

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	
7. If Unit of CA/Agreement, Name and/or No.	
8. Well Name and No.	
9. API Well No.	
10. Field and Pool or Exploratory Area	11. Country or Parish, State

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	
2. Name of Operator	
3a. Address	3b. Phone No. (include area code)
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)	

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

Location of Well

0. SHL: SENW / 2310 FNL / 1650 FWL / TWSP: 22S / RANGE: 32E / SECTION: 15 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SENW / 2310 FNL / 1650 FWL / TWSP: 22S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

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Strata Production Company proposes to plug and abandon its Paisano Federal #2. Current and proposed plugged wellbore diagram are attached.

1. Run bit and scraper to cast iron bridge plug at 8,500'. Spot 30 sack cement plug on top of bridge plug 8,300-8,500'.
2. Set cast iron bridge plug at 7,080' 500psi leak test and spot 30 sack cement plug on top of bridge plug 6,900-7,080'. WOC & TAG
3. DV Tool Plug spot cement plug 5885'-6045' WOC and TAG
4. Circulate well with 9.0 ppg gelled brine and test casing to 1,000 psi.
5. Spot 45 sack cement plug 4,405'-4,869'. Wait on cement and tag.
6. Perforate at top of salt at 947'-1,200' and squeeze with 45 sacks cement. Wait on cement and tag plug. Internal BLM Geo Reports show Salt top as 1,200'
7. Perforate below base of surface casing at 544'-700' and squeeze with 40 sacks cement. Wait on cement and tag plug.
8. Perforate at 140' and circulate cement down 5-1/2" casing and up 5-1/2" X 8-5/8" annulus to surface.

cement to be Class C mixed 14.8 ppg, 1.334 ft³/sack yield. **Plug at 8500' needs to be Class H cement**
Approx 1.06 ft³/sx

Sundry ID		2759575			
Plug Type	Top	Bottom	Length	Tag	Notes
Surface Plug	0.00	140.00	140.00	Verify circulated to surface	Perf and Squeeze
Shoe Plug	544.00	700.00	156.00	WOC and Tag	Perf and Squeeze
Top of Salt @ 1008	947.92	1200.00	252.08	WOC and	Perf and Squeeze
TOC @ 2800					
Shoe Plug	4405.00	4869.00	464.00	WOC and Tag	
Base of Salt @ 4819	4405.00	4869.00	464.00	WOC and Tag	
Delaware @ 4819	4405.00	4869.00	464.00	WOC and Tag	
DV tool plug	5885.05	6045.00	159.95	WOC and Tag	
CIBP Plug	7045.00	7080.00	35.00	WOC and Tag	At least 25 sks of cement and 500psi leak test

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500'

Class C <7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Critical, High Cave Karst: Cave Karst depth to surface

R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft³/sx

Class H: 1.06 ft³/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected."

Cave Karst/Potash Cement Low

Shoe @	600.00		
Shoe @	4500.00		
Shoe @	8765.00	TOC @	2800.00

Perforatons Top @	7130.00	Perforations Bottom @	8695.00
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DV Tool @	5995.00	CIBP @	7080.00
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**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 (LPC Habitat)**

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.

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.

2. **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; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.

3. **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.

4. **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 brine water. Minimum nine (9) pounds per gallon.

5. **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. 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.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 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 10th 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.

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.

7. 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.**

8. 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.

1. 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.
2. 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.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. 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.

5. 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.
6. 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.
7. 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

