

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTNMOCD  
HobbsFORM 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.*5. Lease Serial No.  
NMNM13647

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on page 2** MAR 22 2018

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
MARATHON OIL PERMIAN LLCContact: JENNIFER VAN CUREN  
E-Mail: jvancuren@marathonoil.com3a. Address  
5555 SAN FELIPE  
HOUSTON, TX 770563b. Phone No. (include area code)  
Ph: 713-296-25008. Well Name and No.  
CAVE LION 5 FEDERAL BC 1H9. API Well No.  
30-025-4408710. Field and Pool or Exploratory Area  
JABALINA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 5 T26S R35E 185FSL 330FWL

11. County or Parish, State

LEA COUNTY, NM

## 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 checked="" 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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Production Start-up
	<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 determined that the site is ready for final inspection.

1/12/2018 Started Frac Prep operations. 1/29/2018 start frac stages 1-31 with 3 shots per foot for a total of 930 shots 0.44" in size in the Jabalina formation using 100 Mesh and 40/70 sand. Stimulated with 756 bbls of 15% HCl acid. 2/19/2018 opened to flowback. First oil on Completed well with hydraulic fracturing treatment and Plug and Perf operations. Total interval from 12478-16970. Turn well to flowback on 02/19/18. First oil on 3/1/2018. Turned over to production.

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

Electronic Submission #405552 verified by the BLM Well Information System  
For MARATHON OIL PERMIAN LLC, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 02/28/2018 ( )

Name (Printed/Typed) JENNIFER VAN CUREN

Title SR. REGULATORY COMPLIANCE REP

Signature (Electronic Submission)

