

DATE IN 7-13-10	SUSPENSE	ENGINEER D B.	LOGGED IN 7-13-10	TYPE NSL	APP NO. 1019433434
-----------------	----------	---------------	-------------------	----------	--------------------

PTG W

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Cimarex
 (112683)

Mary 7 state well #1

ADMINISTRATIVE APPLICATION CHECKLIST 30025-36068

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

6231

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

[D] Other: Specify _____

2010 JUL 13 A 9:23
 RECEIVED OOD

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

James Bruce
 P.O. Box 1056
 Santa Fe, New Mexico 87504

James Bruce

 Signature

Attorney

 Title -

 e-mail Address
jamesbruce@aol.com

7/18/10

 Date

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)
(505) 660-6612 (Cell)
(505) 982-2151 (Fax)

jamesbruc@aol.com

July 8, 2010

Mark E. Fesmire, P.E.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Dear Mr. Fesmire:

Pursuant to Division Rule NMAC 19.15.15.13, Cimarex Energy Co. of Colorado applies for approval of an unorthodox oil well location for the following well:

<u>Well name:</u>	Mary 7 State Well No. 1
<u>Location:</u>	990 feet FNL & 1500 feet FWL
<u>Well unit:</u>	NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 7, Township 21 South, Range 35 East, N.M.P.M., Lea County, New Mexico

Applicant proposes to complete the well in the Bone Spring formation (Wildcat Bone-Spring). The nearest Bone Spring pool, the Wilson-Bone Spring Pool, in the SW $\frac{1}{4}$ §19-21S-35E, is an oil pool. Therefore, under Oil Conservation Division regulations, wells are spaced on 40 acres, with wells to be no closer than 330 feet to a quarter-quarter section line. A Form C-102 is attached as **Exhibit A**.

The well was originally drilled to and completed in the Morrow formation, where the location was orthodox. **Exhibit B**. The unorthodox location is due to recompletion of the well uphole.

The NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 7, and the affected offset acreage, Lots 1 and 2 of Section 7, are all covered by State Lease B-1399-17. **Exhibit C**. Interest ownership is uniform in the Bone Spring formation in that acreage. Therefore, there are no adversely affected offsets, and notice has not been given to anyone.

Very truly yours,


James Bruce

Attorney for Cimarex Energy Co. of Colorado

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

Handwritten signature/initials

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-36068	² Pool Code	³ Pool Name Wildcat Bone Spring
⁴ Property Code 300571	⁵ Property Name Mary 7 State	
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO. OF COLORADO	⁶ Well Number 001 ⁹ Elevation 3306' GR

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	7	21S	35E		990	North	1500	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ B0-1399-0017 1500' B0-1399-0017 B0-1399-0017		¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> Date: 7/8/2010 Signature: _____ Printed Name: Zeno Farris

EXHIBIT **A**

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

Form C-105
 Revised March 25, 1999

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

WELL API NO. 30-025-36068
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name Mary 7 State
b. Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL <input checked="" type="checkbox"/> OVER <input type="checkbox"/> BACK RESVR. <input type="checkbox"/> OTHER _____	8. Well No. 1
2. Name of Operator Matador Operating Company	9. Pool name or Wildcat Osudo; Morrow (Gas)
3. Address of Operator 310 W. Wall, Suite 906 Midland, TX 79701	

4. Well Location
 Unit Letter C : 990 Feet From The North Line and 1500 Feet From The West Line
 Section 7 Township 21S Range 35E NMPM Lea County

10. Date Spudded 12/6/03	11. Date T.D. Reached 1/7/03	12. Date Compl. (Ready to Prod.) 2/18/03	13. Elevations (DF& RKB, RT, GR, etc.) 3678 GL	14. Elev. Casinghead
15. Total Depth 12350	16. Plug Back T.D. 12244	17. If Multiple Compl. How Many Zones? 2	18. Intervals Drilled By X	19. Producing interval(s), of this completion - Top, Bottom, Name 11894-11963 Osudo; Morrow (Gas)

20. Was Directional Survey Made No	21. Type Electric and Other Logs Run DLL, Density/ Neutron, Long Spaced Sonic	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	1422	17 1/2	1050 sx Class C	Circ 296 sx to Pit
9 5/8	40	5416	12 1/4	1180 sx Interfill C & 350 sx Class C	Circ 224 sx to Pit
7	29	8 3/4	11000	210 sx Interfill H & 250 sx Super H Mod	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 1/2	10691	12348	160 sx Super H		2 3/8	17190	11784

26. Perforation record (interval, size, and number) 11894-99, 11902-06, 11920-22, 11946-49, 11958-63, 3 SPF, .48 EH, total 57 holes	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 11894-11963 None
--	---

28. PRODUCTION

Date First Production 2/18/03	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Producing or Shut-in) Producing					
Date of Test 2/22/03	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 8	Gas - MCF 551	Water - Bbl. 2	Gas - Oil Ratio 68875
Flow Tubing Press. 100	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 47.9	

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

Test Witnessed By _____

30. List Attachments
 Logs, C103, C102, Deviation Report, C104, C116

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 [Signature] Printed Name Diane Kuykendall Title Production Analyst Date 5/23/03

EXHIBIT **B**

7 21S 35E

78 Records found.

UL	Lot/Tract	Qtr/Qtr	Surface Owner	Sub Surface Owner	Acreage	Rent Rate	Lease #	Lease Type	County	Land Restriction	Land Remarks
A		NE4NE4	State	State	40.00	\$1.00	B0-1439-7	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							R1-7117-0	Right of Way	Lea		
							R2-5472-0	Right of Way	Lea		
							R2-7363-0	Right of Way	Lea		
B		NW4NE4	State	State	40.00	\$1.00	B0-1439-7	Oil & Gas	Lea		PART OF THE SURFACE ESTATE CONVEYED BY PATENT 4140
							GT-2533-0	Grazing & Agriculture	Lea		PART OF THE SURFACE ESTATE CONVEYED BY PATENT 4140
							R2-5472-0	Right of Way	Lea		PART OF THE SURFACE ESTATE CONVEYED BY PATENT 4140
							R3-368-0	Right of Way	Lea		PART OF THE SURFACE ESTATE CONVEYED BY PATENT 4140
C		NE4NW4	State	State	40.00	\$1.00	B0-1399-17	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
D 1			State	State	35.48	\$1.00	B0-1399-17	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							R1-8704-0	Right of Way	Lea		
							B0-				

EXHIBIT C

E	2		State	State	35.53	\$1.00	1399-17	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							R2-4545-0	Right of Way	Lea		
F		SE4NW4	State	State	40.00	\$1.00	B0-1399-17	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							R2-7363-0	Right of Way	Lea		
							R2-9265-0	Right of Way	Lea		
							R3-300-0	Right of Way	Lea		
G		SW4NE4	State	State	40.00	\$1.00	B0-1439-7	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							M0-1192-1	Right of Way	Lea		
							R2-7363-0	Right of Way	Lea		
H		SE4NE4	State	State	40.00	\$1.00	B0-1439-7	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							M0-1192-1	Right of Way	Lea		
							R1-5875-0	Right of Way	Lea		
							R1-7117-0	Right of Way	Lea		
I		NE4SE4	State	State	40.00	\$1.00	B0-1481-17	Oil & Gas	Lea		
							GT-2533-0	Grazing & Agriculture	Lea		
							M0-1192-	Right of	Lea		