State of New Mexico

Form C-101 Permit 107515

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

CIMAREX E	perator Name and Address NERGY CO. OF COLORADO	OGRID Number 162683	
	5 E 5TH STREET ULSA, OK 74103	3. API Number 30-015-37508	
4. Property Code 37995	5. Property Name CYPHER 36 STATE COM	6. Well No. 001	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	36	25S	25E	A	660	N	660	E	EDDY

8. Pool Information

COTTONWOOD SPRING; MORROW GAS

96612

Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lesse Type	13. Ground Level Elevation
New Well	GAS		State	3491
14. Multiple	15. Proposed Depth	16. Formation 17. Cont. Morrow		18. Spud Date
N	12300			2/15/2009
Depth to Ground	water	Distance from nearest fi	resh water well	Distance to nearest surface water
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume:	bbls Drilling Method: Fresh Water X Brine	Diesel/Oil-based Gas/Air

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	500	0		
Int1	12.25	9.625	36	1718	500	0		
Prod	8.75	7	26	12300	2300	1518		

Casing/Cement Program: Additional Comments

Mud, casing, cementing, and BOP details will be emailed to Jacqui Reeves.

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	OIL CONSERVATION DIVISION				
NMOCD guidelines a general permit or an (attached) alternative	Approved By: Jacqueta Reeves				
Printed Name: Electronically filed by Zeno Farris	Title: District Geologist				
Title: Manager Operations Administration	Approved Date: 1/19/2010	Expiration Date: 1/19/2012			
Email Address: zfarris@magnumhunter.com					
Date: 1/7/2010 Phone: 972-443-6489					

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

Form C-102

Permit 107515

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

***	LLL LOCATION AND AC	ALAGE DEDICATION I	LAI
1. API Number	2. Pool Code	2. Pool Code 3. Pool Name 96612 COTTONWOOD SPRING; MORROW GA	
30-015-37508	96612		
4. Property Code	5. Property Name		6. Well No.
37995	CYPHER 36	STATE COM	001
7. OGRID No.	8. Operator Name		9. Elevation
162683	CIMAREX ENERGY	3491	

10. Surface Location

UL - Lot	Section	Township	Dance	Lot Ide	Feet From	N/C Lina	Past Pener	P/W Line	County
OL - Lot	Section	Township		Lot Idii	44	IV.5 Line		E W Line	County
A	36	25S	25E		660	N	660	E	EDDY

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
12. Dedi	cated Acres	13	Joint or Infill		14. Consolidation Code		tion Code 15. Order No.				
32	0.00				C	ommunitizati	on				

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: 1/7/2010

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: 1/4/2010 Certificate Number: 7977