

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 30-015-35779
4. Property Code 35931	5. Property Name CROW FLATS 16 STATE COM	6. Well No. 003

UL - Lot L	Section 16	Township 16S	Range 28E	Lot Idn L	Feet From 1980	N/S Line S	Feet From 330	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	--------------	-------------------	---------------	------------------	---------------	----------------

CROW FLATS; WOLFCAMP	97102
----------------------	-------

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3549
14. Multiple N	15. Proposed Depth	16. Formation Abo	17. Contractor	18. Spud Date 12/1/2007
Depth to Ground water 75		Distance from nearest fresh water well		Distance to nearest surface water
<b>Pit:</b> Liner: Synthetic <input type="checkbox"/> mls thick Clay <input checked="" type="checkbox"/> Pit Volume:    bbls Drilling Method: Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	48	340	660	0
Int1	11	8.625	24	1800	625	0
Prod	7.875	5.5	17	11077	640	5800

Pilot hole TVD 6750' with KO cement plug @ 6210' - 6610'. KOP @ 6410.' EOC @ 6709' MD.

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

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 NMOCB guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCB-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by Zeno Farris		Approved By: Bryan Arrant	
Title: Manager Operations Administration		Title: Geologist	
Email Address: zfarris@magnumhunter.com		Approved Date: 9/6/2007   Expiration Date: 9/6/2008	
Date: 9/5/2007   Phone: 972-443-6489		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

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

Form C-102  
 Permit 59483

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-35779	2. Pool Code 97102	3. Pool Name CROW FLATS; WOLFCAMP
4. Property Code 35931	5. Property Name CROW FLATS 16 STATE COM	6. Well No. 003
7. OGRID No. 162683	8. Operator Name CIMAREX ENERGY CO. OF COLORADO	9. Elevation 3549

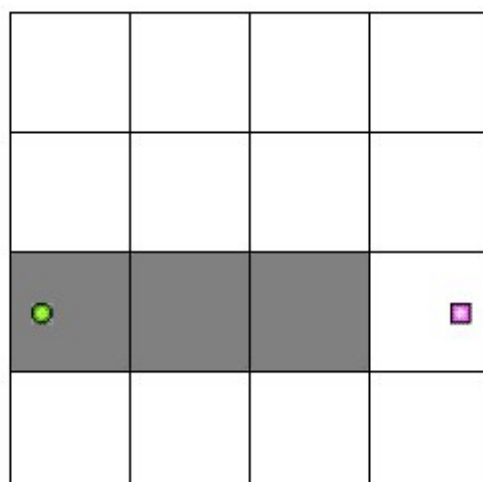
**10. Surface Location**

UL - Lot L	Section 16	Township 16S	Range 28E	Lot Idn	Feet From 1980	N/S Line S	Feet From 330	E/W Line W	County EDDY
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	----------------

**11. Bottom Hole Location If Different From Surface**

11. Bottom Hole Location if Different from Surface									
UL - Lot L	Section 16	Township 16S	Range 28E	Lot Idn L	Feet From 1980	N/S Line S	Feet From 330	E/W Line E	County EDDY
12. Dedicated Acres 120.00		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**



**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: 9/5/2007

**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 L. Jones  
 Date of Survey: 7/26/2007  
 Certificate Number: 7977

## Permit Comments

**Operator:** CIMAREX ENERGY CO. OF COLORADO , 162683

**Well:** CROW FLATS 16 STATE COM #003

**API:** 30-015-35779

Created By	Comment	Comment Date
NKRUEGER	C-144 will be emailed to Tim Gum.	9/5/2007
NKRUEGER	H2S Statement will be emailed to Bryan Arrant.	9/5/2007
NKRUEGER	Complete mud, casing, and BOP details will be emailed to Bryan Arrant.	9/5/2007
NKRUEGER	Directional survey will be emailed to Bryan Arrant.	9/5/2007

# Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: CROW FLATS 16 STATE COM #003

API: 30-015-35779

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	As noted, operator to drill surface hole with fresh water mud.
BArrant	Will require a directional survey with the C-104