

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ 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)

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

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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Subsequent Report	<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"/> Final Abandonment Notice	<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 recompleat 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 recompleat 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.

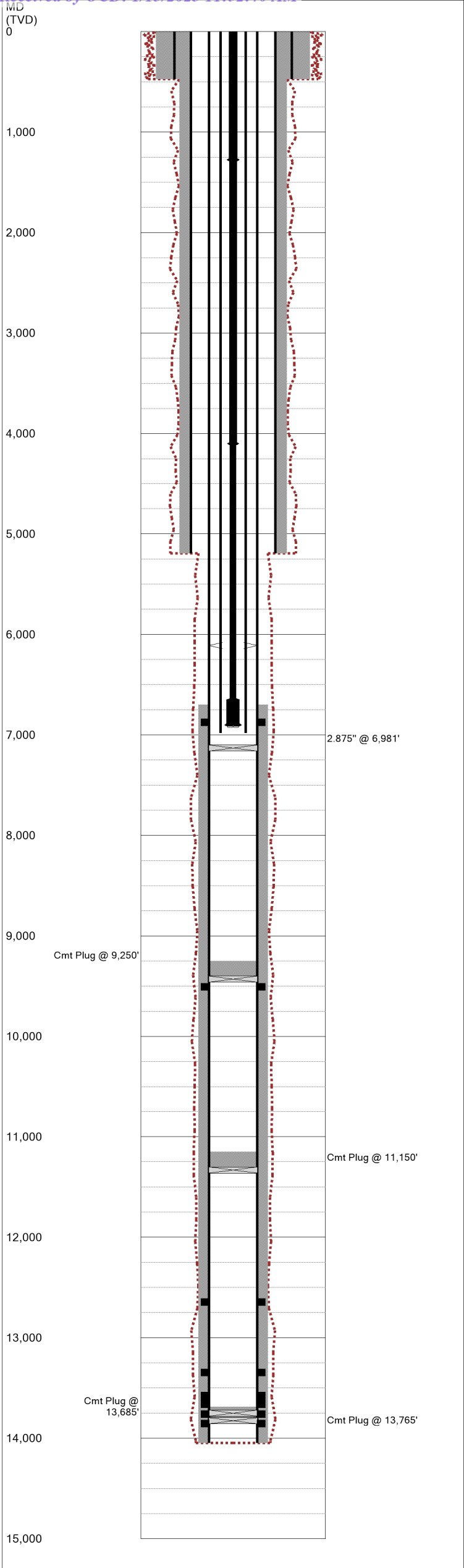
BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form 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: SWNE / 1980 FNL / 1980 FEL / TWSP: 21S / RANGE: 32E / SECTION: 4 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

BHL: SWNE / 1980 FNL / 1980 FEL / TWSP: 21S / SECTION: / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)



