)		5.500	0.000	5,460	0				
<b>Perforation Summary</b>										
<b>C</b>	<b>Date</b>	<b>Stage</b>	<b>Perf. Status</b>	<b>Formation</b>			<b>Closed Date</b>	<b>Memo</b>		
			Open	Delaware						
	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>	<b>SPF</b>	<b>Shots</b>	<b>Phasing (deg)</b>	<b>Interval Memo</b>				
	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						



Last Updated: 9/13/2022 03:12 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>			
2		Plugged			
<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		9/13/2022 3:12 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>O.D. (in)</b>	<b>Wt (lb/ft)</b>	<b>Grade</b>	<b>Top (MD ft)</b>
	Surface Casing	13.375	48.00	H-40	0
	Production Casing	5.500	17.00	J-55	0
					8,803
<b>Casing Cement Summary</b>					
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>Csg. O.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>
		800	13.375	0	916
		1,268	5.500	0	8,803
<b>Tools/Problems Summary</b>					
<b>Date</b>	<b>Tool Type</b>	<b>O.D. (in)</b>	<b>I.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>
	DVT, D/O	5.500	0.000	5,460	0
	CIBP	5.500	0.000	7,100	0
<b>Cement Plug Summary</b>					
<b>C</b>	<b>Date</b>	<b>No. Sx</b>	<b>O.D. (in)</b>	<b>Top (MD ft)</b>	<b>Bottom (MD ft)</b>
		30	5.500	6,847	7,100
		25	5.500	4,197	4,450
		50	7.875	819	966
		40	13.375	0	140
<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>
		Open	Delaware	7,148	8,621
		Squeezed	Top Salt	966	967
		Squeezed	Surface	140	141

Last Updated: 9/13/2022 03:12 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)			
2	Plugged			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				
09/13/2022 3:12 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	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	
	Surface Casing		13.375	48.00	H-40	STC	0	916		
	Production Casing		5.500	17.00	J-55	LTC	0	8,803		
Casing Cement Summary										
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo
		800	1.34	1,072	0	13.375	0	916		
		1,268	1.34	1,699	42	5.500	0	8,803		
Tools/Problems Summary										
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo		
	DV tool (drilled out)		5.500	0.000	5,460	0				
	Cast Iron Bridge Plug		5.500	0.000	7,100	0				
Cement Plug Summary										
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	
		30	1.34	40.2	5.500	6,847	7,100			
		25	1.34	33.5	5.500	4,197	4,450			
		50	1.34	67	7.875	819	966			
		40	1.34	53.6	13.375	0	140			
Perforation Summary										
C	Date	Stage	Perf. Status	Formation			Closed Date	Memo		
			Open	Delaware						
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					
		Squeezed		Top Salt						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			
966		967		4						
		Squeezed		Surface						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			
140		141								

**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 172886

**CONDITIONS**

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 172886
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
john.harrison	Accepted for record - NMOCD 3/22/23. NMOCD COA's call for a plug across the DV tool 50' above & 50' below JRH	3/22/2023