Date 02/23/2018

## THIS 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)

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* KZ



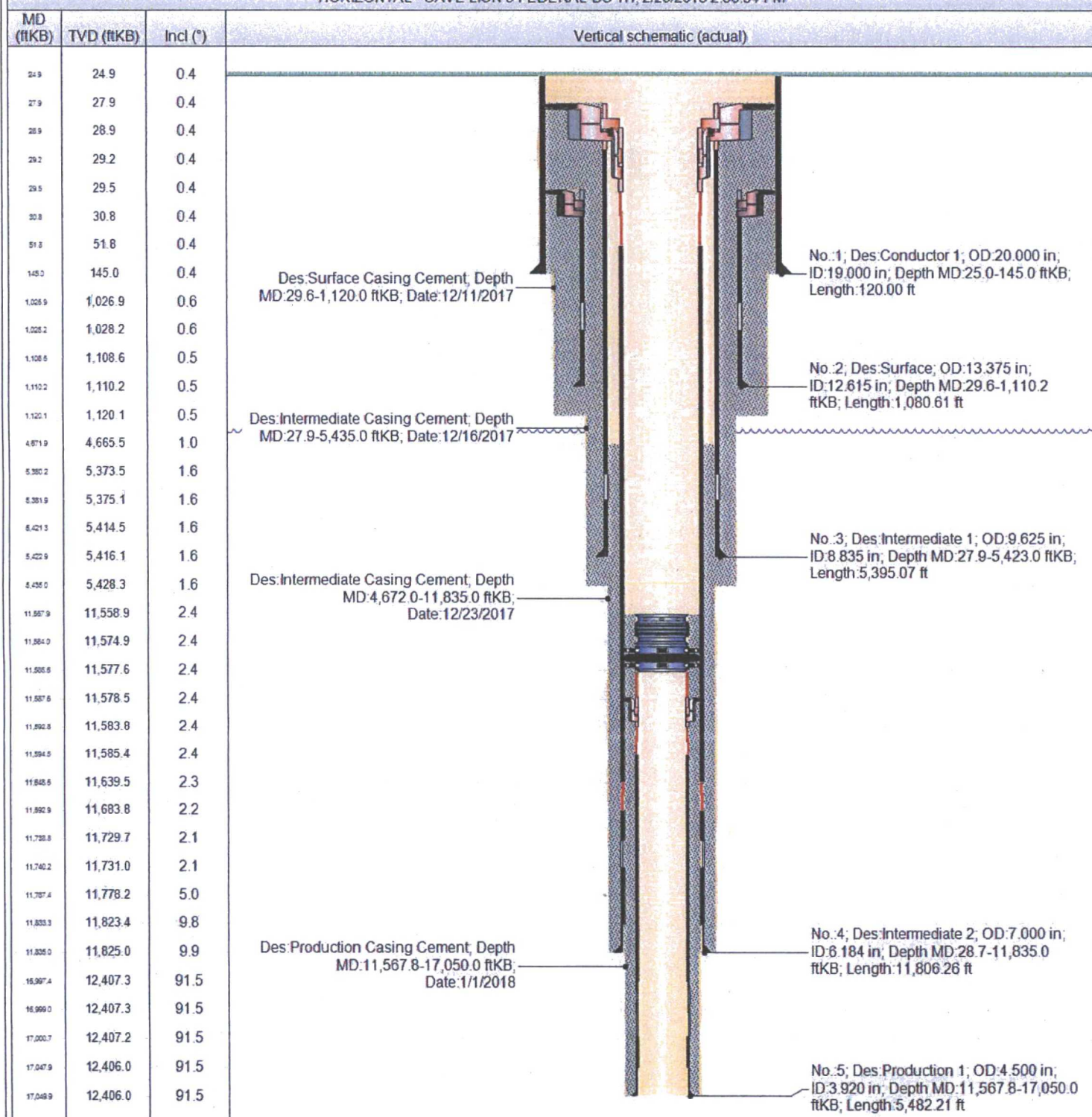


## Wellbore Schematic

Well Name: CAVE LION 5 FEDERAL BC 1H

State/Province <b>NEW MEXICO</b>	Prospect Area <b>RED HILLS</b>	Field Name	Well Subtype	Lat/Long Datum <b>NAD27</b>	Latitude (°) <b>32.065479</b>	Longitude (°) <b>-103.396492</b>
Well Configuration Type <b>HORIZONTAL</b>	Well Objective <b>EXPLOITATION</b>	Well Status <b>COMPLETION</b>		Ground Elevation (ft) <b>3,271.00</b>	KB-Ground Distance (ft) <b>25.00</b>	

HORIZONTAL - CAVE LION 5 FEDERAL BC 1H, 2/20/2018 2:06:54 PM



Directions to Well: FROM THE INTERSECTION OF STATE HIGHWAY 128 (EAST KANSAS AVENUE) AND STATE HIGHWAY 18 IN THE CITY OF JAL NEW MEXICO, TRAVEL WEST ON AID STATE HIGHWAY 128 FOR 14.1 MILES TO CONTY RD # 2 (BATTLE AXE ROAD) ON THE LEFT. TRAVEL SOUTHWEST ON BATTLE AXE ROAD FOR 12.3 MILES TO A LEASE ROAD ON THE LEFT. TRAVEL SOUTH ON LEASE ROAD FOR 0.7 MILES ON THE LEFT. TRAVEL EAST ON LEASE ROAD FOR 7.8 MILES TO A LEASE RAD TO THE RIGH. TRAVEL EAST ON LEASE ROAD FOR 0.3 MILES TO PROPOSED WELL 232 FEET ON THE LEFT.



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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 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	<sup>2</sup> Pool Code XXXXXX	<sup>3</sup> Pool Name XXXXXXXX
<sup>4</sup> Property Code	<sup>5</sup> Property Name CAVE LION 5 FEDERAL BC	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 372098	<sup>8</sup> Operator Name MARATHON OIL PERMIAN, LLC	<sup>9</sup> Elevation 3271'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	T26S	R35E		185'	SOUTH	330'	WEST	LEA

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	5	T26S	R35E		332'	NORTH	315'	WEST	LEA

<sup>12</sup> Dedicated Acres 160	<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><sup>16</sup></p>				<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Jennifer Van Curen</i>      2/21/2018 Signature      Date</p> <p>Jennifer Van Curen Printed Name</p> <p>jvancuren@marathonoil.com E-mail Address</p>	
<p><b><sup>18</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><i>PRELIMINARY</i> THIS DOCUMENT IS NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, SALE OR THE BASIS FOR THE ISSUANCE OF A PERMIT.</p> <p>_____ Date of Survey Signature and Seal of Professional Surveyor</p>				<p>Certificate Number</p>	