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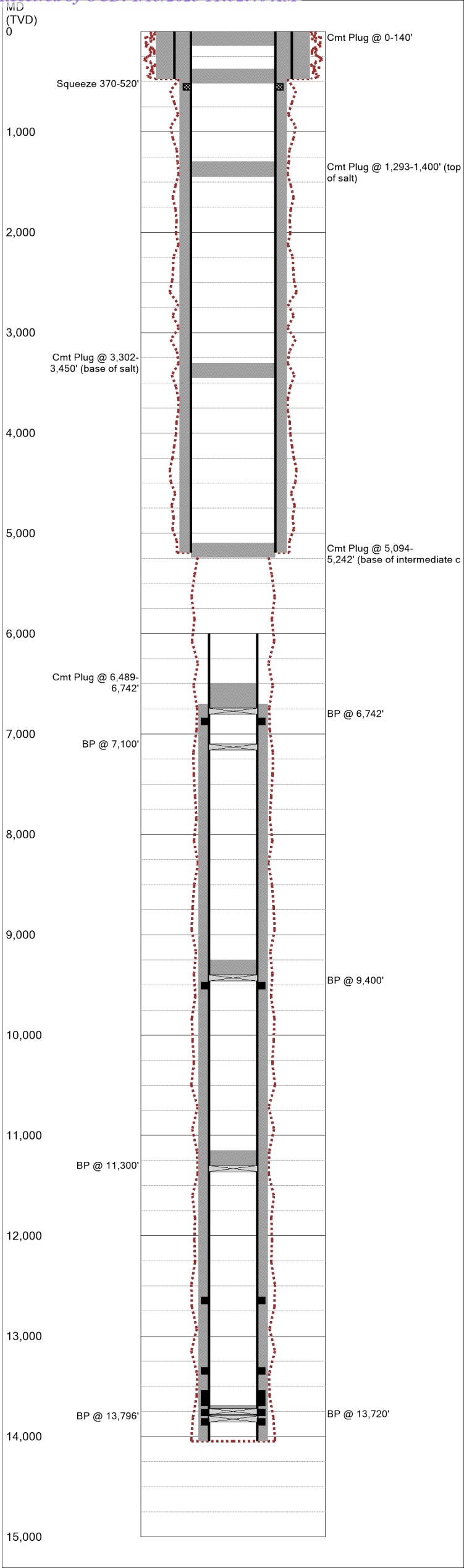
Field Name			Lease Name			Well No.		
Hat Mesa Delaware			New Mexico A Federal			2		
County			State			API No.		
Lea			New Mexico			30-025-25751-0000		
Version		Version Tag						
1		Current						
GL (ft)		KB (ft)	Section	Township/Block		Range/Survey		
3,673.0			4	21S		32E		
Operator				Well Type		Well Status		
Strata Production Co				Oil		TA		
Latitude				Longitude				
32.569067				-103.6775818				
Dist. N/S (ft)		Dir. N/S	Dist. E/W (ft)		Dir. E/W	Footage From		
1980		FNL	1970		FEL	Section 4		
Prop Num			Spud Date		Comp. Date		Plug Date	
			3/20/1978		8/3/1978			
Additional Information								
Other 1		Other 2		Other 3		Other 4		
Prepared By			Updated By			Last Updated		
jelgin			jelgin			9/9/2022 4:41 PM		
Hole Summary								
Date		Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
		17.500	0	473				
		12.250	473	5,192				
		7.875	5,192	14,047				
Tubular Summary								
Date		Description		O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
		Surface Casing		13.375	48.00		0	473
		Intermediate Casing		9.625	40.00		0	5,192
		Production Casing		5.500	17.00		0	14,047
		Rods		1.000			0	1,275
		Rods		0.875			0	4,100
		Rods		0.750			1,275	6,650
		Rods		1.500			6,650	6,900
		Tubing		2.875	6.50		0	6,981
Casing Cement Summary								
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Memo		
		650	13.375	0	473			
		3,250	9.625	0	5,192			
		675	5.500	6,700	14,047			
Tools/Problems Summary								
Date		Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)		Bottom (MD ft)
		BP		5.500	0.000	13,796		0
		BP		5.500	0.000	13,720		0
		BP		5.500	0.000	11,300		0
		BP		5.500	0.000	9,400		0
		BP		5.500	0.000	7,100		0
		TAC		5.500	2.441	6,080		0
		R Pump		1.250	0.000	6,900		6,926
Cement Plug Summary								
C	Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Memo		
		2	5.500	13,765	13,796			
		2	5.500	13,685	13,720			
		35	5.500	11,150	11,300			
		35	5.500	9,250	9,400			
Perforation Summary								
C	Date	Perf. Status	Formation		OA Top (MD ft)		OA Bottom (MD ft)	
		Isolated	Morrow		13,314		13,842	
		Isolated	Atoka		12,614		12,622	
		Isolated	Bone Springs		9,475		9,517	
		Open	Delaware		6,842		6,888	

