

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

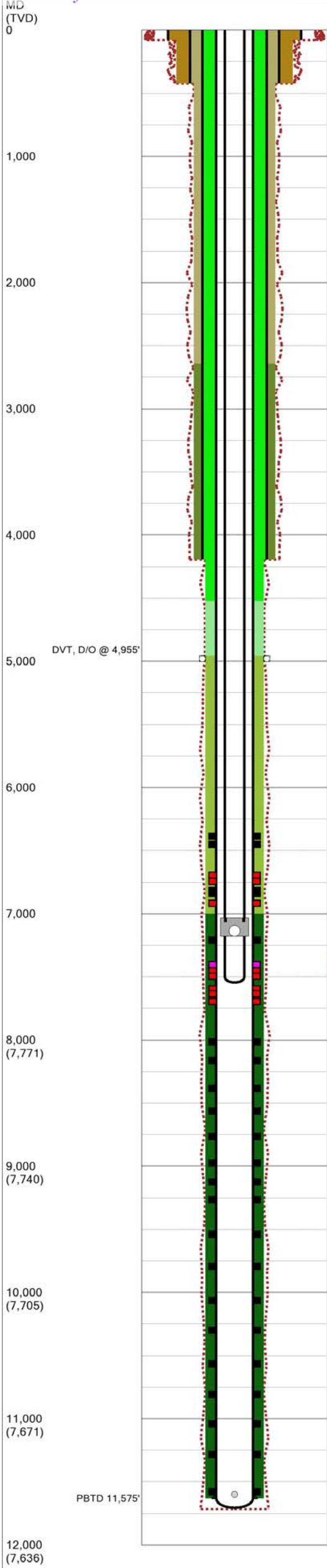
Location of Well

0. SHL: SESE / 330 FSL / 660 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.2696198 / LONG: -103.8277758 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 330 FSL / 660 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.27099 / LONG: -103.82801 (TVD: 7804 feet, MD: 8077 feet)

BHL: NENE / 100 FNL / 660 FEL / TWSP: 23S / RANGE: 30E / SECTION: 25 / LAT: 32.2829597 / LONG: -103.8277733 (TVD: 0 feet, MD: 0 feet)

CONFIDENTIAL



Last Updated: 8/7/2023 03:45 PM

Field Name			Lease Name		Well No.		
Forty Niner Ridge Delaware			Roadrunner Federal 25 PAL		7H		
County			State		API No.		
Eddy			New Mexico		30-015-49980-0000		
Version		Version Tag					
3		Recompletion					
GL (ft)	KB (ft)	Section	Township/Block		Range/Survey		
3,335.0	3,355.0	25	23S		30E		
Operator			Well Type		Well Status		
Strata Production Co			Oil		Producing		
Latitude			Longitude				
32.2696198			-103.8277758				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
330	FSL	660	FEL	Section 25			
Prop Num		Spud Date		Comp. Date	Plug Date		
		6/27/2022		9/23/2022			
Additional Information							
Frac'd 21 stages with 1,656,930# 16/30 raw and 1,323,020# 16/30 Tundra in 53,740 bbls. Total prop 2,979,950#.							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
jelgin		jelgin			8/7/2023 3:45 PM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	24.000	0	80				
	17.500	80	420				
	12.250	420	4,195				
	8.750	4,195	11,718				
Tubular Summary							
Date	Description	OD (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)	RL
	Conductor Casing	20.000	94.00	H-40	0	80	C
	Surface Casing	13.375	48.00	H-40	0	420	C
	Intermediate Casing	9.625	40.00	J-55	0	4,195	C
	Production Casing	5.500	20.00	HCP-110	0	11,633	C
	Tubing	2.875	6.50	L-80	0	7,035	C
	Tubing	2.875	6.50	L-80	7,179	7,506	C
Casing Cement Summary							
C	Date	No. Sx	Csg. OD (in)	Top (MD ft)	Bottom (MD ft)	Memo	RL
		502	13.375	0	450		C
		1,096	9.625	0	3,050		C
		364	9.625	2,642	4,200		C
		487	5.500	0	4,521		C
		143	5.500	4,521	4,955		C
		265	5.500	4,955	7,000		C
		1,672	5.500	7,000	11,633		C
Tools/Problems Summary							
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	RL
	DVT, D/O		8.750	0.000	4,955	0	C
	ESP		4.250	0.000	7,035	7,179	C
	Bull Plg		2.875	0.000	7,506	0	C
	SN		3.125	2.250	7,034	0	C
	FC		0.000	0.000	11,575	0	C
	Bull Plg		5.500	0.000	11,633	0	C
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open	Delaware C		6,362	6,387	C
			Delaware D		6,426	6,452	C
		Open	Delaware D-3, D-4		6,670	6,730	C
		Open	Delaware D-5		6,790	6,817	C
		Open	Delaware F		6,894	6,914	C
		Open	Delaware G		7,186	7,196	C
		Open	Delaware I-1		7,378	7,388	C
		Open	Delaware I-1		7,430	7,490	C
		Open	Delaware I-J		7,570	7,616	C
		Open	Delaware K		7,670	7,690	C