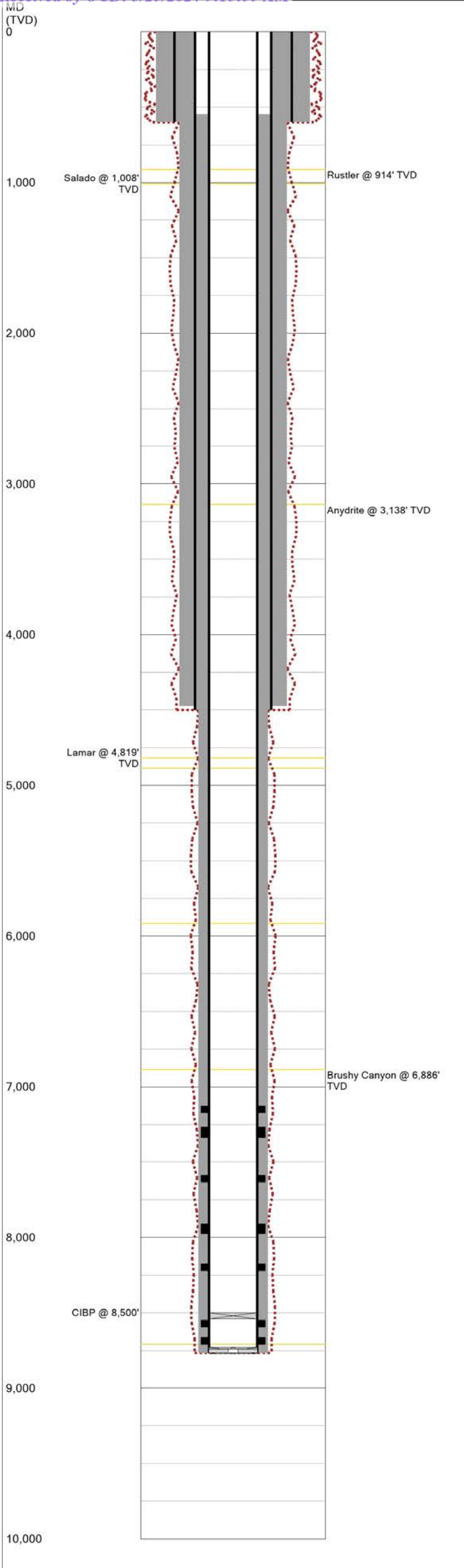
Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

