

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		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

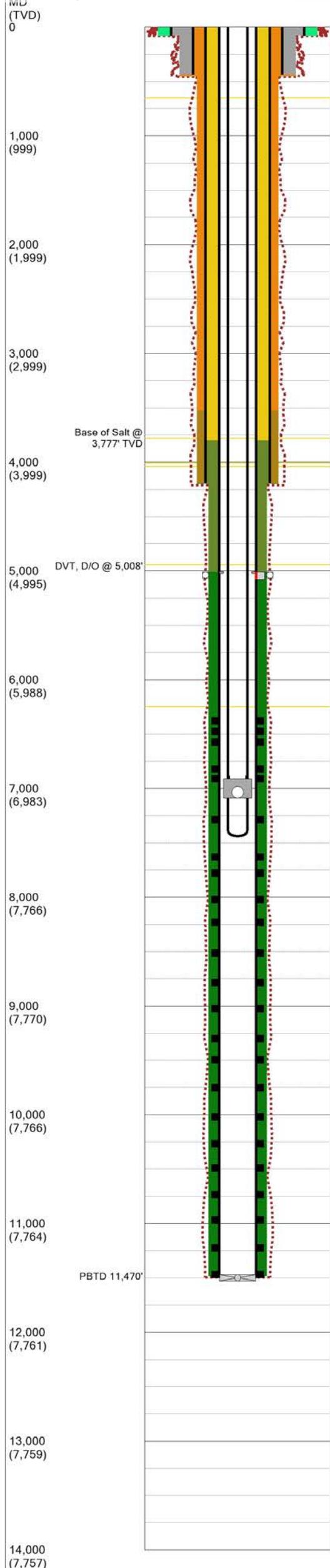
Location of Well

0. SHL: SWSE / 330 FSL / 1650 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.269613 / LONG: -103.8309777 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 369 FSL / 1889 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.2697188 / LONG: -103.8317524 (TVD: 6227 feet, MD: 6236 feet)

BHL: NWNE / 961 FNL / 2015 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.2805852 / LONG: -103.8321584 (TVD: 7762 feet, MD: 11496 feet)

CONFIDENTIAL



Last Updated: 7/26/2024 10:33 AM

Field Name		Lease Name		Well No.			
Forty Niner Ridge		Roadrunner Federal 25 OBL		8H			
County		State		API No.			
Eddy		New Mexico		30-015-49596-0001			
Version		Version Tag					
4		Producing					
GL (ft)	KB (ft)	Section	Township/Block	Range/Survey			
3,338.0	3,357.0	25	23S	31E			
Operator		Well Type		Well Status			
Strata Production Co		Oil		Active			
Latitude			Longitude				
32.269613			-103.8309777				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
330	FSL	1650	FEL	Section 21			
Prop Num		Spud Date	Comp. Date	Plug Date			
		11/6/2022	1/21/2023				
Additional Information							
Other 1		Other 2		Other 3			
Prepared By		Updated By		Last Updated			
jelgin		jelgin		7/26/2024 10:33 AM			
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	24.000	0	80				
	17.500	80	455				
	12.250	455	4,210				
	8.750	4,200	11,496				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
	Conductor Casing	20.000			0	80	C
	Surface Casing	13.375	48.00	H-40	0	438	C
	Intermediate Casing	9.625	40.00	J-55	0	4,192	C
	Production Casing	5.500	23.00	N-80	0	11,486	C
	Tubing	2.875	6.50	L-80	0	6,911	C
	Tubing	2.875	6.50	L-80	7,056	7,393	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		25	20.000	0	80		C
		580	13.375	0	450		C
		1,200	9.625	0	3,524		C
		120	9.625	3,524	4,200		C
		400	5.500	0	3,800		C
		1,750	5.500	5,008	11,486		C
		600	5.500	3,800	5,008		C
Tools/Problems Summary							
Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL	
	ESP	4.300	0.000	6,911	7,088	C	
	SN	3.125	2.250	6,879	0	C	
	ID Restr	5.500	4.250	5,006	5,026	C	
	DVT, D/O	8.750	0.000	5,008	0	C	
	Bull Plg	2.875	0.000	7,393	0	C	
	FC	5.500	0.000	11,470	0	C	
12/7/2022	HIC, sqzd	5.500	0.000	5,008	5,020	C	
Perforation Summary							
C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	RL	
		Open	Delaware C-1	6,350	6,360	C	
		Open	Delaware D	6,444	6,454	C	
		Open	Delaware D-1	6,546	6,556	C	
		Open	Delaware D-5	6,794	6,804	C	
		Open	Delaware F	6,880	6,890	C	
		Open	Delaware H	7,256	7,266	C	
		Open	Delaware J	7,600	7,610	C	
		Open	Delaware K-2	7,750	7,760	C	
		Open	Delaware L	7,990	11,450	C	
Formation Tops Summary							

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Formation	Top (TVD ft)	Comments
Salado	651	
Base of Salt	3,777	Base of Salt @ 3,777' TVD
Lamar	4,007	
Bell Canyon	4,039	
Cherry Canyon	4,938	
Brushy Canyon	6,236	