Last Updated: 8/7/2023 03:45 PM

C	Date	Perf. Status	Formation	OA Top (MD ft)	OA Bottom (MD ft)	RL
		Open	Delaware L	7,990	11,564	C

Last Updated: 8/7/2023 03:45 PM

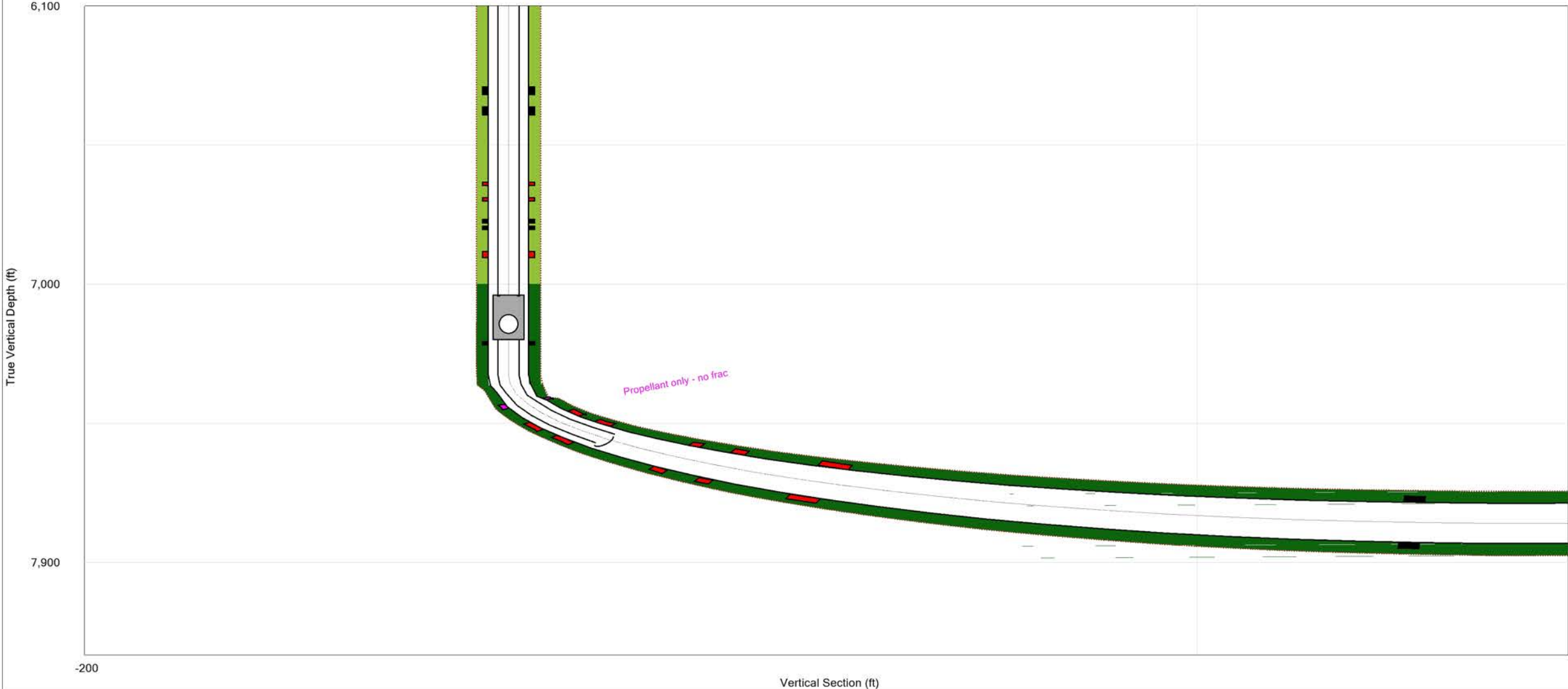
Field Name		Lease Name		Well No.	County	State	API No.				
Forty Niner Ridge Delaware		Roadrunner Federal 25 PAL		7H	Eddy	New Mexico	30-015-49980-0000				
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)			
3	Recompletion				6/27/2022	9/23/2022	3,335.0	3,355.0			
Section	Township/Block	Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
25	23S	30E		330	FSL	660	FEL	Section 25			
Operator			Well Status		Latitude		Longitude		Prop Num		
Strata Production Co			Producing		32.2696198		-103.8277758				
Other 1		Other 2		Other 3			Other 4				
Last Updated		Prepared By			Updated By						
08/07/2023 3:45 PM		jelgin			jelgin						
Additional Information											
Frac'd 21 stages with 1,656,930# 16/30 raw and 1,323,020# 16/30 Tundra in 53,740 bbls. Total prop 2,979,950#.											
Hole Summary											
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo							
	24.000	0	80								
	17.500	80	420								
	12.250	420	4,195								
	8.750	4,195	11,718								
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	94.00	H-40	STC	0	80		C	
	Surface Casing		13.375	48.00	H-40	STC	0	420		C	
	Intermediate Casing	104	9.625	40.00	J-55	LTC	0	4,195		C	
	Production Casing		5.500	20.00	HCP-110	Buttress	0	11,633		C	
	Tubing	215	2.875	6.50	L-80	EUE	0	7,035		C	
