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

CIMAREX ENE	tor Name and Address RGY CO. OF COLORADO	OGRID Number 162683	
	SA, OK 74103	3. API Number 30-015-38029	
4. Property Code 38126	5. Property Name DARTER 9 STATE	6. Wett No. 007	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	9	17S	29E	F	1750	N	1650	W	EDDY

8. Pool Information

GJ;7RVS-QN-GB-GLORIETA-YESO 97558

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3584	
14. Multiple N	15. Proposed Depth 6000	16. Formation Paddock	17. Contractor	18. Spud Date 8/15/2010	
Depth to Ground	water	Distance from nearest fresh wa	ter well	Distance to nearest surface water	
Pit: Liner: Synthetic Closed Loop Syste	mils thick	Clay Pit Volume: bit	ols Drilling Method: Fresh Water X Brine I	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	16	11.75	42	450	400	0
Int1	11	8.625	24	1100	500	0
Prod	7.875	5.5	15.5	6000	1330	900

Casing/Cement Program: Additional Comments

All mud, casing, cement, and BOP details will be emailed to Artesia OCD.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer]
DoubleRam	5000	5000	Cameran	1

of my knowledge and belief.	n given above is true and complete to the best g pit will be constructed according to	OIL CONSERVATION DIVISION				
	al permit , or an (attached) alternative	Approved By: Randy Dade				
Printed Name: Electronically	y filed by Zeno Farris	Title: District Supervisor				
Title: Manager Operations	Administration	Approved Date: 7/26/2010	Expiration Date: 7/26/2012			
Email Address: zfarris@ma	gnumhunter.com					
Date: 7/19/2010	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 I

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

Form C-102 Permit 117655

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

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1. API Number	2. Pool Code	3. I	ool Name
30-015-38029	97558	B-GLORIETA-YESO	
4. Property Code	5. Property Name		6. Wett No.
38126	DARTER	STATE	007
7. OGRID No.	8. Operato	9. Elevation	
162683	CIMAREX ENERGY (3584	

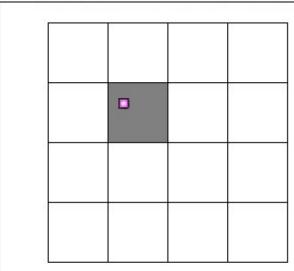
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
F	9	17S	29E		1750	N	1650	W	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
V. 100 100 100 100 100 100 100 100 100 10	cated Acres	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: 7/19/2010

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: 6/2/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: DARTER 9 STATE #007

API: 30-015-38029

Created By	Comment	Comment Date
NKRUEGER	C-102, C-144, and H2S statement will be emailed to Artesia OCD.	7/19/2010

Permit Conditions of Approval Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: DARTER 9 STATE #007

API: 30-015-38029

OCD Reviewer	Condition
Artesia	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