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Field Name		Lease Name		Well No.		County		State		API No.			
Hat Mesa Delaware		New Mexico A Federal		2		Lea		New Mexico		30-025-25751-0000			
Version	Version Tag						Spud Date		Comp. Date		GL (ft)	KB (ft)	
1	Current						3/20/1978		8/3/1978		3,673.0		
Section	Township/Block		Range/Survey		Dist. N/S (ft)		Dir. N/S	Dist. E/W (ft)		Dir. E/W	Footage From		
4	21S		32E		1,980		FNL	1,970		FEL	Section 4		
Operator				Well Status				Latitude		Longitude		Prop Num	
Strata Production Co				TA				32.569067		-103.6775818			
Other 1			Other 2			Other 3			Other 4				
Last Updated			Prepared By					Updated By					
09/09/2022 4:41 PM			jelgin					jelgin					
Additional Information													
Hole Summary													
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo									
	17.500	0	473										
	12.250	473	5,192										
	7.875	5,192	14,047										
Tubular Summary													
Date	Description		No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo			
	Surface Casing			13.375	48.00			0	473				
	Intermediate Casing			9.625	40.00			0	5,192				
	Production Casing			5.500	17.00			0	14,047				
	Rods			1.000				0	1,275				
	Rods			0.875				0	4,100				
	Rods			0.750				1,275	6,650				
	Rods			1.500				6,650	6,900				
	Tubing			2.875	6.50			0	6,981				
Casing Cement Summary													
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo		
		650	1.34	871	0	13.375	0	473					
		3,250	1.34	4,355	0	9.625	0	5,192					
		675	1.34	905	40	5.500	6,700	14,047					
Tools/Problems Summary													
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo				
	Bridge Plug		5.500	0.000	13,796	0							
	Bridge Plug		5.500	0.000	13,720	0							
	Bridge Plug		5.500	0.000	11,300	0							
	Bridge Plug		5.500	0.000	9,400	0							
	Bridge Plug		5.500	0.000	7,100	0							
	Tubing Anchor		5.500	2.441	6,080	0							
	Rod Pump		1.250	0.000	6,900	6,926							
Cement Plug Summary													
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo			
		2	1.34	2.68	5.500	13,765	13,796						
		2	1.34	2.68	5.500	13,685	13,720						
		35	1.34	46.9	5.500	11,150	11,300						
		35	1.34	46.9	5.500	9,250	9,400						
Perforation Summary													
C	Date	Stage	Perf. Status		Formation			Closed Date		Memo			
			Isolated		Morrow								
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo						
13,314		13,318											
13,546		13,693											
13,730		13,740											
13,823		13,842											
			Isolated		Atoka								
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo						
12,614		12,622											
			Isolated		Bone Springs								
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo						
9,475		9,517											
			Open		Delaware								
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo						

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C	Date	Stage	Perf. Status	Formation		Closed Date	Memo
Top (MD ft)		Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo	
6,842		6,888					



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Field Name			Lease Name			Well No.	
Hat Mesa Delaware			New Mexico A Federal			2	
County			State			API No.	
Lea			New Mexico			30-025-25751-0000	
Version		Version Tag					
2		Proposed P&A					
GL (ft)	KB (ft)	Section	Township/Block			Range/Survey	
3,673.0		4	21S			32E	
Operator			Well Type			Well Status	
Strata Production Co			Oil			TA	
Latitude			Longitude				
32.569067			-103.6775818				
Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From			
1980	FNL	1970	FEL	Section 4			
Prop Num		Spud Date		Comp. Date		Plug Date	
		3/20/1978		8/3/1978			
Additional Information							
Hole full of 10 ppg gelled brine							
Other 1		Other 2		Other 3		Other 4	
Prepared By		Updated By			Last Updated		
jelgin		jelgin			9/13/2022 3:25 PM		
Hole Summary							
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo			
	17.500	0	473				
	12.250	473	5,192				
	7.875	5,192	14,047				
Tubular Summary							
Date	Description		O.D. (in)	Wt (lb/ft)	Grade	Top (MD ft)	Bottom (MD ft)
	Surface Casing		13.375	48.00		0	473
	Intermediate Casing		9.625	40.00		0	5,192
	Production Casing		5.500	17.00		6,000	14,047
Casing Cement Summary							
C	Date	No. Sx	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Memo	
		650	13.375	0	473		
		3,250	9.625	0	5,192		
		675	5.500	6,700	14,047		
Tools/Problems Summary							
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	
	BP		5.500	0.000	13,796	0	
	BP		5.500	0.000	13,720	0	
	BP		5.500	0.000	11,300	0	
	BP		5.500	0.000	9,400	0	
	BP		5.500	0.000	7,100	0	
	BP		5.500	0.000	6,742	0	
Cement Plug Summary							
C	Date	No. Sx	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Memo	
		2	5.500	13,765	13,796		
		2	5.500	13,685	13,720		
		35	5.500	11,150	11,300		
		35	5.500	9,250	9,400		
		30	5.500	6,489	6,742		
		50	9.625	5,094	5,242		
		50	9.625	1,293	1,450		
		100	12.250	370	520		
		50	12.250	4	140		
		50	9.625	3,302	3,450		
Perforation Summary							
C	Date	Perf. Status	Formation		OA Top (MD ft)	OA Bottom (MD ft)	
		Isolated	Morrow		13,314	13,842	
		Isolated	Atoka		12,614	12,622	
		Isolated	Bone Springs		9,475	9,517	
		Open	Delaware		6,842	6,888	
		Squeezed	Surface		520	521	

