

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

**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.  
NMNM0560353

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
CRESCENT HALE 10 FEDERAL 3H

9. API Well No.  
30-015-40784-00-X1

10. Field and Pool, or Exploratory  
HACKBERRY

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

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

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
CIMAREX ENERGY COMPANY OF CO  
Contact: TERRI STATHEM  
E-Mail: tstatthem@cimarex.com

3a. Address  
600 NORTH MARIENFELD STREET SUITE 600  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-620-1936

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 11 T19S R30E NESW 2250FSL 2025FWL

**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/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<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 Change to Original A PD
	<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 shall 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 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.)

Cimarex Energy respectfully request approval to include a 2M diverter system.

Previously approved permit indicates BOP to be nipped up from the base of the 16" casing to TD. Cimarex requests the use of a diverter system to be nipped up on the 16" casing. The diverter system will consist of an annular preventer and a rotating head. It will be tested to 250 psi low and 1000 psi high (see attached). Cimarex will nipple up BOP as proposed in the approved permit from the base of the 11-3/4" inter csg to TD.

**RECEIVED**  
MAR 13 2013  
NMOCED  
APPROVED  
E. Fernandez  
MAR 11 2013  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Accepted for record  
NMOCED  
TOS  
3/13/2013

*Original COA Still Applies*

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #201124 verified by the BLM Well Information System  
For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 03/11/2013 (13KMS5416SE)

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/08/2013

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

Approved By EDWARD FERNANDEZ

Title PETROLEUM ENGINEER

Date 03/11/2013

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 Carlsbad

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.

# 20" Diverter System

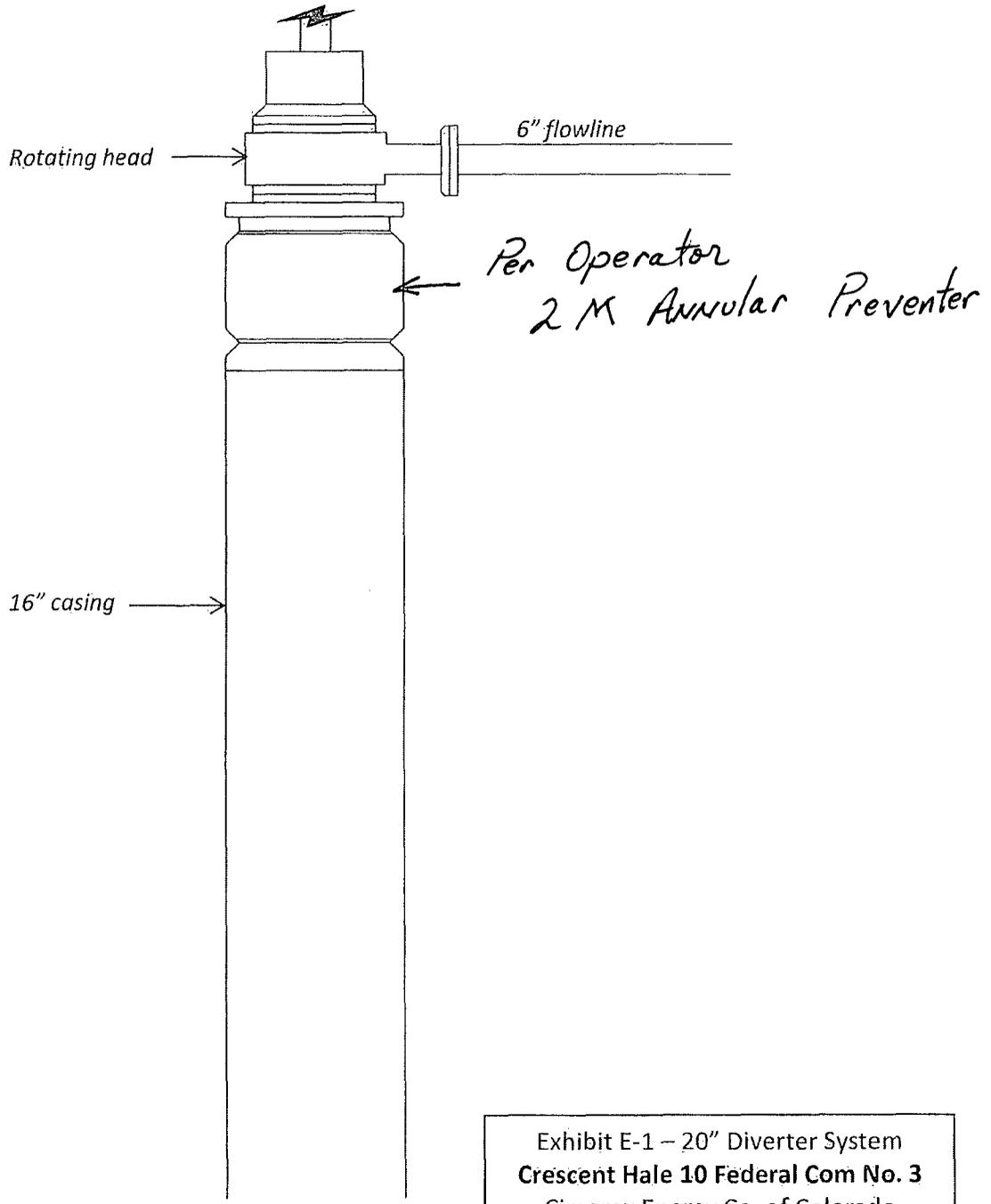


Exhibit E-1 – 20" Diverter System  
**Crescent Hale 10 Federal Com No. 3**  
Cimarex Energy Co. of Colorado  
SHL 2250 FNL & 2025 FWL, 11-19S-30E  
BHL 1980 FSL & 330 FWL, 10-19S-30E  
Eddy County, NM