

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.
		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 type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	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 recompleate 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 perfonned 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.)

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

Additional Remarks

11. Perforate 8-5/8 casing at 140 and circulate 100 sacks cement to surface inside 8-5/8 X 13-3/8 annulus.
12. All cement to be Class C mixed 14.8 ppg, 1.34 ft3/sk.

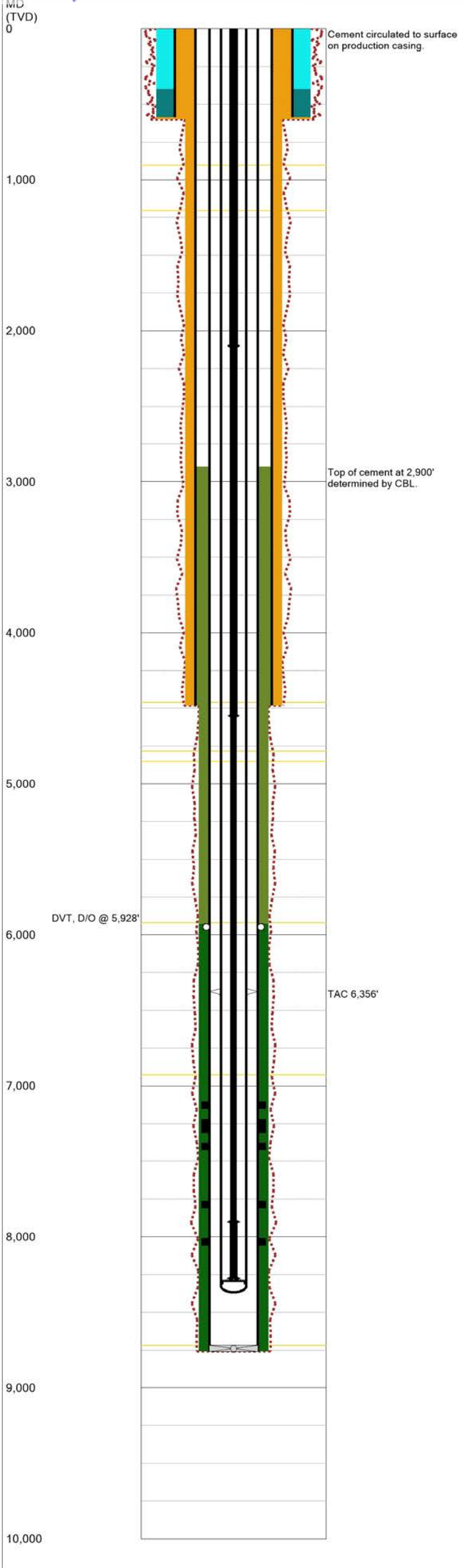
Location of Well

0. SHL: NESW / 1650 FSL / 1650 FWL / TWSP: 22S / RANGE: 32E / SECTION: 15 / LAT: 32.388989 / LONG: -103.6657705 (TVD: 0 feet, MD: 0 feet)
- BHL: NESW / 1650 FSL / 1650 FWL / TWSP: 22S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Lechuza Fed 2 BLM Revised P&A

1. Run bit and scraper to 8630'.
2. Set CIPB at 7085' and spot 30 sx of Cl C cmt 7085'-6985'. **WOC and Tag. Pressure Test.**
3. Run CBL from 6985' to surface. Contact BLM after running CBL.
4. Spot 30 sx Cl C from 6028'-5928'. **WOC and Tag. (DV Tool).**
5. Spot 30 sx of Cl C from 4410'-4510'. **(T/Base Salt)**
6. Cut 5 ½" casing at 2800' and POOH with casing.
7. Test 8-5/8' casing to 500psi.
8. Spot 150 sx 2850'-2700'. **WOC and Tag.**
9. Perf and Sqz 100 sx of Cl C cmt from 1253-1153'. **(T/Salt) WOC and Tag**
10. Perf and Sqz 60sx of Cl C cmt from 657-557'. **(Surface csg)**
11. Perf and Sqz 100 sx of Cl C cmt from 140' to surface.

Cut Wellhead and install Dry hole Marker.



