Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French Dr , Hobbs, NM 88240
District II
1301 W Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Rd , Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised June 10, 2003

WELL API NO.
30-025-~~27417~~ 39887

5. Indicate Type of Lease
STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b. Type of Completion.
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name
State HH Com

RECEIVED
MAY 12 2011
NMOCD ARTESIA

2 Name of Operator
Cimarex Energy Co. of Colorado

8. Well No.
003 H

3. Address of Operator
600 N. Marienfeld, Ste 600 Midland, TX 79701

9. Pool name or Wildcat
Gem; Bone Spring

BHL. A-36-19s-32e, 544/N & 4937/W

4 Well Location
SHL: Unit Letter D : 560 Feet From The North Line and 330 Feet From The West Line
Section 36 Township 19S Range 32E NMPM County Lea

10. Date Spudded	11 Date T.D Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14 Elev. Casinghead
01-28-11	03-20-11	04-19-11	3570 GR	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
MD 14554 TVD 9900	MD 14490 TVD 9900			Rotary	

19. Producing Interval(s), of this completion - Top, Bottom, Name
9802-14489 Second Bone Spring

20. Was Directional Survey Made
Yes

21 Type Electric and Other Logs Run
Porosity, Resistivity

22 Was Well Cored
No

23. **CASING RECORD** (Report all strings set in well)

CASING SIZE	WEIGHT LB /FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13⅜	48	1350	17½	1205	
9⅝	40	4500	12¼	1815	
7	26	9634	8¾	820	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4½	9348	14545	500	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2⅞	9227	---

26. Perforation record (interval, size, and number)
13751-14489 5 spf, 40 holes
12765-13505 5 spf, 40 holes
11778-12521 5 spf, 40 holes
10790-11533 5 spf, 40 holes
9802-10545 5 spf, 40 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13751-14489	199,069 gal 20# Borate XL 252,010# 20/40 White Sand
12765-13505	206,365 gal 20# Borate XL 254,056# 20/40 White Sand
11778-12521	190,577 gal 20# Borate XL 241,076# 20/40 White Sand
10790-11533	186,698 gal 20# Borate XL 250,470# 20/40 White Sand
9802-10545	170,728 gal 20# Borate XL 225,244# 20/40 White Sand

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
04-21-11	Submersible pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
05-10-11	24	--		296	471	335	1591

Flow Tubing Press	Casing Pressure	Calculated 24 Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl.	Oil Gravity - API - *(Corr.)*
130	90					36.4

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

Test Witnessed By

30 List Attachments
C-102, Deviation report, Directional survey, Logs

31 *I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.*

Signature Natalie Krueger Printed Name Natalie Krueger Title Regulatory Analyst Date 5/11/2011
E-mail Address nkrueger@cimarex.com

JUN 14 2011

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
B. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware	T.Todilto	T.
T. Drinkard	T. Bone Spring 7783	T. Entrada	T.
T. Abo Shale	T. F Bone Spring 8855	T. Wingate	T.
T. Wolfcamp	T. S Bone Spring 9490	T. Chinle	T.
T. Penn	T. Barnett	T. Permian	T.
T. Cisco (Bough C)	T. Rustler	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from..... .....to..... No. 3, from.....to.....

No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology		From	To	Thickness In Feet	Lithology