

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		DEC 12 2016 RELIEVED		² OGRID Number 160825
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.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
P	1	26 S	34 E		220	SOUTH	380	EAST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	1	26 S	34 E		270	NORTH	360	EAST	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	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
7/25/2016	10/5/2016	9,129'	13,693	9,069'-13,640'	
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	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
10/28/2016		11/19/2016	24 HRS	N/A	N/A
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
N/A	1099	3185	1100	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: *Sarah Presley*

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:	<i>[Signature]</i>
Title:	Petroleum Engineer
Approval Date:	12/16/16

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MAMMOTH 1 FEDERAL 1H

2. Name of Operator
BC OPERATING.COM
Contact: SARAH PRESLEY
E-Mail: SPRESLEY@BCOPERATING.COM

9. API Well No.
30-025-43095

3a. Address
PO BOX 50820
MIDLAND, TX 79710

3b. Phone No. (include area code)
Ph: 432-684-9696

10. Field and Pool or Exploratory Area
JABALINA; DELAWARE, SW

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 1 T26S R34E Mer NMP SESE 220FSL 380FEL

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 Drilling Operations
	<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.

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 _____
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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 ****

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

DEC 12 2016

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Reserv.
 Other _____

2. Name of Operator: BC OPERATING, INC. Contact: SARAH PRESLEY
 E-Mail: SPRESLEY@BCOPERATING.COM

3. Address: P.O. BOX 50820 MIDLAND, TX 79710 3a. Phone No. (include area code) Ph: 432-684-9696

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

5. Lease Serial No. NMNM113970

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No. MAMMOTH 1 FEDERAL 1H

9. API Well No. 30-025-43095

10. Field and Pool, or Exploratory JABALINA; DELAWARE, SW

11. Sec., T., R., M., or Block and Survey or Area Sec 1 T26S R34E Mer NMP

12. County or Parish LEA 13. State NM

14. Date Spudded 07/25/2016 15. Date T.D. Reached 08/14/2016 16. Date Completed D & A Ready to Prod. 10/05/2016

17. Elevations (DF, KB, RT, GL)* 9129 GL

18. Total Depth: MD 13743 TVD 9129 19. Plug Back T.D.: MD 13693 TVD 9000 20. Depth Bridge Plug Set: MD TVD 9000

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL

22. 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 Cementer 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

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

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

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	1085				
SALT	1273				
DELWARE SAND	5394				
CHERRY CANYON	6387				
BRUSHY CANYON	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 ****

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
<u>5,072,606</u>	BBLS

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