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Field Name			Lease Name			Well No.	
Livingston Ridge Delaware East			Lechuza Federal			2	
County			State			API No.	
Lea			New Mexico			30-025-31603-0001	
Version		Version Tag					
1		Current					
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
3,728.0		15	22S		32E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Active		
Latitude			Longitude				
32.3889427			-103.6658173				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
1650	FSL	1650	FWL	Section 15			
Prop Num		Spud Date		Comp. Date	Plug Date		
		5/27/2002		7/1/1992			
Additional Information							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
jelgin		jelgin			5/5/2025 11:04 AM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	7.875	4,482	8,759				
	11.000	600	4,482				
	17.500	0	600				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
5/29/1992	Surface Casing	13.375	54.50	J-55	0	586	C
6/1/1992	Intermediate Casing	8.625	24.00	J-55	0	1,759	C
6/1/1992	Intermediate Casing	8.625	32.00	J-55	1,759	4,482	C
6/9/1992	Production Casing	5.500	17.00	L-80	0	6,766	C
6/9/1992	Production Casing	5.500	17.00	J-55	6,766	8,759	C
4/19/2022	Tubing	2.875	6.50	J-55	0	8,325	C
4/19/2022	Tubing	2.875	6.50	J-55	8,294	8,325	C
4/1/2025	Rods	1.000		D78	0	2,100	C
4/1/2025	Rods	0.875		EL	2,100	4,550	C
4/1/2025	Rods	0.750		T66	4,550	7,900	C
4/1/2025	Rods	0.875		EL	7,900	8,275	C
4/1/2025	Rods	1.000		D78	8,275	8,276	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	5/29/1992	300	13.375	0	400		C
	6/1/1992	375	8.625	0	4,482		C
	6/9/1992	750	5.500	5,928	8,759		C
	6/9/1992	645	5.500	2,900	5,928		C
	5/29/1992	200	13.375	400	586		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	DVT, D/O		5.500	0.000	5,928	0	C
	TAC		5.500	2.875	6,356	0	C
	R Pump		1.500	0.000	8,276	8,290	C
	SN		2.875	2.250	8,290	0	C
	Perf Sub		2.875	0.000	8,290	8,294	C
	Bull Plg		2.875	0.000	8,325	0	C
	FC		5.500	0.000	8,719	0	C
	GS		5.500	0.000	8,759	0	C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open	Delaware		7,108	8,014	C
Formation Tops Summary							
Formation		Top (TVD ft)	Comments				
Rustler		902					



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Formation	Top (TVD ft)	Comments
Top Salt	1,203	
Base of Salt	4,460	
Lamar	4,783	
Bell Canyon	4,850	
Cherry Canyon	5,920	
Brushy Canyon	6,925	
Bone Spring	8,720	



