

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BC OPERATING, INC. P.O. BOX 50820 MIDLAND, TX 79710		² OGRID Number 160825
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-43095	⁵ Pool Name JABALINA; DELAWARE, SW	⁶ Pool Code 97597
⁷ Property Code 316014	⁸ Property Name MAMMOTH 1 FEDERAL	⁹ Well Number 1H

II. ¹⁰ Surface Location

UL or lot no. P	Section 1	Township 26 S	Range 34 E	Lot Idn	Feet from the 220	North/South Line SOUTH	Feet from the 380	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. A	Section 1	Township 26 S	Range 34 E	Lot Idn	Feet from the 270	North/South line NORTH	Feet from the 360	East/West line EAST	County LEA
¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
214754	LPC CRUDE OIL, INC. P.O. BOX 3821, MIDLAND, TX 79702	O

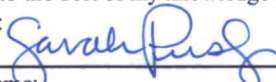
IV. Well Completion Data

²¹ Spud Date 7/25/2016	²² Ready Date 10/5/2016	²³ TD 9,129'	²⁴ PBTB 13,693	²⁵ Perforations 9,069'-13,640'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5"	13.375"	1,141'	980 SX		
12.25"	9.625"	5,376'	1260 SX		
8.75	5.5"	13,743'	1480 SX		
	2-7/8"	9,000'			

V. Well Test Data

³¹ Date New Oil 10/28/2016	³² Gas Delivery Date	³³ Test Date 11/19/2016	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure N/A	³⁶ Csg. Pressure N/A
³⁷ Choke Size N/A	³⁸ Oil 1099	³⁹ Water 3185	⁴⁰ Gas 1100		⁴¹ Test Method PUMPING

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: 

Printed name:
SARAH PRESLEY

Title:
REGULATORY ANALYST

E-mail Address:
SPRESLEY@BCOPERATING.COM

Date:
12.7.2016

Phone:
432-684-9696

OIL CONSERVATION DIVISION

Approved by:

Title:


Petroleum Engineer

Approval Date:

12/16/16

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.5. Lease Serial No.
NMNM113970

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
MAMMOTH 1 FEDERAL 1H9. API Well No.
30-025-4309510. Field and Pool or Exploratory Area
JABALINA; DELAWARE, SW11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
BC OPERATING.COMContact: SARAH PRESLEY
E-Mail: SPRESLEY@BCOPERATING.COM3a. Address
PO BOX 50820
MIDLAND, TX 797103b. Phone No. (include area code)
Ph: 432-684-9696

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

Sec 1 T26S R34E Mer NMP SESE 220FSL 380FEL

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	Drilling Operations
	<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 recompleate 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 recompleation 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.

7/25/2016: SPUD

9/25/2016: TEST CASING TO 8800 PSI. LOST 2 PSI IN 2 MINS. GOOD TEST

9/26/2016-10/1/2016: FRAC WELL

10/2/2016: CLEANOUT WITH COIL TUBING TO 13,743'

10/5/2016: COMMENCED FLOWBACK. WELL ON PRODUCTION.

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

**Electronic Submission #360222 verified by the BLM Well Information System
For BC OPERATING.COM, sent to the Hobbs**

Name (Printed/Typed) SARAH PRESLEY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/07/2016

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 ****

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 12 2016

5. Lease Serial No.
NMNM1139701a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
BC OPERATING, INC. Contact: SARAH PRESLEY
E-Mail: SPRESLEY@BCOPERATING.COM8. Lease Name and Well No.
MAMMOTH 1 FEDERAL 1H3. Address P.O. BOX 50820
MIDLAND, TX 797103a. Phone No. (include area code)
Ph: 432-684-96969. API Well No.
30-025-43095

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SESE 220FSL 380FEL

At top prod interval reported below SESE 220FSL 380FEL

At total depth NENE 270FNL 360FEL

10. Field and Pool, or Exploratory
JABALINA; DELAWARE, SW11. Sec., T., R., M., or Block and Survey
or Area Sec 1 T26S R34E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
07/25/201615. Date T.D. Reached
08/14/201616. Date Completed
☐ D & A ☒ Ready to Prod.
10/05/201617. Elevations (DF, KB, RT, GL)*
9129 GL18. Total Depth: MD 13743
TVD 912919. Plug Back T.D.: MD 13693
TVD20. Depth Bridge Plug Set: MD
TVD 900021. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	61.0	0	1141		980		0	
12.250	9.625 L80	40.0	0	5376		1260		0	
8.750	5.500 P110	20.0	0	13743		1480		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	9000	9000						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELWARE	9069	13640	9069 TO 13640			71 FRAC PORTS
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9069 TO 13640	*SEE ATTACHED FRAC SUMMARY SHEET*

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/28/2016	11/19/2016	24	→	1099.0	1100.0	3185.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→					POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #360199 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
FLARED

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER SALT DELDWARE SAND CHERRY CANYON BRUSHY CANYON	1085 1273 5394 6387 7750				

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #360199 Verified by the BLM Well Information System.
For BC OPERATING, INC., sent to the Hobbs

Name (please print) SARAH PRESLEY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/07/2016

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Mammoth Federal #1H

Treatment Summary

Stage	Perf
1	13,640'
2	13,574'
3	13,509'
4	13,445'
5	13,379'
6	13,314'
7	13,249'
8	13,183'
9	13,117'
10	13,052'
11	12,986'
12	12,924'
13	12,859'
14	12,792'
15	12,725'
16	12,659'
17	12,593'
18	12,528'
19	12,464'
20	12,396'
21	12,330'
22	12,263'
23	12,198'
24	12,135'
25	12,070'
26	12,004'
27	11,940'
28	11,878'
29	11,813'
30	11,751'
31	11,687'
32	11,624'
33	11,559'
34	11,495'
35	11,433'
36	11,369'
37	11,305'
38	11,241'
39	11,174'
40	11,110'
41	11,043'
42	10,976'
43	10,910'
44	10,844'

Fluid	
37,152	15% Acid
123,086	Treated Water
1,117,894	10# Linear
3,794,474	20# HyBor
5,072,606	BBLs

Proppant	
727,101	100 Mesh
6,262,647	20/40 Ottawa
1,808,846	20/40 SLC
8,798,594	Pounds

Total Stages	71
Lateral Length	4,636'

HOBBS OCD
DEC 1 2 2016
RECEIVED

Mammoth Federal #1H**Treatment Summary**

45	10,779'
46	10,712'
47	10,647'
48	10,580'
49	10,517'
50	10,451'
51	10,385'
52	10,320'
53	10,256'
54	10,189'
55	10,124'
56	10,056'
57	9,991'
58	9,925'
59	9,857'
60	9,791'
61	9,726'
62	9,660'
63	9,596'
64	9,530'
65	9,465'
66	9,399'
67	9,333'
68	9,266'
69	9,202'
70	9,136'
71	9,069'