

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 88201
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.
30-025-38588

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 ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

7. Lease Name or Unit Agreement Name

Little Bear 7 Fee

2. Name of Operator
Cimarex Energy Co. (215099)

8. Well No.
002

3. Address of Operator
PO Box 140907; Irving, TX 75014-0907

9. Pool name or Wildcat
Denton; Wolfcamp

4. Well Location
SHL: Unit Letter N : 430 Feet From The South Line and 1750 Feet From The West Line
BHL: Unit Letter K : 2277 Feet From The South Line and 1723 Feet From The West Line
Section 7 Township 15S Range 38E NMPM County Lea

10. Date Spudded 12-03-07	11. Date T.D. Reached 01-14-08	12. Date Compl. (Ready to Prod.) 02-16-08	13. Elevations (DF& RKB, RT, GR, etc.) 3772' GR	14. Elev. Casinghead
15. Total Depth MD 11131' TVD 9384'	16. Plug Back T.D. MD 11000' TVD 9383'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Rotary	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Denton; Wolfcamp 9908'-11000' MD				20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run Porosity, Density, CBL				22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48	612'	17 1/2"	510 sx, circ 143 sx	
8 5/8"	32	4550'	11"	1240 sx, 1" w/ 150 sx, circ 5 bbl	
5 1/2"	17	9842'	7 7/8"	750 sx, circ 2 bbl	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
2 1/2"	9062'	11000'	0		2 1/2"	9011'	

26. Perforation record (interval, size, and number) No perfs, PEAK Iso-Pak assembly used 9383-9396 OH	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	10768'-11000'	Stage 1 Frac: 17359 gal 15% NeFe HCl & 7035 gal 15% Diverter Acid
	10372'-10768'	Stage 2 Frac: 17531 gal 15% NeFe HCl & 7018 gal 15% Diverter Acid
	9908'-10372'	Stage 3 Frac: 24935 gal 15% NeFe HCL & 7064 gal 15% Diverter Acid

PRODUCTION

28. Date First Production 02-16-08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 25 x 175 x 30 x 5 RHBH Pump			Well Status (Prod. or Shut-in) Producing		
Date of Test 04-12-08	Hours Tested 24	Choke Size Open	Prod'n For Test Period	Oil - Bbl 33	Gas - MCF 26	Water - Bbl. 3	Gas - Oil Ratio 788
Flow Tubing Press. 250	Casing Pressure 30	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 44.8	

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

First Gas production - 03-24-08; Flared until 04-11-08; Sold beginning 04-12-08

Test Witnessed By

30. List Attachments

Deviation Report, Directional Survey

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 5/27/2008
E-mail Address nkruieger@cimarex.com

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	
T. Anhy	T. Abo Shale	8188	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Wolfcamp	9398	T. Kirtland-Fruitland	T. Penn. "C"
T. Rustler 2220	T. Wolfcamp B	9668	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3177	T. Cisco		T. Cliff House	T. Leadville
T. 7 Rivers 3362	T. Canyon		T. Menefee	T. Madison
T. Queen 3966	T. Strawn		T. Point Lookout	T. Elbert
T. Grayburg 4273	T. Atoka		T. Mancos	T. McCracken
T. San Andres 4465	T. Miss		T. Gallup	T. Ignacio Otzte
T. Glorieta 6729	T. Devonian		B. Greenhorn	T. Granite
T. Paddock	T. Silurian		T. Dakota	T.
T. Blinebry 6964	T. Montoya		T. Morrison	
T. Tubb 7533	T. Simpson		T.Todilto	
T. Drinkard 7796	T. McKee		T. Entrada	
T. Bone Spring	T. Ellenburger		T. Wingate	
T. FBSS	T. Gr. Wash		T. Chinle	
T. SBSS	T. Morrow		T. Permian	
T. TBSS			T. Penn "A"	

OIL OR GAS SANDS OR ZONES

No. 3, 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