

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**HOBBS OCD**

**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.*

OCD Hobbs

DEC 09 2016

**RECEIVED**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
NMNM12568A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
BONDURANT FEDERAL 008 ✓

9. API Well No.  
30-025-31440

10. Field and Pool, or Exploratory  
BUFFALO (YATES)

11. County or Parish, and State  
LEA COUNTY, NM

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CIMAREX ENERGY CO OF COLORADO ✓ Contact: DAVID A EYLER  
Email: DEYLER@MILAGRO-RES.COM

3a. Address  
600 N. MARIENFELD, SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-687-3033

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 1 T19S R32E SWNW 990FNL 2310FWL ✓

**12. CHECK 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
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Aba
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal

INT TO PA Am X  
P&A NR \_\_\_\_\_  
P&A R \_\_\_\_\_

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 recompletable 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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) SET 5-1/2" CIBP @ 3,450'; PUMP 25 SXS.CMT. @ 3,450'-3,330'(T/YATES,B/SALT).
- 2) CIRC. WELL W/ PXA MUD; PRES. TEST 5-1/2" CSG. TO 500# X HOLD.
- 3) PUMP 35 SXS.CMT. @ 1,595'-1,374'(T/SALT, T/ANHY.); WOC X TAG CMT. PLUG. *below*
- 4) MIX X CIRC. TO SURF. 85 SXS.CMT. @ 660'-3'.
- 5) DIG OUT X CUT OFF WELLHEAD 3' B.G.L.; WELD ON STEEL PLATE TO CSGS. X INSTALL GROUND LEVEL DRY HOLE MARKER.

DURING THIS PROCEDURE WE PLAN TO USE THE CLOSED-LOOP SYSTEM AND HAUL CONTENTS TO THE REQUIRED DISPOSAL, PER OCD RULE 19.15-17.

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

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

Electronic Submission #347426 verified by the BLM Well Information System  
For CIMAREX ENERGY CO OF COLORADO, sent to the Hobbs  
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/01/2016 ()

Name (Printed/Typed) DAVID A EYLER Title AGENT

Signature (Electronic Submission) Date 08/10/2016

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

Approved By Ch Waters Title Eng Date 11/20/16

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 CFU

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.

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

**FOR RECORD ONLY**  
MW/OCD 12/12/2016



Cimarex Energy Co. of Colorado  
 Bondurant Federal 8  
 API: 30-025-31440 Property: 309563-033.01  
 990' FNL & 2310' FWL  
 Sec. 1 T-19-S, R-32-E, Lea Co. NM  
 M. Ketter 3/30/11

Updated 6/23/2016 by S.Hanford

**Tubing Detail**  
 Bondurant Federal 8

KB Correction 15'

Ran:

Quantity	Description	Length	Setting Depth
	KB	15	15
108	2-7/8" 6 5# J-55 Tbg	3391.37	3406.37
1	SN	1.10	3407.47
1	2-7/8" Perf Sub	3.00	3410.47
1	2-7/8" Open Ended	31.40	3441.87

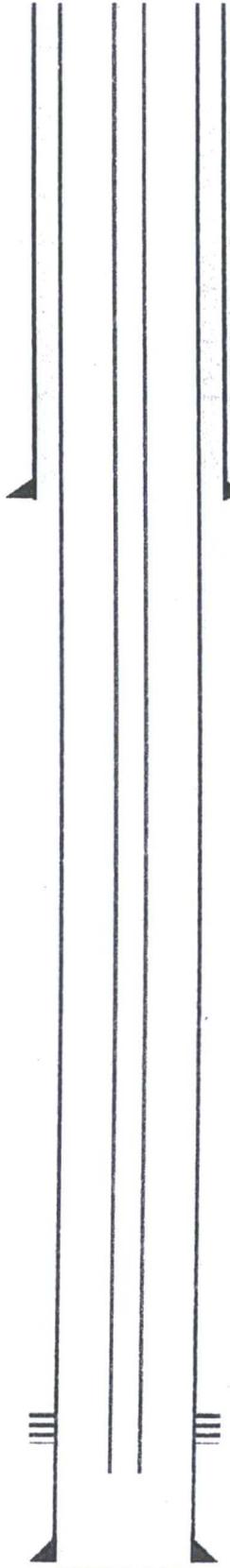
**Rod Detail**  
 Bondurant Federal 8

KB Correction 15'

Ran: 3/21/2013

Quantity	Description	Length	Setting Depth
1	1-1/4 x 22' Polish Rod W/ 14' liner	22.00	22.00
1	7/8" x 2' x 8' Pony W/ FHSM Cplg	10.00	32.00
138	7/8" Rod	3450.00	3482.00
1	1" Guided lift sub	1.40	3483.40
1	2-1/2 x 1-1/4 x 20' x RHBC pump	20.00	3503.40

8 5/8" 24# K55 csg @ 605'  
 Cmt w/ 400 sx, cmt circ.



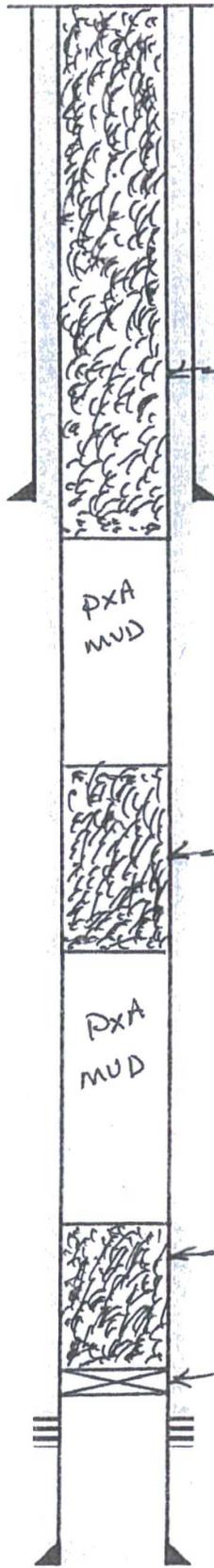
Yates Perfs:  
 3496' - 3512'

5 1/2" 15.5# K55 csg @ 3700'  
 Cmt w/ 750 sx, cmt circ.

PBTD @ 3657'  
 TD @ 3700'

T/ANHY ~ 1,424'  
 T/SALT ~ 1,545'  
 R/SALT } 3,390'  
 T/YATES

8 5/8" 24# K55 csg @ 605'  
 Cmt w/ 400 sx cmt circ.



CIRC. 85 SXS.CMT. @ 660'-3'

Pump 35 SXS.CMT. @ 1,595'-1,374'-TAG

Pump 25 SXS.CMT. @ 3,450'-3,330'

SET 5 1/2" CIBP @ 3,450'

Yates Perfs.  
 3496' - 3512'

5 1/2" 15.5# K55 csg @ 3700'  
 Cmt w/ 750 sx. cmt circ

PBTD @ 3657'  
 TD @ 3700'

DAE 09/10/16

**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Federal Wells**  
**Conditions of Approval (LPC Habitat)**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

**If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.**

**The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.**

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. **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 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. **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.

5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified 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. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, 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.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging 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 well was plugged.**

8. 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.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

**Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:**

From March 1<sup>st</sup> through June 15<sup>th</sup> 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