

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.

30-015-35237

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

Leatherstocking 18 State Com

2. Name of Operator

Cimarex Energy Co. of Colorado

3. Address of Operator

PO Box 140907; Irving, TX 75014-0907

4. Well Location

Unit Letter M : 810 Feet From The South Line and 660 Feet From The West Line
Section 18 Township 18S Range 28E NMPM County Eddy

10. Date Spudded
12-19-06

11. Date T.D. Reached
01-21-07

12. Date Compl. (Ready to Prod.)
03-15-07

13. Elevations (DF& RKB, RT, GR, etc.)
3597' GR

14. Elev. Casinghead

15. Total Depth

10587'

16. Plug Back T.D.

10490'

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

Illinois Camp; Morrow, North 10238'-10330'

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Neutron, Laterolog, Cement Bond

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
13-3/8"	48	460'	17-1/2"	410 sx, 1" w/ 50 sx	
8-5/8"	32	2620'	11"	650 sx	
4-1/2"	11.6	10587'	7-7/8"	500 sx TOC 8250'	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	10190'	10190'

26. Perforation record (interval, size, and number)

10238'-10330' 6 jsfp, 191 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

10238'-10330' 44613 gal WF 835 CO2 6, 320 tons CO2, 166580# Versaprop

28. PRODUCTION

Date First Production

03-15-07

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing

Well Status (Prod. or Shut-in)

Producing

Date of Test

03-21-07

Hours Tested

24

Choke Size

wo

Prod'n For Test Period

Oil - Bbl

0

Gas - MCF

210

Water - Bbl.

0

Gas - Oil Ratio

Flow Tubing Press.

500

Casing Pressure

0

Calculated 24 Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

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

Sold

Test Witnessed By

30. List Attachments

Deviation Summary, C-102

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

Signature

Natalie Krueger

Printed Name

Natalie Krueger

Title

Reg Analyst 1

Date 3/23/2007

E-mail Address nkrueger@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. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn 9520'	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka 9718'	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 1995'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2245'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinébry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware	T. Todilto	T.
T. Drinkard	T. Bone Spring 6140'	T. Entrada	T.
T. Abo	T. Morrow 10076'	T. Wingate	T.
T. Wolfcamp 7930'	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, fromto.....
No. 2, fromto.....
No. 3, fromto.....
No. 4, fromto.....

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



CACTUS DRILLING COMPANY, L.L.C.
REPORT OF PROOF OF APPARENT DEVIATION
NEW MEXICO

OPERATOR CIMAREX ENERGY CO OF COLORADO
600 EAST LAS COLINAS BLVD. STE 1100
IRVING, TX 75039

FIELD NAME _____
COUNTY/PARISH EDDY

WELL NAME & NO. LEATHERSTOCKING STATE 18 #2

LEGAL SEC 18-18S-28E

MEASURED DEPTH (FT)	COURSE LENGTH (HUNDREDS OF FT)	ANGLE OF INCLINATION (DEGREES)	DISPLACEMENT PER HUNDRED FT (SINE OF ANGLE X 100)	COURSE DISPLACEMENT (FEET)	ACCUMULATIVE DISPLACEMENT (FEET)	REMARKS
114	1.14	1	1.7801	2.03	2.03	
228	1.14	1/2	0.9076	1.03	3.06	
332	1.04	1	1.6056	1.67	4.73	
410	0.78	1/5	0.3665	0.29	5.02	
619	2.09	2/7	0.5236	1.09	6.11	
900	2.81	2/7	0.4887	1.37	7.49	
1385	4.85	1/3	0.5934	2.88	10.37	
1890	5.05	3/8	0.6632	3.35	13.71	
2398	5.08	2/7	0.5236	2.66	16.37	
3313	9.15	1/2	0.8727	7.98	24.36	
4293	9.80	1/2	0.8727	8.55	32.91	
4802	5.09	1/2	0.8727	4.44	37.35	
5298	4.96	3 2/3	6.3487	31.49	68.84	
5579	2.81	3 4/7	6.2268	17.50	86.34	
5707	1.28	3 1/2	6.1397	7.86	94.20	
5881	1.74	3 4/9	6.0177	10.47	104.67	
6099	2.18	3 2/7	5.7216	12.47	117.14	
6321	2.22	1 1/2	2.6177	5.81	122.95	
6512	1.91	2 1/2	4.3619	8.33	131.29	
6587	0.75	2 1/2	4.3619	3.27	134.56	
6764	1.77	2 1/2	4.3619	7.72	142.28	
6923	1.59	2 1/2	4.3619	6.94	149.21	
6976	0.53	2 3/7	4.2399	2.25	151.46	
7057	0.81	1	1.7452	1.41	152.87	
7325	2.68	1	1.7452	4.68	157.55	
7513	1.88	1	1.7452	3.28	160.83	
7833	3.20	1	1.7452	5.58	166.42	
8036	2.03	1 1/2	2.6177	5.31	171.73	
8225	1.89	1 1/2	2.6177	4.95	176.68	
8450	2.25	1 1/2	2.6177	5.89	182.57	
8733	2.83	1/2	0.8727	2.47	185.04	
8950	2.17	1	1.7452	3.79	188.82	
9177	2.27	1	1.7452	3.96	192.79	
9428	2.51	1/2	0.8727	2.19	194.98	
9648	2.20	1/2	0.8727	1.92	196.90	
9837	1.89	1/2	0.8727	1.65	198.55	
10059	2.22	1/2	0.8727	1.94	200.48	
10351	2.92	1	1.7452	5.10	205.58	
10523	1.72	1	1.7452	3.00	208.58	
10537	0.14	1 1/2	2.6177	0.37	208.95	

LESLIE N. KIDD
Oklahoma County
Notary Public in and for
State of Oklahoma
Commission # 03003457 Expires 2/27/07
Leslie N. Kidd
2-14-07

2/6/2007

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