

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.

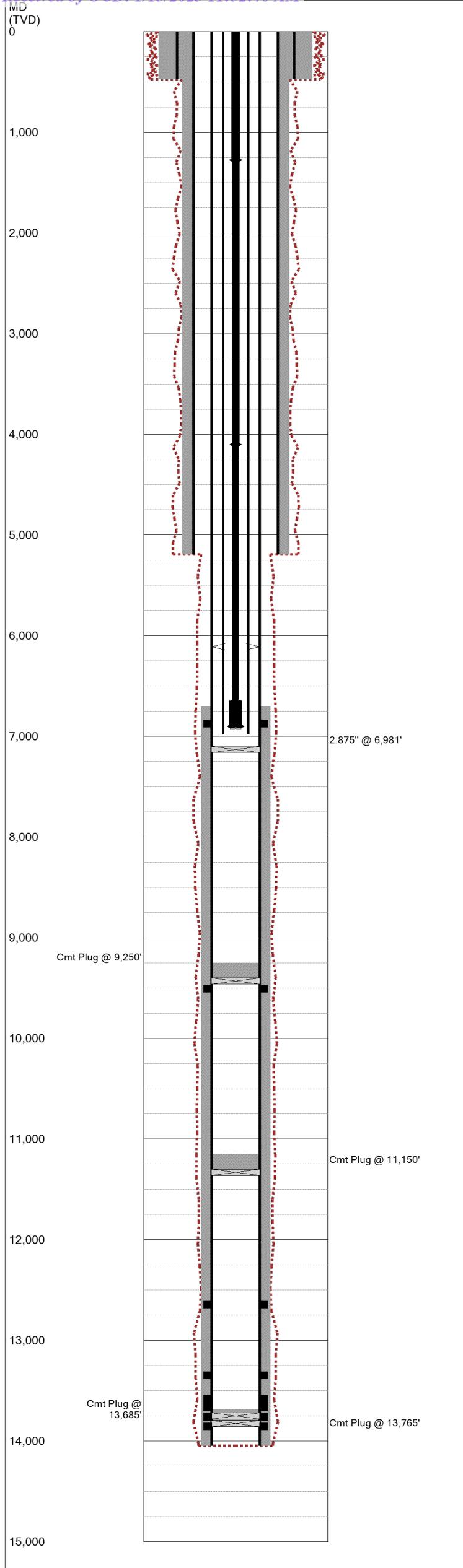
BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form 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: 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)



Last Updated: 9/9/2022 04:41 PM

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	
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

Last Updated: 9/9/2022 04:41 PM

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

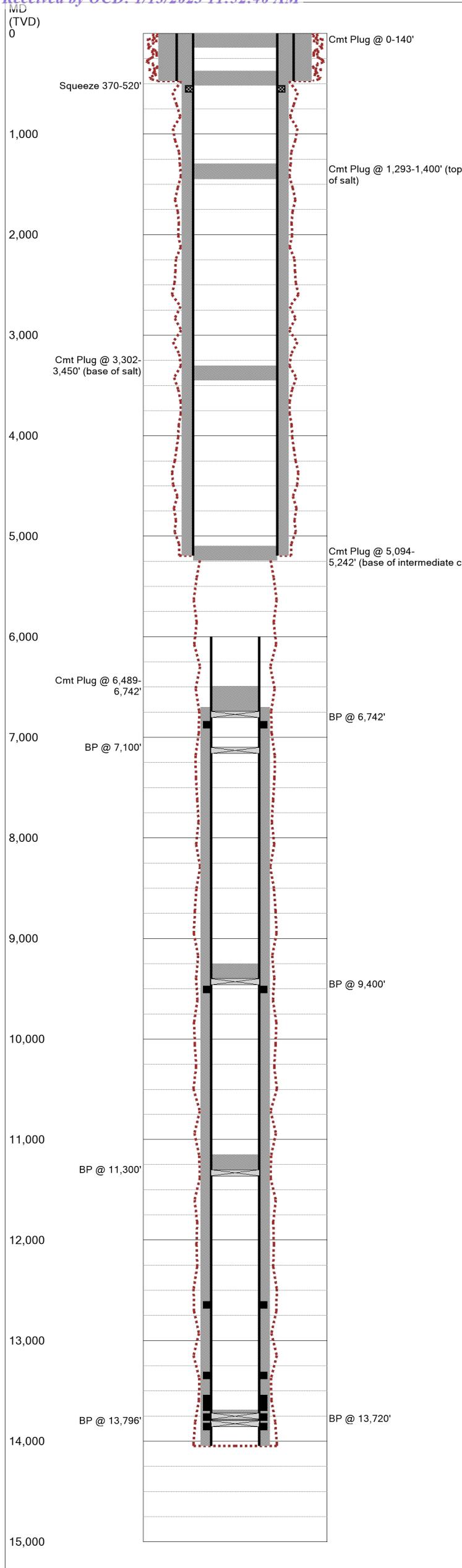
C	Date	No. Sx	Yield (ft3/sk)	Vol. (ft3)	O.D. (in)	Top (MD ft)	Bottom (MD ft)	Description	Memo
		2	1.34	2.68	5.500	13,765	13,796		
		2	1.34	2.68	5.500	13,685	13,720		
		35	1.34	46.9	5.500	11,150	11,300		
		35	1.34	46.9	5.500	9,250	9,400		

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					



Last Updated: 9/13/2022 03:25 PM

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
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

Last Updated: 9/13/2022 03:25 PM

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