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Field Name		Lease Name		Well No.	County	State	API No.	
Forty Niner Ridge		Roadrunner Federal 25 OBL		8H	Eddy	New Mexico	30-015-49596-0001	
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)
4	Producing				11/6/2022	1/21/2023	3,338.0	3,357.0
Section	Township/Block	Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From
25	23S	31E		330	FSL	1,650	FEL	Section 21
Operator			Well Status		Latitude		Longitude	Prop Num
Strata Production Co			Active		32.269613		-103.8309777	
Other 1		Other 2		Other 3			Other 4	
Last Updated			Prepared By			Updated By		
07/26/2024 10:33 AM			jelgin			jelgin		

Additional Information								

Hole Summary				
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo
	24.000	0	80	
	17.500	80	455	
	12.250	455	4,210	
	8.750	4,200	11,496	

Tubular Summary										
Date	Description	No. Jts	OD (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo	RL
	Conductor Casing		20.000				0	80		C
	Surface Casing		13.375	48.00	H-40	STC	0	438		C
	Intermediate Casing		9.625	40.00	J-55	LTC	0	4,192		C
	Production Casing		5.500	23.00	N-80	BTC	0	11,486		C
	Tubing	211	2.875	6.50	L-80	EUE	0	6,911		C
	Tubing	10	2.875	6.50	L-80	EUE	7,056	7,393		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
		25	1.00	25	0	20.000	0	80			C
		580	1.33	773	0	13.375	0	450			C
		1,200	1.88	2,256	0	9.625	0	3,524			C
		120	1.34	161	0	9.625	3,524	4,200			C
		400	2.50	1,000	0	5.500	0	3,800			C
		1,750	1.42	2,485	40	5.500	5,008	11,486			C
		600	1.34	804	0	5.500	3,800	5,008			C

Tools/Problems Summary										
Date	Tool Type	OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo	RL		
	ESP	4.300	0.000	6,911	7,088			C		
	Seating Nipple	3.125	2.250	6,879	0			C		
	ID Restriction	5.500	4.250	5,006	5,026	Casing Patch across DV tool		C		
	DV tool (drilled out)	8.750	0.000	5,008	0			C		
	Bull Plug	2.875	0.000	7,393	0			C		
	Float Collar	5.500	0.000	11,470	0			C		
12/7/2022	Casing Leak (squeezed)	5.500	0.000	5,008	5,020	DV tool leaked. Squeezed twice 595 sacks and 200 sacks.		C		

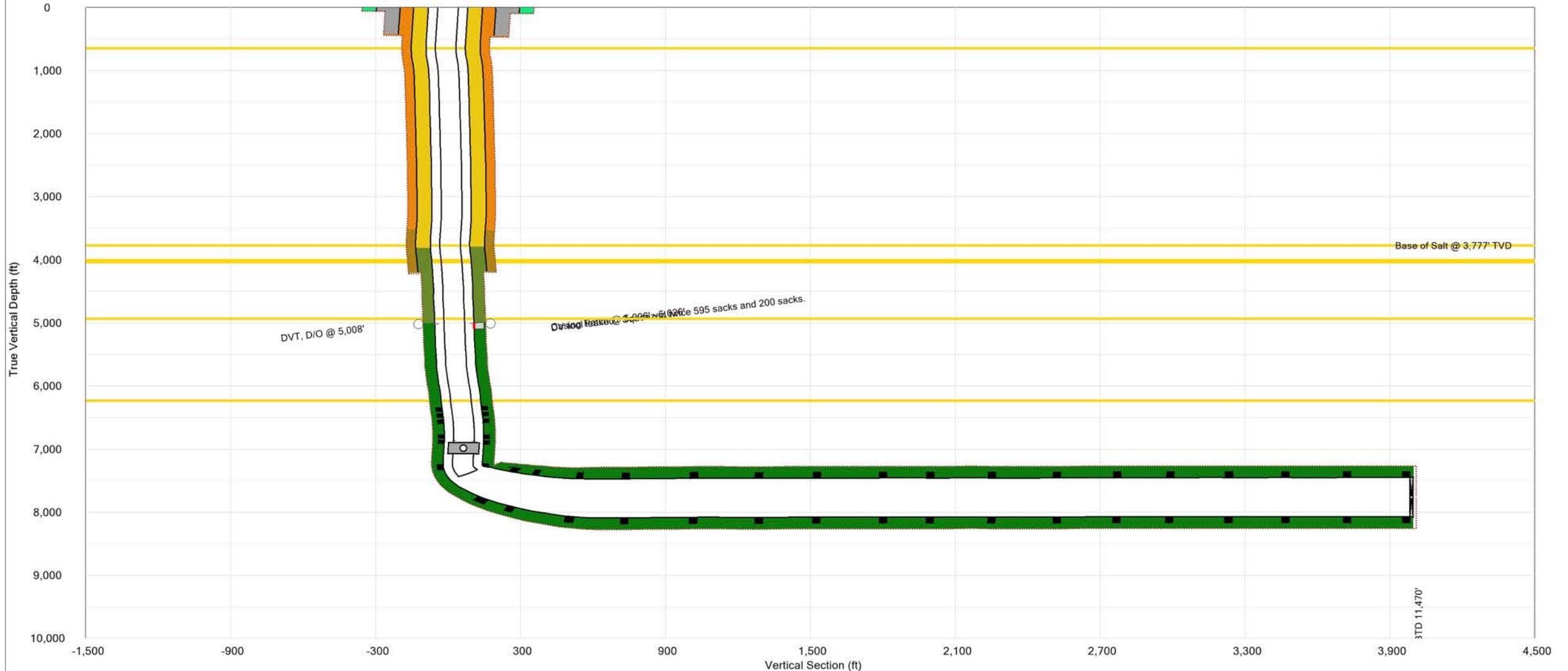
Perforation Summary										
C	Date	Stage	Perf. Status	Formation			Closed Date	Memo	RL	
			Open	Delaware C-1					C	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
		6,350	6,360	3	30	60				
			Open	Delaware D					C	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
		6,444	6,454	30	30	60				
			Open	Delaware D-1					C	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
		6,546	6,556	3	30	60				
			Open	Delaware D-3					C	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
			Open	Delaware D-5					C	
		Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
		6,794	6,804	4	40	60				
			Open	Delaware F					C	

