

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

## 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.Carlsbad Field Office  
OCD ArtesiaLease Serial No.  
NMNM108964

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	6. If Indian, Allottee or Tribe Name
2. Name of Operator CHEVRON USA INCORPORATED	7. If Unit or CA/Agreement, Name and/or No.
Contact: GRIFFIN HAYS E-Mail: griffin@mammothexp.com	8. Well Name and No. LIMESTONE DRAW FEDERAL 1
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	9. API Well No. 30-015-33211-00-S1
3b. Phone No. (include area code) Ph: 432-305-0953 Fx: 432-686-8015	10. Field and Pool or Exploratory Area LIMESTONE DRAW-MORROW
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T20S R25E NWNW 650FNL 448FEL	11. County or Parish, State EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Alter Casing
	<input type="checkbox"/> Hydraulic Fracturing
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection
	<input checked="" type="checkbox"/> Plug Back
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input type="checkbox"/> Other

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.

- 1) Release packer and POOH with 2-3/8" tbg as per the attached diagram
- 2) RIH set CIBP at 9,760' and dump 3 sks cmt to plug
- 3) Perforate Atoka formation 4 spf from @ 9373-9379'
- 4) RIH with tbg and pkr
- 5) Spot acid and acidize with 1500 gal of 15% NeFe
- 6) Flow test Atoka
- 7) Release pkr and POOH with 2-3/8" tbg
- 8) Set RBP above ATOKA
- 9) Perforate Strawn formation 4 spf from @ 8862-88701' & 8679-8686'
- 10) RIH with tbg & pkr
- 11) Spot acid and acidize with 3000 gal of 15 % NeFe, using salt as diverter
- 12) Swab test perforations

GC  
Accepted for record - NMOCENTERED  
1-10-2019

RECEIVED

JAN 10 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #448292 verified by the BLM Well Information System For CHEVRON USA INCORPORATED, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 12/20/2018 (19PP0665SE)	
Name (Printed/Typed) RICK PETERSEN	Title OPERATIONS ENGINEER
Signature (Electronic Submission)	Date 12/18/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jonathon Shepard	Date DEC 20 2018
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.	Petroleum Engineer Carlsbad Field 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)

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional data for EC transaction #448292 that would not fit on the form**

**32. Additional remarks, continued**

- 13) If necessary, frac as per forthcoming recommendation
- 14) Flow well back and turn well to production facility
- 15) Acquire authority to commingle zones, remove RBP & produce well

**Division I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0726  
**Division II**  
511 S. First St., Artesia, NM 88210  
Phone: (575) 748-1531 Fax: (575) 748-9920  
**Division III**  
1060 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
**Division IV**  
1220 S. St. Francis Dr. Santa Fe, NM 87505  
Phone: (505) 476-4460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-33211	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name STRAWN
<sup>4</sup> Property Code 321468	<sup>5</sup> Property Name LIMESTONE DRAW FEDERAL	<sup>6</sup> Well Number 001
<sup>7</sup> OGRID No. 372233	<sup>8</sup> Operator Name MAMMOTH EXPLORATION LLC	<sup>9</sup> Elevation 3526 GL

<sup>10</sup> Surface Location

1/4 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	35	20S	25E	A	650	N	448	E	EDDY

<sup>11</sup> Bottom Hole Location If Different From Surface

1/4 or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	35	20S	25E	A	650	N	448	E	EDDY

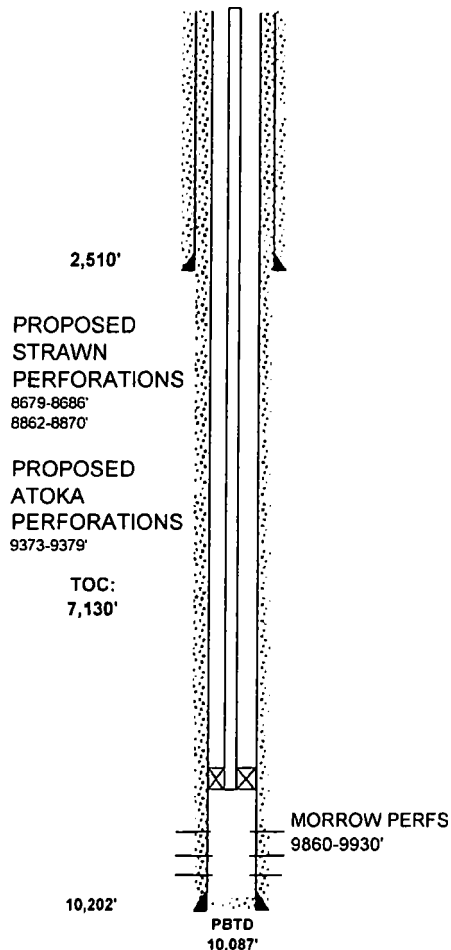
<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

					<p><b><sup>16</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained in this report is true and correct to the best of my knowledge, and that this report was prepared by me or under my supervision and control, and that I am a duly licensed professional engineer or geologist in the State of New Mexico. The bottom hole location or location shall be as shown on this plat, and no person in a contract with me or my firm shall be authorized to alter or amend this report without my written consent.</p> <p>Signature: <i>Griffin Hays</i> Date: 8-21-2011</p> <p>GRIFFIN HAYS Printed Name</p> <p>griffin.hays@nmdnr.state.nm.us E-mail Address</p>
					<p><b><sup>17</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey:</p> <p>Signature and Seal of Professional Surveyor:</p>
					<p>Certificate Number</p>