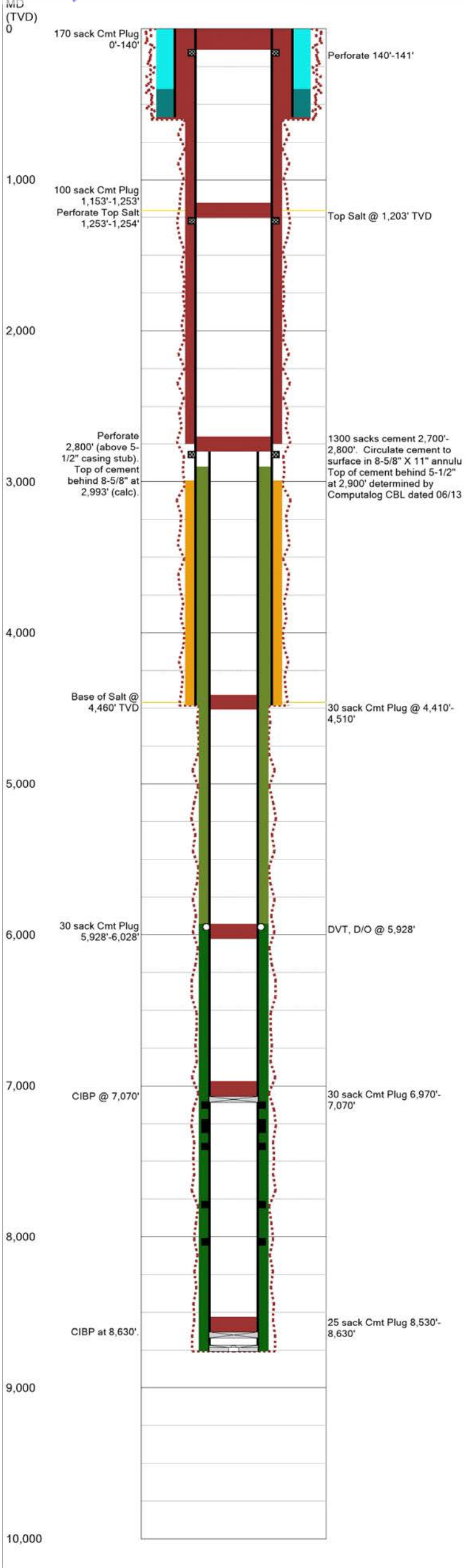
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Field Name		Lease Name		Well No.	County		State		API No.			
Livingston Ridge Delaware East		Lechuza Federal		2	Lea		New Mexico		30-025-31603-0001			
Version	Version Tag					Spud Date	Comp. Date	GL (ft)	KB (ft)			
1	Current					5/27/2002	7/1/1992	3,728.0				
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)		Dir. E/W	Footage From		
15	22S		32E		1,650	FSL	1,650		FWL	Section 15		
Operator			Well Status			Latitude		Longitude		Prop Num		
Strata Production Co			Active			32.3889427		-103.6658173				
Other 1		Other 2			Other 3			Other 4				
Last Updated			Prepared By				Updated By					
05/05/2025 11:04 AM			jelgin				jelgin					
Additional Information												
Hole Summary												
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo								
	7.875	4,482	8,759									
	11.000	600	4,482									
	17.500	0	600									
Tubular Summary												
Date	Description		No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo		
5/29/1992	Surface Casing		15	13.375	54.50	J-55	STC	0	586			
6/1/1992	Intermediate Casing		42	8.625	24.00	j-55	LTC	0	1,759			
6/1/1992	Intermediate Casing		65	8.625	32.00	J-55	LTC	1,759	4,482			
6/9/1992	Production Casing			5.500	17.00	L-80	LTC	0	6,766			
6/9/1992	Production Casing		51	5.500	17.00	J-55	LTC	6,766	8,759			
4/19/2022	Tubing		217	2.875	6.50	J-55	EUE	0	8,325			
4/19/2022	Tubing		1	2.875	6.50	J-55	EUE	8,294	8,325			
4/1/2025	Rods		84	1.000		D78		0	2,100			
4/1/2025	Rods		98	0.875		EL		2,100	4,550			
4/1/2025	Rods		134	0.750		T66		4,550	7,900			
4/1/2025	Rods		15	0.875		EL		7,900	8,275			
4/1/2025	Rods		1	1.000		D78		8,275	8,276			
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
	5/29/1992	300	1.34	402	0	13.375	0	400				C
	6/1/1992	375	1.36	510	0	8.625	0	4,482				C
	6/9/1992	750	1.29	968	42	5.500	5,928	8,759				C
	6/9/1992	645	1.29	832	0	5.500	2,900	5,928				C
	5/29/1992	200	1.34	268	0	13.375	400	586				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	5,928	0					C	
	Tubing Anchor		5.500	2.875	6,356	0					C	
	Rod Pump		1.500	0.000	8,276	8,290					C	
	Seating Nipple		2.875	2.250	8,290	0					C	
	Perforated Sub		2.875	0.000	8,290	8,294					C	
	Bull Plug		2.875	0.000	8,325	0					C	
	Float Collar		5.500	0.000	8,719	0					C	
	Guide Shoe		5.500	0.000	8,759	0					C	
Perforation Summary												
C	Date	Stage	Perf. Status	Formation			Closed Date	Memo			RL	
			Open	Delaware							C	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo					
7,108		7,134			28							
7,226		7,307			22							
7,380		7,387			16							
7,766		7,770			10							
8,012		8,014			6							
Formation Top Summary												
Formation Name		Top(TVD ft)		Memo								
Rustler		902										
Top Salt		1,203										
Base of Salt		4,460										
Lamar		4,783										
Bell Canyon		4,850										
Cherry Canyon		5,920										