	Tubing	10	2.875	6.50	L-80	EUE	7,179	7,506		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
		502	1.33	765	0	13.375	0	450			C
		1,096	1.64	2,762	0	9.625	0	3,050			C
		364	1.34	484	0	9.625	2,642	4,200			C
		487	2.64	1,286	0	5.500	0	4,521			C
		143	1.34	192	0	5.500	4,521	4,955			C
		265	2.58	631	0	5.500	4,955	7,000			C
		1,672	1.43	2,391	40	5.500	7,000	11,633			C
Tools/Problems Summary											
Date	Tool Type		OD (in)	ID (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo	RL	
	DV tool (drilled out)		8.750	0.000	4,955	0				C	
	ESP		4.250	0.000	7,035	7,179				C	
	Bull Plug		2.875	0.000	7,506	0				C	
	Seating Nipple		3.125	2.250	7,034	0				C	
	Float Collar		0.000	0.000	11,575	0				C	
	Bull Plug		5.500	0.000	11,633	0				C	
Perforation Summary											
C	Date	Stage	Perf. Status	Formation		Closed Date	Memo			RL	
		101	Open	Delaware K						C	
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,670		7,690		4	80	60					
	102	Open	Delaware I-J						C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,570		7,580		4	40	60					
7,606		7,616		4	40	60					
	103	Open	Delaware I-1						C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,430		7,450		2	40	60					
7,470		7,490		2	40	60					
	104	Open	Delaware I-1			Propellant only - no frac			C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
7,378		7,388		4	40	60					
	105	Open	Delaware F						C		
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo				
6,894		6,914		4	40	60					
	106	Open	Delaware D-3, D-4						C		

