

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

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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-ARTESIA
5. Lease Serial No.
NM-14124

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

NOV 18 2008

2. Name of Operator

Cimarex Energy Co. of Colorado

OCD-ARTESIA

3a. Address

PO Box 140907; Irving, TX 75014-0907

3b. Phone No. (include area code)

972-401-3111

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

SHL 330 FSL & 660 FWL

BHL 2310 FSL & 660 FWL

1-25S-26E

1-25S-26E

8. Well Name and No.

Marquardt Federal No. 8

9. API Well No.

30-015-36602

10. Field and Pool, or Exploratory Area

Black River; Delaware, South

11. County or Parish, State

Eddy County, NM

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 checked="" 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 type="checkbox"/> Other
	<input checked="" 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, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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 has changed pilot hole and kick off drilling plans as follows:

Drill to 3350' and log. Run 2750' of 5½" casing and cross over to 600' 2¾" 2000 psi IJ fiberglass tubing underneath and cement in place. Drill out of the bottom of the 5½" with a 4¾" bit and through cement and fiberglass tubing to KOP @ 2850' and kick off to drill the lateral. The fiberglass tubing effectively circulates cement to surface and plugs back the 600' open hole.

We will no longer drill the pilot hole to 6000' and plug back with cement plugs then use a whipstock to drill the lateral.

Surface casing, surface contingency plan in case of lost circulation remain the same. Production casing and cement has changed. Please see attached proposed WBD.

ACCEPTED FOR RECORD

NOV 19 2008

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Natalie Krueger

Signature

Title

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

Regulatory Analyst

Date

November 7, 2008

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

NOV 7 2008

WESLEY W INGRAM
PETROLEUM ENGINEER

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.

Title 18 U.S.C. Section 1001, makes 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.

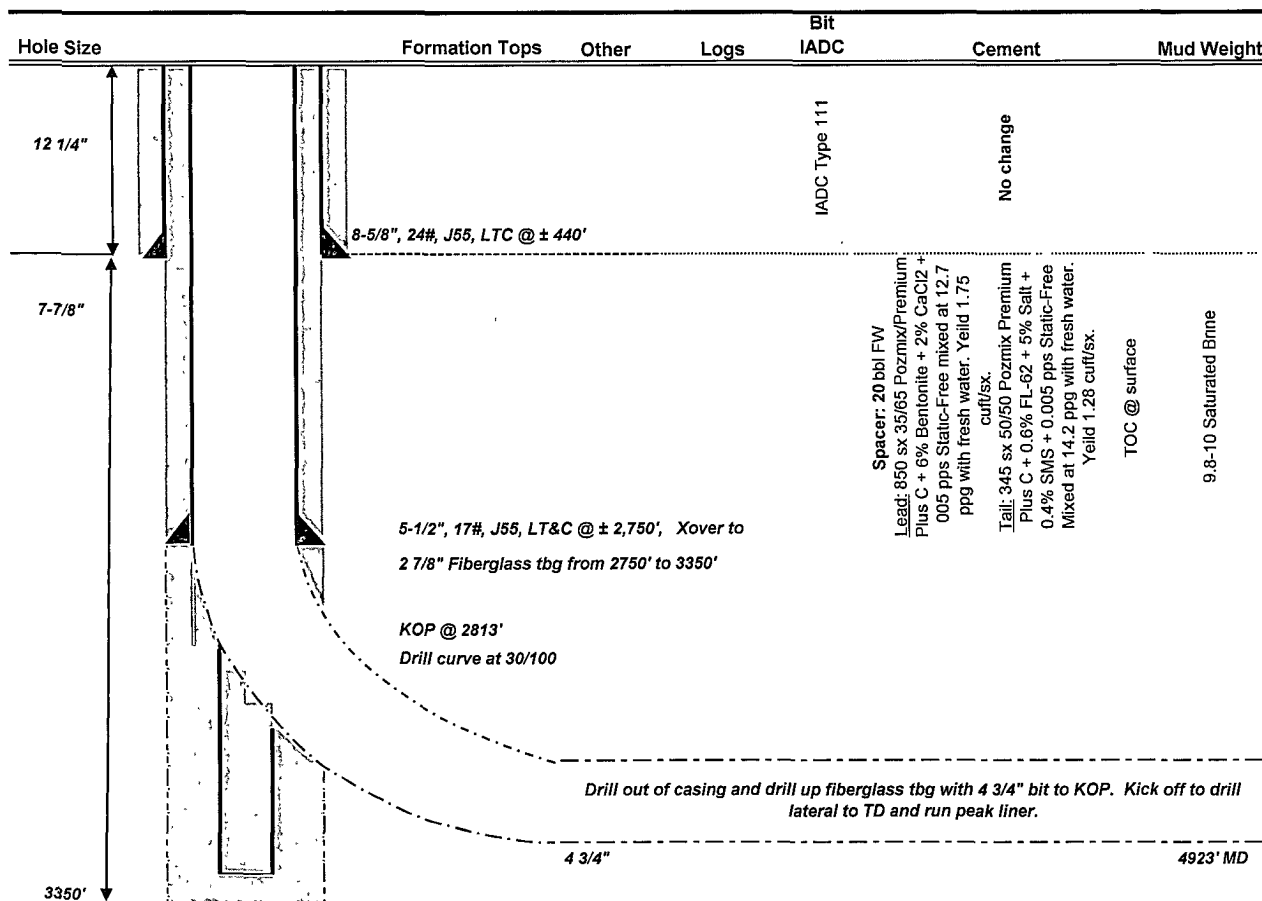
(Instructions on reverse)



11/5/2008

Well: Marquardt Fed #8
 Location: Sec. 1-T25S-R26E
 County, State: Eddy, NM
 Surface Location: 330' FSL 660' FWL
 Bottomhole Loc: 2310' FSL 660' FWL
 E-Mail:
 Wellhead: SEC A. 11" 3M x 8-5/8" SOW
 SEC B 11" 3M X 7-1/16" 5M
 Xmas Tree
 Tubing: 2 7/8"
 Superintendent: Jim Evans
 Engineer: Ryan Braxton

Permit #:
 Field: Black River, Delaware, South
 Objective: Cherry Canyon
 TVD/MD: 3040'/4925'
 Cementing: Schlumberger
 Mud: MI
 Motors:
 OH Logs: Schlumberger
 Rig: Rig 40
 Offset Well:



NOTES: Drill to 3350'. Run 2750' 5 1/2" casing with 2 7/8" fiberglass tubing below to 3350'. Pump cement job to cement fiberglass and casing in place. With 4 3/4" bit, drill out float collar and drill up fiberglass tubing to KOP. Kickoff and drill lateral to TD. Will run openhole paker liner system.

ALL INVOICES ARE TO SHOW **CIMAREX ENERGY** AS OPERATOR AND USE CIMAREX ACCOUNTING CODES. Cement volumes for production csg include a 25% excess in the open hole section. Adjust volumes after caliper + 25% excess.