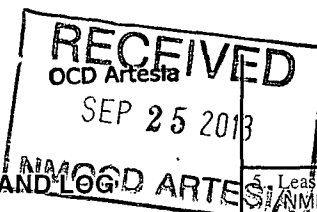Form 3160-4
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM92167

1a. Type of Well	☒ Oil Well	☐ Gas Well	☐ Dry	☐ Other
b. Type of Completion	☒ New Well	☐ Work Over	☐ Deepen	☐ Plug Back	☐ Diff. Resvr.

Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
CIMAREX ENERGY COMPANY
Contact: ARICKA EASTERLING
E-Mail: aeasterling@cimarex.com

8. Lease Name and Well No.
DA VINCI 7 FEDERAL COM 2H

3. Address 202 S. CHEYENNE AVE, SUITE 1000
TULS, OK 74103

3a. Phone No. (include area code)
Ph: 918-560-7060

9. API Well No.
30-015-41259

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface   SESE 330FSL 580FEL

At top prod interval reported below   SESE 330FSL 580FEL

At total depth   NENE 332FNL 400FEL

10. Field and Pool, or Exploratory
COTTONWOOD DRAW; BONE SPR

11. Sec., T., R., M., or Block and Survey or Area Sec 7 T25S R27E Mer

12. County or Parish
EDDY

13. State
NM

14. Date Spudded 05/01/2013	15. Date T.D. Reached 05/17/2013	16. Date Completed ☐ D & A ☒ Ready to Prod. 06/08/2013	17. Elevations (DF, KB, RT, GL)* 3229 GL

18. Total Depth: MD 11690 TVD 7284	19. Plug Back T.D.: MD 11667 TVD	20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
DSN & DLL

22. Was well cored?	☒ No	☐ Yes (Submit analysis)
Was DST run?	☒ No	☐ Yes (Submit analysis)
Directional Survey?	☐ No	☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J55	48.0	0	465		430		0	128
12.250	9.625 J55	36.0	0	2015		710		0	60
7.875	5.500 P110	17.0	0	11690		1740		2120	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6758							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	BONE SPRING	7300	11662	7300 TO 11662	0.420	384	OPEN
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7300 TO 11662	1,675,265 GAL OF TOTAL FLUID & 2,773,136 # SAND

RECLAMATION
DUE 12-8-13

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
06/10/2013	06/30/2013	24	▷	471.0	2720.0	440.0	48.0		GAS LIFT

Choke Size	Tbg. Press. Flwg. 400 SI	Csg. Press. 0.0	24 Hr. Rate	Oil BBL ▷	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
				471	2720	440	5775	POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▷						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL ▷	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #219923 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ▷	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▷	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ▷	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ▷	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				SALADO	1120
				CASTILLE	1832
				BELL CANYON	2032
				CHERRY CANYON	2973
				BRUSHY CANYON	4012
				BONE SPRING	5525

32. Additional remarks (include plugging procedure):
Logs are being sent via overnight mail to the Carlsbad, NM office.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)   2. Geologic Report   3. DST Report   4. Directional Survey

5. Sundry Notice for plugging and cement verification   6. Core Analysis   7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #219923 Verified by the BLM Well Information System.
For CIMAREX ENERGY COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by KURT SIMMONS on 09/18/2013 ()

Name *(please print)* ARICKA EASTERLING   Title REGULATORY ANALYST

Signature   (Electronic Submission)   Date 09/12/2013

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **