

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs
HOBBS

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.

MAR 20 2012

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM27570
2. Name of Operator CIMAREX ENERGY COMPANY OF CO		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-620-1936		8. Well Name and No. DIAMANTE FEDERAL 21 01
4. Location of Well (Footage, Sec., T, R., M., or Survey Description) Sec 21 T19S R33E NESW 1650FSL 1650FWL		9. API Well No. 30-025-34445-00-S1
		10. Field and Pool, or Exploratory GEM
		11. County or Parish, and State LEA COUNTY, NM

12. CHECK 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"/> 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 checked="" 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 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.)

Recomplete as a Morrow horizontal well - unsuccessful.

Drilling:

- 11-7-11 PU tbg & release on/off tool from BWB perm pkr.
- 11-8-11 TOOH w/ tbg & on/off tool. Tag pkr @ 13550.
- 11-14-11 RIH w/ CIBP & set @ 13142. Mix & pump 35' of cmt on top of CIBP. TOC @ 13107. RIH w/ cmt ret & set @ 11350.
- 11-15-11 Sting into ret @ 11350. Mix & pump 100 sx HalCem H cmt. Displace cmt to ret. Sting out of ret.
- 11-16-11 Sting into ret @ 11350. Mix & pump 100 sx HalCem H cmt (squeeze perms @ 13183-13520 w/ 52 sx). Displace cmt to ret. TOOH - WOC.
- 11-17-11 DO cmt @ 11325-11350. DO cmt ret @ 11350-11360. DO cmt @ 11360-11481.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #132019 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 03/01/2012 (12KMS0041SE)	
Name (Printed/Typed) TERRI STATHEM	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 03/01/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 03/18/2012
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 Hobbs

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.

** BLM REVISED **

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Additional data for EC transaction #132019 that would not fit on the form

32. Additional remarks, continued

11-18-11 RIH & set retainer @ 11250'.
11-19-11 Squeeze perms @ 11390-11429 w/ 100 sx Class H cmt. Sting out of ret. TOOH. WOC.
11-21-11 Tag TOC @ 11249'. DO cmt & cmt ret @ 11249-11265.
11-22-11 DO cmt & wash @ 11265-11483. Test 5-1/2 csg to 3200# for 30 mins- ok. DO cmt @ 11483-11515.
11-23-11 DO cmt @ 11515-11706. Circ bottoms up. Tag solid @ 13147. Test 5-1/2 csg to CIBP @ 13142 to 3200# for 30 mins - ok.
11-25-11 TOH w/ tbg. ND BOP. test to 4500#. Capping flange installed.
1-17-12 RIH w/ CBP & set @ 12970.
1-19-12 RIH & set Whipstock. Milling window from 12979-12994.
1-20-12 Circ clean.
1-21-12 KO 4 5/8" lateral.
2-17-12 TD 4 5/8" hole @ 13961 MD, 13316 TVD. Did not run liner.
2-20-12 RIH w/ cmt ret & set @ 12925. Mix and pump 75 sx cmt below. Pull out of retainer & pump 25 sx on top of retainer.
2-22-12 RIH w/ RBP & set @ 3055'. Well SI pending engineering evaluation.