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Field Name		Lease Name		Well No.	County	State	API No.			
Hat Mesa Delaware		New Mexico A Federal		2	Lea	New Mexico	30-025-25751-0000			
Version	Version Tag				Spud Date	Comp. Date	GL (ft)	KB (ft)		
2	Proposed P&A				3/20/1978	8/3/1978	3,673.0			
Section	Township/Block		Range/Survey		Dist. N/S (ft)	Dir. N/S	Dist. E/W (ft)	Dir. E/W	Footage From	
4	21S		32E		1,980	FNL	1,970	FEL	Section 4	
Operator			Well Status			Latitude		Longitude		Prop Num
Strata Production Co			TA			32.569067		-103.6775818		
Other 1		Other 2			Other 3			Other 4		
Last Updated		Prepared By				Updated By				
09/13/2022 3:25 PM		jelgin				jelgin				
Additional Information										
Hole full of 10 ppg gelled brine										
Hole Summary										
Date	Diam. (in)	Top (MD ft)	Bottom (MD ft)	Memo						
	17.500	0	473							
	12.250	473	5,192							
	7.875	5,192	14,047							
Tubular Summary										
Date	Description		No. Jts	O.D. (in)	Wt (lb/ft)	Grade	Coupling	Top (MD ft)	Bottom (MD ft)	Memo
	Surface Casing			13.375	48.00			0	473	
	Intermediate Casing			9.625	40.00			0	5,192	
	Production Casing			5.500	17.00			6,000	14,047	
Casing Cement Summary										
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	Shoe Jt Len. (ft)	Csg. O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo
		650	1.34	871	0	13.375	0	473		
		3,250	1.34	4,355	0	9.625	0	5,192		
		675	1.34	905	40	5.500	6,700	14,047		
Tools/Problems Summary										
Date	Tool Type		O.D. (in)	I.D. (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo	
	Bridge Plug		5.500	0.000	13,796	0				
	Bridge Plug		5.500	0.000	13,720	0				
	Bridge Plug		5.500	0.000	11,300	0				
	Bridge Plug		5.500	0.000	9,400	0				
	Bridge Plug		5.500	0.000	7,100	0				
	Bridge Plug		5.500	0.000	6,742	0				
Cement Plug Summary										
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description		Memo
		2	1.34	2.68	5.500	13,765	13,796			
		2	1.34	2.68	5.500	13,685	13,720			
		35	1.34	46.9	5.500	11,150	11,300			
		35	1.34	46.9	5.500	9,250	9,400			
		30	1.34	40.2	5.500	6,489	6,742			
		50	1.34	67	9.625	5,094	5,242			
		50	1.34	67	9.625	1,293	1,450			
		100	1.34	134	12.250	370	520			
		50	1.34	67	12.250	4	140			
		50	1.34	67	9.625	3,302	3,450			
Perforation Summary										
C	Date	Stage	Perf. Status		Formation		Closed Date		Memo	
			Isolated		Morrow					
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			
13,314		13,318								
13,546		13,693								
13,730		13,740								
13,823		13,842								
		Isolated		Atoka						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			
12,614		12,622								
		Isolated		Bone Springs						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			
9,475		9,517								
		Open		Delaware						
Top (MD ft)		Bottom (MD ft)		SPF	Shots	Phasing (deg)	Interval Memo			

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C	Date	Stage	Perf. Status	Formation			Closed Date	Memo
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
	6,842	6,888						
		Squeezed	Surface					
	Top (MD ft)	Bottom (MD ft)	SPF	Shots	Phasing (deg)	Interval Memo		
	520	521	4	4				

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 175912

CONDITIONS

Operator: STRATA PRODUCTION CO P.O. Box 1030 Roswell, NM 882021030	OGRID: 21712
	Action Number: 175912
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	BLM approved P&A 10/2/22 50/50 plug should be placed at attempted csg cut per NMOCD COA's	3/22/2023