

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
NMNM100332

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 ☐ Other8 Well Name and No
DA VINCI 7 FEDERAL COM 3H

2. Name of Operator

Contact TERRI STATHEM

9 API Well No.

30-015-40203-00-X1

CIMAREX ENERGY COMPANY OF CO-Mail: tstathem@cimarex.com

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

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

Sec 7 T25S R27E SWSE 10FSL 1650FEL

11. County or Parish, and 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 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	Change to Original APD
	<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.)

Procedure verbally approved by E. Fernandez 10/28/12.

Directional tools in the Lower Second Bone Spring lateral were lost in hole. After a significant amount of fishing it was determined to abandon this lateral and fish and move up the hole to a higher interval also in the Second Bone Spring. Approx 585' shallower than the previous target. The original Second Bone Spring target ran out of sand and would only be marginally economic. The higher Second Bone Spring target is expected to have more extensive sand.

Cimarex ran a whipstock with a 600' 2-7/8" stinger on bottom. After setting the whipstock we cemented with 315 sx of 15 6 ppg 1.19 yield cement. This is enough cement by volume for 700' of 8-3/4" hole with 25% excess. Reports indicate cement job went well and we had circulation during the job.

RECEIVED

OCT 31 2012

Accepted for record

NMOCB

10/16/2012

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

Electronic Submission #156731 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 10/29/2012 (13KMS3645SE)

Name (Printed/Typed) TERRI STATHEM

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/29/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By EDWARD FERNANDEZ

Title 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.

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.

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Additional data for EC transaction #156731 that would not fit on the form

32. Additional remarks, continued

When we went back in hole to kickoff of the whipstock we did not encounter cement. We are not able to pull the whipstock since it is anchored and cemented in the hole and therefore we are unable to tag cement plug. I feel confident that based on the amount of cement we pumped and the cement job performance that we have a substantial cement plug below our whipstock.

One possible reason for not having cement above our whipstock is that we could have had additional washout in the hole in the weeks we have been drilling the lower lateral and fishing operations.

In conclusion, Our new lateral and original lateral are both in the second Bone spring. We pumped a significant amount of cement that should give us a competent plug. Cimarex believes that the lower lateral is plugged and isolated and would like to move ahead with drilling the upper lateral.

Top of whipstock was @ 6787' the kick off point is 6800' (this is the end of the whipstock ramp). When we started drilling off the whipstock we found cement @ 6792'.



DRILLING PROGNOSIS
Cimarex Energy Co.

9/4/2012

Well: Da Vinci 7 Fed #3H
Location: Sec 7 - T25S - R27E
County, State: Eddy County, NM
Lat / Long: 32° 08' 14.32" / 104° 13' 34.46"
Surface Location: 10 FSL, 1650 FEL
Bottomhole Loc: 330 FNL, 1700 FEL
Field: Carlsbad South/ White City
E-Mail: wellsite43@cimarex.com
Wellhead: 13-5/8" 3K x 13-3/8" SOW
13-5/8" 3K x 11" 5K

AFE: 252064
API: 30-015-40203
Lease Serial #: NM-092167
Cimarex Property #: 309588-452.01
Objective: 2nd Bone Spring
TVD/MD: 7,902' / 12,655'
VS (Az & Length): 359.1° / 4,957'
Elevation: 3,211'
Cementing: Halliburton
Mud: MI
Directional: Pathfinder
OH Logs: Halliburton
Rig: Cactus 122

Xmas Tree: 2-9/16" 5K
Tubing: 2 7/8" 6.5# J55 EUE
Superintendent: Doug McQuitty
Engineer: Don Black

Directions: From the Junction of Black River Village and John D Forehand, Go south on John D Forehand for 6.6 miles to lease road, on lease road go southeasterly for 0.3 miles to new lease road.