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Formation Name	Top(TVD ft)	Memo
Brushy Canyon	6,925	
Bone Spring	8,720	



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Field Name			Lease Name			Well No.	
Livingston Ridge Delaware East			Lechuza Federal			2	
County		State			API No.		
Lea		New Mexico			30-025-31603-0001		
Version	Version Tag						
2	Proposed P&A						
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
3,728.0		15	22S		32E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Proposed P&A		
Latitude			Longitude				
32.3889427			-103.6658173				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
1650	FSL	1650	FWL	Section 15			
Prop Num		Spud Date		Comp. Date		Plug Date	
		5/27/2002		7/1/1992			
Additional Information							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
jelgin		jelgin			5/15/2025 2:07 PM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	7.875	4,482	8,759				
	11.000	600	4,482				
	17.500	0	600				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
5/29/1992	Surface Casing	13.375	54.50	J-55	0	586	C
6/1/1992	Intermediate Casing	8.625	24.00	j-55	0	1,759	C
6/1/1992	Intermediate Casing	8.625	32.00	J-55	1,759	4,482	C
6/9/1992	Production Casing	5.500	17.00	L-80	2,800	6,766	C
6/9/1992	Production Casing	5.500	17.00	J-55	6,766	8,759	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
	5/29/1992	300	13.375	0	400		C
	5/29/1992	200	13.375	400	586		C
	6/1/1992	375	8.625	2,993	4,482		C
	6/9/1992	645	5.500	2,900	5,928		C
	6/9/1992	750	5.500	5,928	8,759		C
		861	8.625	586	2,750		C
		414	8.625	0	586		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	DVT, D/O		5.500	0.000	5,928	0	C
	CIBP		5.500	0.000	7,070	0	C
	CIBP		5.500	0.000	8,630	0	C
	FC		5.500	0.000	8,719	0	C
	GS		5.500	0.000	8,759	0	C
Cement Plug Summary							
C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		25	5.500	8,530	8,630		C
		30	5.500	6,970	7,070		C
		30	5.500	5,928	6,028		C
		30	5.500	4,410	4,510		C
		100	8.625	1,153	1,253		C
		170	13.375	0	140		C
		1,300	8.625	2,700	2,800		C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open	Delaware		7,108	8,014	C
		Squeezed	Cut 5-1/2" Casing		2,799	2,800	C
		Squeezed	Surface		140	141	C



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C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	RL
		Squeezed	Top Salt	1,253	1,254	C
Formation Tops Summary						
Formation			Top (TVD ft)	Comments		
Rustler			902			
Top Salt			1,203	Top Salt @ 1,203' TVD		
Base of Salt			4,460	Base of Salt @ 4,460' TVD		
Lamar			4,783			
Bell Canyon			4,850			
Cherry Canyon			5,920			
Brushy Canyon			6,925			
Bone Spring			8,720			