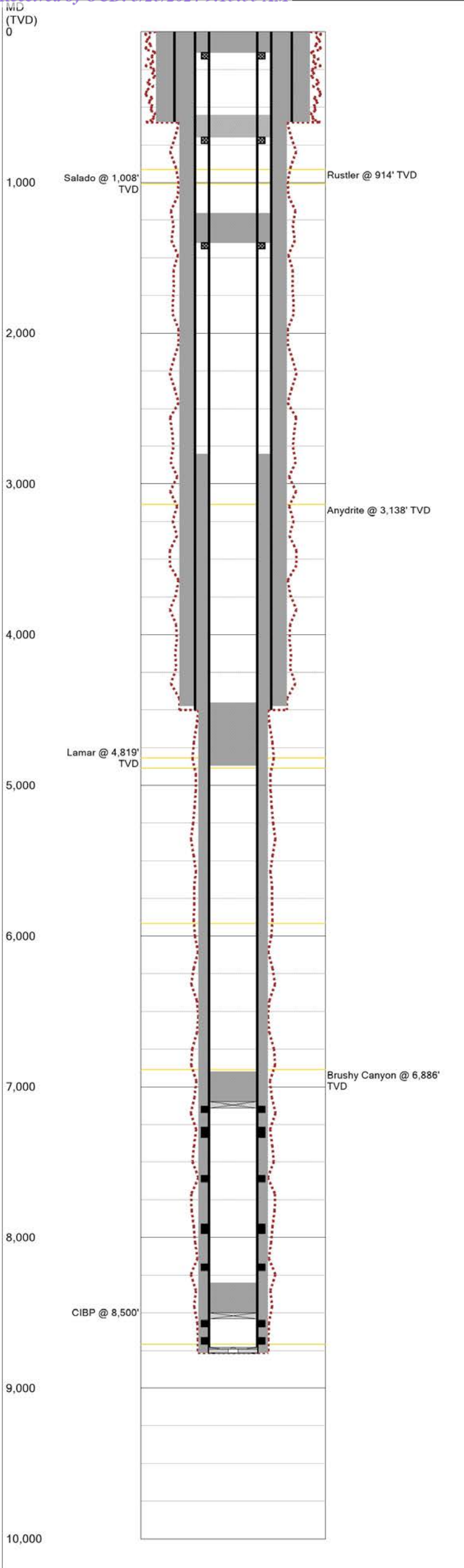


Last Updated: 11/2/2023 12:13 PM

Field Name		Lease Name		Well No.			
Livingston Ridge Delaware East		Paisano Federal		2			
County		State		API No.			
Lea		New Mexico		30-025-31615-0000			
Version	Version Tag						
1	Current						
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
3,758.0		15	22S		32E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Inactive		
Latitude			Longitude				
32.3925858			-103.6658249				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
2310	FNL	1650	FWL	Section 22			
Prop Num		Spud Date		Comp. Date	Plug Date		
		7/15/1992		10/16/1992			
Additional Information							
Other 1		Other 2		Other 4			
Prepared By		Updated By		Last Updated			
jelgin		jelgin		11/2/2023 12:13 PM			
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	17.500	0	600				
	12.250	600	4,500				
	7.875	4,500	8,765				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
	Surface Casing	13.375	54.00	J-55	0	600	C
	Intermediate Casing	8.625	24.00	J-55	0	4,500	C
	Production Casing	5.500	17.00	J-55	0	8,765	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		500	13.375	0	604		C
		1,700	8.625	0	4,473		C
		1,435	5.500	544	8,765		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	CIBP		5.250	0.000	8,500	0	C
	FC		5.500	0.000	8,730	0	C
	GS		5.500	0.000	8,765	0	C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open	Delaware		7,130	8,695	C
Formation Tops Summary							
Formation		Top (TVD ft)		Comments			
Rustler		914		Rustler @ 914' TVD			
Salado		1,008		Salado @ 1,008' TVD			
Anydrite		3,138		Anydrite @ 3,138' TVD			
Lamar		4,819		Lamar @ 4,819' TVD			
Bell Canyon		4,886					
Cherry Canyon		5,918					
Brushy Canyon		6,886		Brushy Canyon @ 6,886' TVD			
Bone Spring		8,708					

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Field Name		Lease Name		Well No.	County	State	API No.				
Livingston Ridge Delaware East		Paisano Federal		2	Lea	New Mexico	30-025-31615-0000				
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)			
1	Current				7/15/1992	10/16/1992	3,758.0				
Section	Township/Block	Range/Survey	Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From				
15	22S	32E	2,310	FNL	1,650	FWL	Section 22				
Operator			Well Status		Latitude		Longitude		Prop Num		
Strata Production Co			Inactive		32.3925858		-103.6658249				
Other 1		Other 2		Other 3			Other 4				
Last Updated		Prepared By			Updated By						
11/02/2023 12:13 PM		jelgin			jelgin						
Additional Information											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	17.500	0	600								
	12.250	600	4,500								
	7.875	4,500	8,765								
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	54.00	J-55	STC	0	600		C	
	Intermediate Casing		8.625	24.00	J-55	LTC	0	4,500		C	
	Production Casing		5.500	17.00	J-55	LTC	0	8,765		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
		500	1.33	667	0	13.375	0	604			C
		1,700	1.33	2,268	0	8.625	0	4,473			C
		1,435	1.44	2,059	0	5.500	544	8,765			C
Tools/Problems Summary											
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo	RL	
	Cast Iron Bridge Plug		5.250	0.000	8,500	0				C	
	Float Collar		5.500	0.000	8,730	0				C	
	Guide Shoe		5.500	0.000	8,765	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				
7,130		7,134			5						
7,268		7,334			21						
7,588		7,589			3						
7,911		7,972			10						
8,178		8,190			5						
8,551		8,554			8						
8,667		8,695			17						
Formation Top Summary											
Formation Name		Top(TVD ft)		Memo							
Rustler		914									
Salado		1,008									
Anydrite		3,138									
Lamar		4,819									
Bell Canyon		4,886									
Cherry Canyon		5,918									
Brushy Canyon		6,886									
Bone Spring		8,708									