Last Updated: 8/7/2023 03:45 PM

C	Date	Stage	Perf. Status	Formation		Closed Date	Memo	RL
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
6,670		6,680	2	20	60			
6,720		6,730	2	20	60			
		1-17	Open	Delaware L				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
7,990		8,000	6	60	60	Frac with 106K# 16/30 and 48K# Tundra 16/30 in 2,477 bbls.		
8,140		8,150	6	60	60	Frac with 106K# 16/30 and 51K# Tundra 16/30 in 2,426 bbls.		
8,360		8,370	6	60	60	Frac with 102K# 16/30 and 50K# Tundra 16/30 in 2,405 bbls.		
8,540		8,550	6	60	60	Frac with 72K# 16/30 and 80K# Tundra 16/30 in 2,571 bbls.		
8,740		8,750	6	60	60	Frac with 73K# 16/30 and 80K# Tundra 16/30 in 2,560 bbls.		
8,950		8,960	6	60	60	Frac with 74K# 16/30 and 80K# Tundra 16/30 in 2,862 bbls.		
9,100		9,110	6	60	60	Frac with 75K# 16/30 and 80K# Tundra 16/30 in 2,840 bbls.		
9,240		9,250	6	60	60	Frac with 75K# 16/30 and 80K# Tundra 16/30 in 2,249 bbls.		
9,514		9,524	6	60	60	Frac with 76K# 16/30 and 80K# Tundra 16/30 in 2,684 bbls.		
9,770		9,780	6	60	60	Frac with 73K# 16/30 and 86K# Tundra 16/30 in 2,810 bbls.		
10,040		10,050	6	60	60	Frac with 73K# 16/30 and 79K# Tundra 16/30 in 2,611 bbls.		
10,276		10,286	6	60	60	Frac with 69K# 16/30 and 75K# Tundra 16/30 in 2,633 bbls.		
10,540		10,550	6	60	60	Frac with 70K# 16/30 and 77K# Tundra 16/30 in 2,669 bbls.		
10,784		10,794	6	60	60	Frac with 67K# 16/30 and 78K# Tundra 16/30 in 2,738 bbls.		
11,016		11,026	6	60	60	Frac with 68K# 16/30 and 85K# Tundra 16/30 in 3,189 bbls.		
11,260		11,270	6	60	60	Frac with 64K# 16/30 and 83K# Tundra 16/30 in 2,673 bbls.		
11,554		11,564	6	60	60	Frac with 80K# 16/30 and 71K# 16/30 Tundra in 5,638 bbls.		
		18	Open	Delaware G				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
7,186		7,196	6	60	60	Frac with 48K# 16/30 in 1,772 bbls. Cut sand at 3 ppg due to pressure.		
		19	Open	Delaware D-5				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
6,790		6,802	2	24	60			
6,813		6,817	2	8	60			
		20		Delaware D				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
6,426		6,452	1	26	60	Frac with 150K# Tundra 16/30 in 2,359 bbls.		
		21	Open	Delaware C				C
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
6,362		6,387	1	25	60	Frac with 102K# Tundra 16/30 in 2,122 bbls.		

Last Updated: 8/7/2023 03:45 PM

Field Name		Lease Name		Well No.	County	State	API No.		Version	Version Tag		Spud Date	Comp. Date	Plug Date
Forty Niner Ridge Delaware		Roadrunner Federal 25 PAL		7H	Eddy	New Mexico	30-015-49980-0000		3	Recompletion		6/27/2022	9/23/2022	
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		30E	330	FSL	660	FEL	Section 25		32.2696198		-103.8277758	Strata Production Co	
GL (ft)	KB (ft)	Well Type		Well Status		Prop Num		Prepared By				Updated By		
3,335.0	3,355.0	Oil		Producing				jelgin				jelgin		
Additional Information														
Frac'd 21 stages with 1,656,930# 16/30 raw and 1,323,020# 16/30 Tundra in 53,740 bbls. Total prop 2,979,950#.														



BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Conditions of Approval for Workover/Deepening of a Well

1. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-689-5981
2. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any 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 9,100 feet, a 3M system for a well not deeper than 13,600 feet, or a 5M system for a well not deeper than 22,700 feet (all depths are for measured well depth).
3. Cement: Notify BLM if cement fails to circulate.
4. Subsequent Reporting: Within 30 days after work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the work was carried out. Show date work was completed. If producing a new zone, submit a Completion Report (Form 3160-4) with the Subsequent Report.
5. 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.
6. If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken: From March 1st through June 15th annually, 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.

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 321619

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 321619
	Action Type: [C-103] NOI Recompletion (C-103E)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	If the C-104 is not approved prior to conducting this work; resubmit it with the additional C-103T, perf range amended on the C-104, and amended C-105. If the C-104 has been approved then, once work is conducted, submit a C-104 Packet with the C-103T and amended C-104 and C-105 with the updated perf range. On the C-104 code the "Reason for Filing" as OAP.	4/25/2024