

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**Carlsbad Field Office**  
**OCD Hobbs**

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.*

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No.
2. Name of Operator BC OPERATING, INC.		8. Well Name and No. MAMMOTH 1 FEDERAL #1H
3a. Address P.O. BOX 50820 MIDLAND, TX 79710	3b. Phone No. (include area code) (432) 684-9696	9. API Well No. 30-025-43095
4. Location of Well (Footage, Sec., T.R., M., or Survey Description) 220' FSL & 380' FEL, SEC. 1-T26S-R34E		10. Field and Pool or Exploratory Area JABALINA; DELAWARE, SW
		11. Country or Parish, State LEA CO., 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 checked="" 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 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 recomplate 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.)

BC OPERATING, INC. RESPECTFULLY REQUESTS TO CHANGE THE CASING AND CEMENT PROGRAMS FOR THE SUBJECT WELL.

\*\*\*SEE ATTACHED\*\*\*

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
JUL 29 2016  
RECEIVED

*All previous COAs still apply*

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) SARAH PRESLEY	REGULATORY ANALYST Title
Signature <i>Sarah Presley</i>	Date 07/11/2016

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by <b>Teungku Muchlis Krueng</b>	PETROLEUM ENGINEER Title
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

**APPROVED**  
JUL 20 2016  
BUREAU OF LAND MANAGEMENT  
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.

### Casing Program

Hole Size	Casing from	Casing To	Casing Size	Weight	Grade	Conn.	SF Collapse	SF Burst	SF Tension
17.5"	0	1,100'	13-3/8"	61	J55	BTC	3.05	3.6	15
12.25"	0	5,375'	9-5/8"	40	L-80	BTC	1.5	2.05	4.8
8.75"	0	13,635'	5-1/2"	20	P-110	BTC	2.6	2.9	2.45

### Cement Program

Casing	Class	Additives	PPG	Yield	# of Sacks
Surface (Lead)	65/35 C	Gel 6%	12.6	2.01	600
Surface (Tail)	C	CaCl <sub>2</sub> 1%	14.8	1.34	325
Intermediate (Lead)	50/50 C	Gel 10% C-19 .3% Fluid Loss Cello-Flake .25% Salt 5%	11.8	2.45	850
Intermediate (Tail)	C	Gel 2% C-12 .3% Fluid Loss Salt 5%	14.2	1.30	425
Production (Lead)	NeoCem TM		11	3.167	815
Production (Tail)	Solucem TM Cement	.3% Super CBL .25% lbm/sk D-AIR 5000 .6% HR-601	15	2.619	760