

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD 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.

HOBBS OCD

DEC 27 2012

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. HALLERTAU 4 FEDERAL 4H
2. Name of Operator CIMAREX ENERGY COMPANY OF CO Contact: TERRI STATHEM E-Mail: tstathem@cimarex.com		9. API Well No. 30-025-40475-00-S1
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1936	10. Field and Pool, or Exploratory WILDCAT G06 S2632 Bone Spring
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T26S R32E NENE 330FNL 660FEL		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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 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.)

Drilling

05/29/12 Spud well @ 9:30 pm.

5/31/12 TD 17 1/2" hole @ 1200'.

06/01/12 RIH w/ 13-3/8", 48#, J55, STC csg & set @ 1200'. DV Tool set @ 394'. Mix & pump 1st stage: 485 sx ExtendaCem CZ Class C, 13.5 ppg, 1.72 yld; tail w/ 200 sx HalCem Prem Plus Class C, 14.8 ppg, 1.35 yld. Open DV tool. Mix & Pump 2nd stage: lead: 485 sx ExtendaCem Class C, 13.5 ppg, 1.72 yld; tail w/ 50 sx Halcem Prem Plus Class C, 14.8 ppg, 1.35 yld. Circ 98 sx to pit. WOC 10+ hrs.

06/03/12 Test csg to 1200# for 30 mins. Ok.

06/07/12 TD 12 1/4" hole @ 4554'.

06/08/12 RIH w/ 9 5/8", 40#, HCK55, LTC & set @ 4554'. Mix & pump lead: 1490 sx Extendacem HLC, 12.9 ppg, 1.89 yld; tail w/ 235 sx HalCem C, 14.8 ppg, 1.34 yld. Circ 42 sx cmt to surf. WOC 8+

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

**Electronic Submission #167201 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 12/19/2012 (12WWI0024SE)**

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/19/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	ACCEPTED	JAMES A AMOS Title SUPERVISORY EPS	Date 12/22/2012
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 ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional data for EC transaction #167201 that would not fit on the form

32. Additional remarks, continued

hrs.
06/10/12 Test csg to 1300# for 30 mins. Ok.
06/17/12 RIH w/ OH whipstock. Set whipstock @ 8544'. Start press on whipstock @ 1325#. Press dropped. Worked whipstock down to 8862' & set. OH whipstock would not set.
06/18/12 TOO H w/ setting tools. TIH to set KO plug @ 8862'. Hit bridge @ 6200'. Try to work thru on made 1", TOH for bit. Drilled to 6273'.
06/20/12 RU & set KO plug. Mix & pump 350 sx Class H, 17.2 ppg, .98 yld. TOC @ 5567'. WOC.
06/21/12 WOC
06/22/12 Tag cmt @ 6300'. Drill to 6324'.
06/25/12 Spot KO plug for sidetrack. Mix & pump 330 sx Halcem C, 15.6 ppg, 1.21 yld. WOC.
06/27/12 Tag cmt plug @ 5966'. Dress cmt & find hard cmt 5966-6024'.
06/30/12 drilling 8-3/4" lateral.
07/14/12 TD 8-3/4" hole @ 13484'.
07/21/12 RIH w/ 5-1/2", 17#, P110 LTC csg & 5-1/2", 17#, P110, BTC csg & set @ 13484' w/ Peak Pkr system. (LTC @ 0-8666 & Xover @ 8666-8705; BTC @ 8705-13484). Ports @ 9073-13481'. David Lynch DV Tool @ 8655' & External Pkr @ 8659'. OH pkrs @ 9073, 9316, 9514, 9757, 9954, 10197, 10395, 10637, 10835, 11078, 11276, 11518, 11716, 11958, 12156, 12399, 12597, 12839, 13036, 13279.
07/22/12 Mix & pump 860 sx HalCem H, 15.6 ppg, 1.19 yld; tail w/ 145 sx Class H, 11.5 ppg, 2.76 yld.
07/23/12 Release rig @ 13:00 hrs.

Completion

07/27/12 RIH w/ WL. Press test csg to 1000 psi. TOC @ 4350'. Test csg to 500 psi for 30 mins. Ok.
08/06/12 Well SI WO Hallertau 4 fed 8 drill out.
08/08/12 Frac Avalon ports @ 9073-13481' w/ 3052453 gals total fluid; 2390529# sd.
08/22/12 RIH w/ tbg & GL & set @ 8622'. GL valves @ 1799, 3115, 3972, 4731, 5423, 6118, 6810, 7564, 8125, 8588'. Turn well to production.