

DATE IN 7-13-10	SUSPENSE	ENGINEER D B.	LOGGED IN 7-13-10	TYPE NSL	APP NO. 1019433434
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



Cimarex
(1626833)

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

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 _____

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[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 -
jamesbruce@aol.com
e-mail Address

7/18/10
Date

JAMES BRUCE
ATTORNEY AT LAW

POST OFFICE BOX 1056
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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**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	⁶ Well Number 001
⁷ OGRID No. 162683	⁸ Operator Name CIMAREX ENERGY CO. OF COLORADO	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.
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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 B0-1399-0017 1500' B0-1399-0017 990'	¹⁷ OPERATOR CERTIFICATION 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 undivided 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. Date 7/8/2010 Signature Zeno Farris Printed Name	
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor Certificate Number	

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

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

Form C-105
Revised March 25, 1999

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. <input type="checkbox"/> WELL OVER 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 <u>C</u> : <u>990</u> Feet From The <u>North</u> Line and <u>1500</u> Feet From The <u>West</u> Line Section <u>7</u> Township <u>21S</u> Range <u>35E</u> 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	
15. Total Depth 12350		16. Plug Back T.D. 12244		17. If Multiple Compl. How Many Zones? 		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	
13 3/8		48		1422		17 1/2	
9 5/8		40		5416		12 1/4	
7		29		8 3/4		11000	
						210 sx Interfill H &	
						250 sx Super H Mod	
24. LINER RECORD							
SIZE		TOP		BOTTOM		SACKS CEMENT	
4 1/2		10691		12348		160 sx Super H	
25. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
2 3/8		12190		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 		Gas - Oil Ratio 68875	
Flow Tubing Press. 100		Casing Pressure 		Calculated 24-Hour Rate 		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 		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		