# Mammoth Exploration LLC

LIMESTONE DRAW FEDERAL NO. 1 - <i>Current WBS</i>									
Location: 650' FNL & 448' FEL				Field: LIMESTONE		Formation: MORROW			
County: EDDY		NEW MEXICO		Sec 35 - T20S - R25E					
API# 33-015-33211				Size	Wgt, lb/ft	Grade	Hole Size	Depth	Sx. Cmt.
GL:		3,578'		Surf. Csg:	13-3/8"	48	17-1/2"	395'	810
KB:		3,596'		Casing:	8-5/8"	32	11-	2,510'	820
Spud:		1/3/2006			5-1/2"	17	7-7/8"	10,202'	900
PBTD:		10,087'							

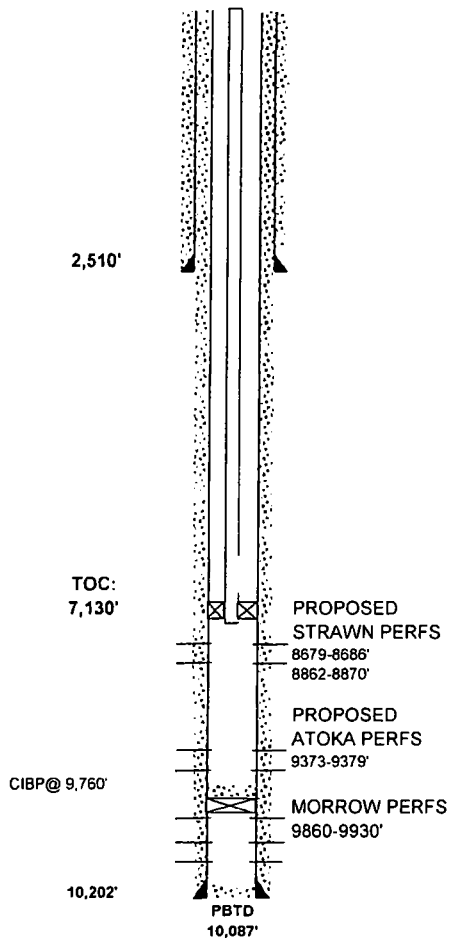


Tubing:							
OD	2 3/8"	Thread		WT		Grade	
OD		Thread		WT		Grade	
Rods:	No.	Length	Type	Pump:			
		0		Type:			
		0		Size			
		0		Barrel			
		0		Spaced @			
		0		Pumping Unit			
K-Bar		0		Stroke:	Sheave:	Tbg Spool:	
Subs:				SPM:	Belts:		
				Motor:		Size or IIP	
Tubing & BHA				TD 10,020'	PBTD 10,087'	KB 18.5	
Joints	Description			Length	Set @	Formation:	
221	2 3/8" Tubing			9,808	9808'	MORROW	
1	2 3/8" API Seal Nipple						
1	5-1/2" P.K.C.			4	9812'		
						Perforations:	
						9,860 - 9,930'	updated 8/24/2018 LIT

# Mammoth Exploration LLC

## LIMESTONE DRAW FEDERAL NO. 1 PROPOSED

Location: 650' FNL & 448' FEL		Field: LIMESTONE		Formation: STRAWN/ATOKA				
County: EDDY NEW MEXICO		Sec 35 - T20S - R25E						
API# 33-015-33211			Size	Wgt, lb/ft	Grade	Hole Size	Depth	Sx. Cmt.
GL: 3,578'		Surf. Csg:	13-3/8"	48		17-1/2"	395'	810
KB: 3,596'		Casing:	8-5/8"	32		11-	2,510'	820
Spud: 1/3/2006			5-1/2"	17		7-7/8"	10,202'	900
PBTD: 10,087'								



<b>Tubing:</b>									
OD	2 3/8"	Thread		WT		Grade			
OD		Thread		WT		Grade			
Rods:	No.	Length	Type	Pump:					
		0		Type:					
		0		Size					
		0		Barrel					
		0		Spaced @					
		0		Pumping Unit					
		0		Stroke:	Sheave:	Tbg Spool:			
K-Bar		0		SPM:	Belts:				
Subs:				Motor:	Size or HP				
<b>Tubing &amp; BHA</b>				TD	10,020'	PBTD	10,087'	KB	18.5
Joints	Description			Length		Set @		Formation:	
190	2 3/8" Tubing			8870'		8870'		MORROW	
1	2 3/8" API Seal Nipple								
1	5-1/2" PKR			4		8874'			
								Perforations:	
								9,860 - 9,930'	

## **BUREAU OF LAND MANAGEMENT**

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

### **Conditions of Approval for Permanent Abandonment of a Production Zone**

1. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
2. **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 9,100 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. **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.
4. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the approved 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. 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 (or 35 feet with a bailer). Before pumping cement on top of CIBP, a 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.
5. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file a Subsequent Report (Form 3160-5) to BLM. The report should give in detail the manner in which the plug back 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 work was completed. If plugging back to a new zone submit a Completion Report (Form 3160-4) with the Subsequent Report.
6. **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.
7. **If well location is within the Timing Limitation Stipulation Area for Lesser Prairie-Chicken:** From March 1<sup>st</sup> through June 15<sup>th</sup> 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.