

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

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

1. Operator Name and Address CIMAREX ENERGY CO. OF COLORADO 5215 N. O'CONNOR BLVD. IRVING , TX 75039		2. OGRID Number 162683
		3. API Number 30-015-35237
4. Property Code 36151	5. Property Name LEATHERSTOCKING 18 STATE COM	
		6. Well No. 002

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	18	18S	28E	4	810	S	660	W	EDDY

8. Pool Information

ILLINOIS CAMP MORROW, NORTH (GAS)	78890
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Additional Well Information

9. Work Type New Well	10. Well Type GAS	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3597
14. Multiple N	15. Proposed Depth 10900	16. Formation Morrow	17. Contractor	18. Spud Date 1/15/2006
Depth to Ground water 110		Distance from nearest fresh water well > 1000		Distance to nearest surface water > 1000
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 _____ miles thick Clay <input type="checkbox"/> Pit Volume: 12000 _____ bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input checked="" type="checkbox"/>				

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	450	400	0
Int1	12.25	9.625	40	2600	1000	0
Prod	8.75	4.5	11.6	10900	1050	9100

Casing/Cement Program: Additional Comments

Complete mud, casing, and BOP info will be emailed to Bryan Arrant.

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 ☐.

OIL CONSERVATION DIVISION

Printed Name: Electronically filed by Zeno Farris

Title: Manager Operations Administration

Email Address: zfarris@magnnumhunter.com

Date: 11/20/2006

Phone: 972-443-6489

Approved By: Bryan Arrant

Title: Geologist

Approved Date: 11/27/2006

Expiration Date: 11/27/2007

Conditions of Approval Attached

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720
District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 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

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1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 42019

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-35237	2. Pool Code 78890	3. Pool Name ILLINOIS CAMP,MORROW, NORTH (GAS)
4. Property Code 36151	5. Property Name LEATHERSTOCKING 18 STATE COM	6. Well No. 002
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO	9. Elevation 3597

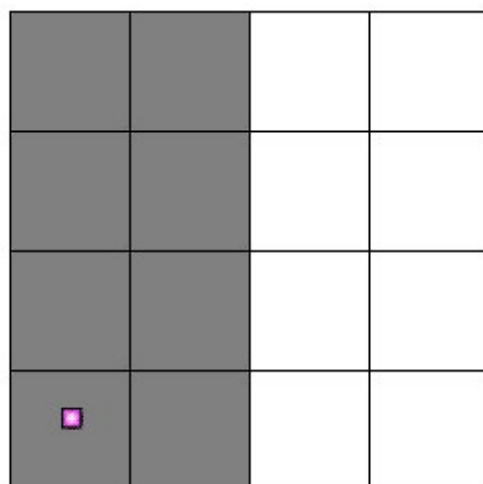
10. Surface Location

UL - Lot M	Section 18	Township 18S	Range 28E	Lot Idn 4	Feet From 810	N/S Line S	Feet From 660	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 334.68	13. Joint or Infill	14. Consolidation Code Communitization	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



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(s) 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.

E-Signed By: Zeno Farris
Title: Manager Operations Administration
Date: 11/20/2006

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.

Surveyed By: Gary Jones
Date of Survey: 11/17/2006
Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: LEATHERSTOCKING 18 STATE COM #002

API: 30-015-35237

Created By	Comment	Comment Date
NKRUEGER	Cimarex Energy Co. of Colorado has an agreement with Conocophillips Co. to drill and operate this well.	11/20/2006
NKRUEGER	C-144 will be emailed to Bryan Arrant.	11/20/2006
NKRUEGER	H2S Statement will be emailed to Bryan Arrant.	11/20/2006

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: LEATHERSTOCKING 18 STATE COM #002

API: 30-015-35237

OCD Reviewer	Condition
BArrant	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
BArrant	Cement on production casing to cover all oil, gas and water bearing zones.
BArrant	Operator comply w/NMOC Rule 19.15.3.104(EX2). "Special Rules for Multiple Operators Within a Spacing Unit"--Before well is spudded.