Last Updated: 5/15/2025 02:07 PM

Field Name		Lease Name		Well No.	County	State	API No.				
Livingston Ridge Delaware East		Lechuza Federal		2	Lea	New Mexico	30-025-31603-0001				
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)			
2	Proposed P&A				5/27/2002	7/1/1992	3,728.0				
Section	Township/Block	Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
15	22S	32E		1,650	FSL	1,650	FWL	Section 15			
Operator			Well Status		Latitude		Longitude		Prop Num		
Strata Production Co			Proposed P&A		32.3889427		-103.6658173				
Other 1		Other 2		Other 3			Other 4				
Last Updated		Prepared By			Updated By						
05/15/2025 2:07 PM		jelgin			jelgin						
Additional Information											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	7.875	4,482	8,759								
	11.000	600	4,482								
	17.500	0	600								
Tubular Summary											
Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL	
5/29/1992	Surface Casing	15	13.375	54.50	J-55	STC	0	586		C	
6/1/1992	Intermediate Casing	42	8.625	24.00	j-55	LTC	0	1,759		C	
6/1/1992	Intermediate Casing	65	8.625	32.00	J-55	LTC	1,759	4,482		C	
6/9/1992	Production Casing	174	5.500	17.00	L-80	LTC	2,800	6,766		C	
6/9/1992	Production Casing	51	5.500	17.00	J-55	LTC	6,766	8,759		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
	5/29/1992	300	1.34	402	0	13.375	0	400			C
	5/29/1992	200	1.34	268	0	13.375	400	586			C
	6/1/1992	375	1.36	510	0	8.625	2,993	4,482			C
	6/9/1992	645	1.29	832	0	5.500	2,900	5,928			C
	6/9/1992	750	1.29	968	42	5.500	5,928	8,759			C
		861	1.34	1,154	0	8.625	586	2,750			C
		414	1.34	555	0	8.625	0	586			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	5,928	0			C		
	Cast Iron Bridge Plug		5.500	0.000	7,070	0			C		
	Cast Iron Bridge Plug		5.500	0.000	8,630	0			C		
	Float Collar		5.500	0.000	8,719	0			C		
	Guide Shoe		5.500	0.000	8,759	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	
		25	1.34	33.5	5.500	8,530	8,630			C	
		30	1.34	40.2	5.500	6,970	7,070			C	
		30	1.34	40.2	5.500	5,928	6,028			C	
		30	1.34	40.2	5.500	4,410	4,510			C	
		100	1.34	134	8.625	1,153	1,253			C	
		170	1.34	227.8	13.375	0	140			C	
		1,300	1.34	1742	8.625	2,700	2,800			C	
Perforation Summary											
C	Date	Stage	Perf. Status	Formation		Closed Date	Memo		RL		
			Open	Delaware					C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,108		7,134			28						
7,226		7,307			22						
7,380		7,387			16						
7,766		7,770			10						
8,012		8,014			6						
			Squeezed	Cut 5-1/2" Casing					C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
2,799		2,800		4	4						
			Squeezed	Surface					C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
140		141		4	4						



Last Updated: 5/15/2025 02:07 PM

C	Date	Stage	Perf. Status	Formation		Closed Date	Memo	RL
			Squeezed	Top Salt				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
1,253		1,254	4	4				
Formation Top Summary								
Formation Name		Top(TVD ft)	Memo					
Rustler		902						
Top Salt		1,203						
Base of Salt		4,460						
Lamar		4,783						
Bell Canyon		4,850						
Cherry Canyon		5,920						
Brushy Canyon		6,925						
Bone Spring		8,720						

**BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972**

**Permanent Abandonment of Federal Wells
Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Lea County, call 575-689-5981. Eddy County, please email notifications to: BLM_NM_CFO_PluggingNotifications@BLM.GOV. The Eddy County inspector on call phone, 575-361-2822, will remain active as a secondary contact.

Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours for Class C or accelerated cement (calcium chloride) and 6 hours for Class H. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

Fluid used to mix the cement in R111Q shall be saturated with the salts common to the section penetrated, and in suitable proportions but not less than 1% and not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Above Ground Level Marker: If outside of Lesser Prairie-Chicken Habitat an above ground level marker shall be utilized. All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 14th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

Below Ground Level Marker: If within Lesser Prairie-Chicken Habitat a below ground level marker shall be utilized. All casing shall be cutoff at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified *BY PHONE* (numbers listed in 2. Notifications) a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 14th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**

Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing. The following information shall be permanently inscribed on the plate: well name and number, name of operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

Operator to verify the ground marker type with the BLM before setting dry hole Marker.

Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was**

plugged.

Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:

From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo “interim” reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo “final” reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines **(Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads.** Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon

conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Angela Mohle
Environmental Protection Specialist
575-234-9226

Robert Duenas
Environmental Protection Specialist
575-234-2229

Terry Gregston
Environmental Protection/HAZMAT Specialist
575-234-5958

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 473161

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 473161
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Spot 15 sacks cement 6985' - 6685' - T Brushy Canyon	7/10/2025
gcordero	Spot 15 sacks cement 5928' - 5870' - T Cherry Canyon	7/10/2025
gcordero	Spot 15 sacks cement 4900' - 4750' - T Bell Canyon	7/10/2025
gcordero	Run CBL 2700' to Surface - 8 5/8" Casing	7/10/2025