

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.

Case 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 MAMMOTH EXPLORATION LLC		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 200 N LORAIN ST STE 1100 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432.305.0953 Fx: 432.686.8015	9. API Well No. 30-015-33211-00-S1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 36 T20S R25E NWNW 650FNL 448FEL		10. Field and Pool or Exploratory Area LIMESTONE DRAW-MORROW
		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"/> 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 checked="" 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 determined that the site is ready for final inspection.

GC 4/30/19
Accepted for record NMOC

- 1) MIRU PU. ND WH, NU BOP.
- 2) POOH w/ 2-3/8" tbg standing back.
- 3) MIRU Wireline Co. If necessary RIH & set secondary CIBP @ ~4600'. POOH. RIH & dump bail 20' of cmt on top of CIBP. POOH.
- 4) Pick up & RIH w/ 3-1/8" guns and perf the Bonespring formation @ 4422'-4490' @ 4 spf. RDMO wireline Co.
- 5) PU tbg and treating pkr and RIH to setting depth @ 4370'.
- 6) MIRU acid co., spot acid, and acidize Bonespring perms w/ 4500 gals of 15 % NeFe Acid. RDMO acid co. Flow well back.
- 7) RU swab tools and commence swab testing the Bonespring.
- 8) Release treating pkr and POH w/ pkr & tbg.
- 9) If necessary, frac as per forthcoming recommendation. Flow well back.

RECEIVED

APR 25 2019

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #461316 verified by the BLM Well Information System
For MAMMOTH EXPLORATION LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 04/15/2019 (19PP1673SE)

Name (Printed/Typed) RICK PETERSEN

Title OPERATIONS ENGINEER

Signature (Electronic Submission)

Date 04/12/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By /s/ Jonathon Shepard

Title Petroleum Engineer

APR 19 2019

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.

Carlsbad Field Office

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 **

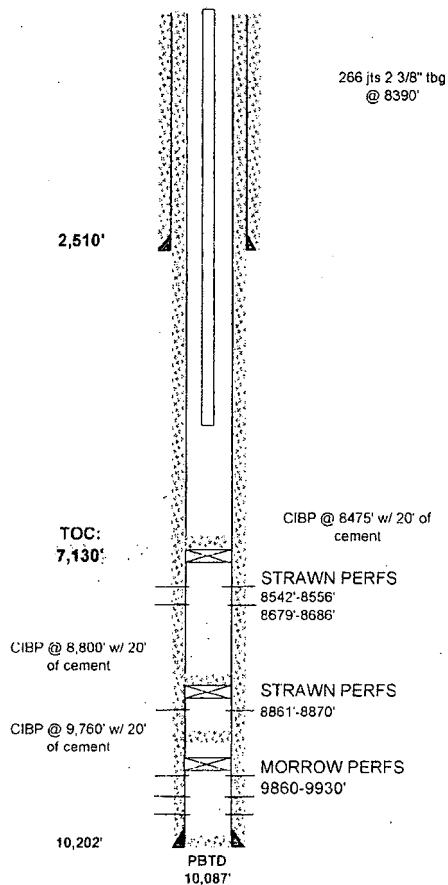
Additional data for EC transaction #461316 that would not fit on the form

32. Additional remarks, continued

- 10) PU tbg & BHA and RIH to setting depth below perms.
- 11) ND BOP, NU WH.
- 12) PU pump and rods and RIH to SN setting depth.
- 13) Space out pump, load and test for pump action.
- 14) Hang well on, turn to produciton, and commence testing.
- 15) RD and release all equipment. Clean location.

Mammoth Exploration LLC

LIMESTONE DRAW FEDERAL NO. 1 CURRENT								
Location: 650' FNL & 448' FEL				Field: LIMESTONE		Formation: STRAWN/ATOKA		
County: EDDY		NEW MEXICO		Sec 35 - T20S - R25E				
API#	30-015-33211		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'							

[illegible]

LIMESTONE DRAW FEDERAL NO. 1 PROPOSED

Tubing, Rods, & Pump

2,510'

PROPOSED BONSE SPRING
PERFS @ 4422'-4490'

CIBP @ 8475' w/ 20' of cement

TOC:
7,130'

STRAWN PERFS
8542'-8556'
8679'-8686'

STRAWN PERFS
8861'-8870'

MORROW PERFS
9860'-9930'

10,202'

PBTD
10,087'

updated 4/3/2019 (JT)

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 1st through June 15th 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.