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Field Name			Lease Name		Well No.		
Livingston Ridge Delaware East			Paisano Federal		2		
County			State		API No.		
Lea			New Mexico		30-025-31615-0000		
Version		Version Tag					
2		Plugging					
GL (ft)		KB (ft)	Section	Township/Block	Range/Survey		
3,758.0			15	22S	32E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Plugging		
Latitude			Longitude				
32.3925858			-103.6658249				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
2310	FNL	1650	FWL	Section 22			
Prop Num		Spud Date	Comp. Date	Plug Date			
		7/15/1992	10/16/1992				
Additional Information							
Other 1		Other 2		Other 4			
Prepared By		Updated By		Last Updated			
jelgin		jelgin		11/2/2023 12:09 PM			
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	17.500	0	600				
	12.250	600	4,500				
	7.875	4,500	8,765				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
	Surface Casing	13.375	54.00	J-55	0	600	C
	Intermediate Casing	8.625	24.00	J-55	0	4,500	C
	Production Casing	5.500	17.00	J-55	0	8,765	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		500	13.375	0	604		C
		1,700	8.625	0	4,473		C
		1,435	5.500	2,800	8,765		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	CIBP		5.250	0.000	7,100	0	C
	CIBP		5.250	0.000	8,500	0	C
	FC		5.500	0.000	8,730	0	C
	GS		5.500	0.000	8,765	0	C
Cement Plug Summary							
C	Date	No. Sx	OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		30	5.250	6,900	7,100		C
		30	5.250	8,300	8,500		C
		45	5.250	4,450	4,869		C
		40	8.500	1,200	1,400		C
		40	8.500	550	700		C
		100	8.500	0	140		C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Squeezed	Surface		140	141	C
		Squeezed	Base Surface Casing		700	701	C
		Squeezed	Top Salt		1,400	1,401	C
		Open	Delaware		7,130	8,695	C
Formation Tops Summary							
Formation			Top (TVD ft)	Comments			
Rustler			914	Rustler @ 914' TVD			
Salado			1,008	Salado @ 1,008' TVD			
Anydrite			3,138	Anydrite @ 3,138' TVD			
Lamar			4,819	Lamar @ 4,819' TVD			
Bell Canyon			4,886				

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Formation	Top (TVD ft)	Comments
Cherry Canyon	5,918	
Brushy Canyon	6,886	Brushy Canyon @ 6,886' TVD
Bone Spring	8,708	

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Field Name		Lease Name		Well No.	County	State	API No.				
Livingston Ridge Delaware East		Paisano Federal		2	Lea	New Mexico	30-025-31615-0000				
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)			
2	Plugging				7/15/1992	10/16/1992	3,758.0				
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From		
15	22S		32E		2,310	FNL	1,650	FWL	Section 22		
Operator			Well Status			Latitude		Longitude	Prop Num		
Strata Production Co			Plugging			32.3925858		-103.6658249			
Other 1		Other 2			Other 3			Other 4			
Last Updated			Prepared By			Updated By					
11/02/2023 12:09 PM			jelgin			jelgin					
Additional Information											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	17.500	0	600								
	12.250	600	4,500								
	7.875	4,500	8,765								
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	54.00	J-55	STC	0	600		C
	Intermediate Casing			8.625	24.00	J-55	LTC	0	4,500		C
	Production Casing			5.500	17.00	J-55	LTC	0	8,765		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
		500	1.33	667	0	13.375	0	604			C
		1,700	1.33	2,268	0	8.625	0	4,473			C
		1,435	1.44	2,059	0	5.500	2,800	8,765			C
Tools/Problems Summary											
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL		
	Cast Iron Bridge Plug		5.250	0.000	7,100	0			C		
	Cast Iron Bridge Plug		5.250	0.000	8,500	0			C		
	Float Collar		5.500	0.000	8,730	0			C		
	Guide Shoe		5.500	0.000	8,765	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	
		30	1.334	40.02	5.250	6,900	7,100			C	
		30	1.334	40.02	5.250	8,300	8,500			C	
		45	1.334	60.03	5.250	4,450	4,869			C	
		40	1.334	40.02	8.500	1,200	1,400			C	
		40	1.334	53.36	8.500	550	700			C	
		100	1.334	133.4	8.500	0	140			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					
	7,130	7,134		5							
	7,268	7,334		21							
	7,588	7,589		3							
	7,911	7,972		10							
	8,178	8,190		5							
	8,551	8,554		8							
	8,667	8,695		17							
			Squeezed		Base Surface Casing					C	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	700	701	4	4	90						
			Squeezed		Surface					C	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	140	141	4	4	90						
			Squeezed		Top Salt					C	
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo					
	1,400	1,401	4	4	90						
Formation Top Summary											
Formation Name		Top(TVD ft)		Memo							

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Formation Name	Top(TVD ft)	Memo
Rustler	914	
Salado	1,008	
Anydrite	3,138	
Lamar	4,819	
Bell Canyon	4,886	
Cherry Canyon	5,918	
Brushy Canyon	6,886	
Bone Spring	8,708	

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

COMMENTS

Action 326282

COMMENTS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 326282
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	3/28/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 326282

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 326282
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	Run CBL from 7080 to surface. CBL must be submitted to OCD via OCD Permitting	3/28/2024