

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 144249

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND, TX 79701		2. OGRID Number 215099
		3. API Number 30-025-40441
4. Property Code 309304	5. Property Name MERCHANT LIVESTOCK 19 22 33 STATE COM	6. Well No. 004

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	19	22S	33E	P	330	S	660	E	LEA

8. Pool Information

RED TANK;BONE SPRING, EAST	51687
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3663
14. Multiple N	15. Proposed Depth 15417	16. Formation Bone Spring	17. Contractor	18. Spud Date 3/31/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	1240	920	0
Int1	12.25	9.625	40	4860	1855	0
Prod	8.75	5.5	17	15417	2800	4660

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ . Printed Name: Electronically filed by GENE A HOLLOWAY Title: Email Address: gholloway@cimarex.com Date: 2/13/2012	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 2/14/2012	Expiration Date: 2/14/2014
	Phone: 918-295-1658 Conditions of Approval Attached	

DISTRICT I
1826 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 Department

Form C-102
Revised July 10, 2010

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 51687	Pool Name Red Tank; Bone Spring, East
Property Code 309304	Property Name MERCHANT LIVESTOCK 19 22 33 STATE COM	Well Number 4
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3663'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	19	22 S	33 E		330	SOUTH	660	EAST	LEA

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
P	19	22 S	33 E		330	NORTH	660	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	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

PROPOSED BOTTOM HOLE LOCATION Lat - N 32°23'01.37" Long - W 103°36'18.65" NMSPEC- N 504091.6 E 766113.6 (NAD-83)	SURFACE LOCATION Lat - N 32°22'15.66" Long - W 103°36'18.62" NMSPEC- N 499472.2 E 766147.4 (NAD-83)	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 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. Signature: <i>Terri Stathem</i> Date: 2/13/12 Printed Name: Terri Stathem Email Address: tstathem@cimarex.com 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. DECEMBER 30 2011 Date Surveyed Signature & Seal of Professional Surveyor W.O. NO. 23075 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 25915
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Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: MERCHANT LIVESTOCK 19 22 33 STATE COM #004

API: 30-025-40441

Created By	Comment	Comment Date
pkautz		2/13/2012
pkautz	Land s/S	2/13/2012
CHERRERA	OCD RECIEVED FORM C144 CLEZ. OCD PERMIT # P1-04192	2/14/2012

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. , 215099

Well: MERCHANT LIVESTOCK 19 22 33 STATE COM #004

API: 30-025-40441

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string