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C	Date	Stage	Perf. Status	Formation			Closed Date	Memo	RL
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
	6,880	6,890	4	40	60				
		Open	Delaware G						C
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
		Open	Delaware H						C
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
	7,256	7,266	2	20	60				
		Open	Delaware J						C
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
	7,600	7,610	4	40	60				
		Open	Delaware K-2						C
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
	7,750	7,760	4	40	60				
		Open	Delaware L						C
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo			
	7,990	8,000	6	60	60				
	8,200	8,210	6	60	60				
	8,485	8,495	6	60	60				
	8,755	8,765	6	60	60				
	8,995	9,005	6	60	60				
	9,270	9,280	6	60	60				
	9,465	9,475	6	60	60				
	9,720	9,732	6	72	60				
	9,990	10,002	6	72	60				
	10,240	10,252	6	72	60				
	10,460	10,472	6	72	60				
	10,705	10,715	6	60	60				
	10,940	10,950	6	60	60				
	11,195	11,205	6	60	60				
	11,440	11,450	6	60	60				
Formation Top Summary									
	Formation Name	Top(TVD ft)	Memo						
	Salado	651							
	Base of Salt	3,777							
	Lamar	4,007							
	Bell Canyon	4,039							
	Cherry Canyon	4,938							
	Brushy Canyon	6,236							

Last Updated: 7/26/2024 10:33 AM

Field Name		Lease Name		Well No.	County		State		API No.		Version	Version Tag	Spud Date	Comp. Date	Plug Date	
Forty Niner Ridge		Roadrunner Federal 25 OBL		8H	Eddy		New Mexico		30-015-49596-0001		4	Producing	11/6/2022	1/21/2023		
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)		Dir. E/W	Footage From		Latitude		Longitude		Operator
25	23S		31E		330	FSL	1650		FEL	Section 21		32.269613		-103.8309777		Strata Production Co
GL (ft)	KB (ft)	Well Type		Well Status			Prop Num		Prepared By			Updated By				
3,338.0	3,357.0	Oil		Active					jelgin			jelgin				
Additional Information																



Strata Production Company
Roadrunner Federal 25 OBL #8H
Section 25 Twp 23S Range 30E
SL: 330 FSL 1,650 FEL of Sec 25
BHL: 330 FSL 1,650 FEL of Sec 25

Hole Size	Casing Interval		Csg Size	Weight	Grade	Connection	SF Collapse	SF Burst	SF Joint Tension	SF Body Tension
	From	To								
17.5	0	438	13.375	48	H-40	STC	3.95	7.60	15.3	25.7
12.25	0	4,192	9.625	40	J-55	LTC	1.42	1.81	3.10	3.76
8.75	0	11,486	5.5	23	N-80	BTC	3.32	1.77	2.19	2.01
BLM Minimum SF							1.125	1.00	1.60	1.60

	Y or N
Is casing new? If used, attach certificate as required in Onshore Order #1.	Y
Is casing API approved? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes, attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not, provide justifications (loading assumptions, casing design criteria).	Y
Will the pipe be kept at a minimum of 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	NA
Is well within the designated 4 string boundary?	NA
Is well located in SOPA but not in R-111-P?	N
If yes, are the first 2 strings cemented to surface and 3rd string cement tied back 500' into previous casing?	NA
Is well located in R-111-P and SOPA?	Y
If yes, are the first 3 strings cemented to the surface?	Y
Is 2nd string set 100' to 600' below the base of salt?	Y

Is well located in high Cave/Karst?	Y
If yes, are there two strings cemented to the surface?	Y
If yes, is there a contingency casing if lost circulation occurs?	
Is well located in critical Cave/Karst?	N
If yes, are there three strings cemented to surface?	NA

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 426846

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 426846
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	1/30/2025