State of New Mexico

Form C-101 Permit 112026

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 EN	rator Name and Address ERGY CO. OF COLORADO	OGRID Number 162683	
135	E 5TH STREET LSA , OK 74103	3. API Number 30-015-37764	
4. Property Code 38053	5. Property Name DARNER 9 STATE	6. Wett No. 016	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	9	17S	29E	L	2310	S	330	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. Lesse Type State	13. Ground Level Elevation 3595
14. Multiple N	15. Proposed Depth 6000	16. Formation Paddock	17. Contractor	18. Spud Date 4/30/2010
Depth to Ground	water	Distance from nearest f	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	14.75	11.75	42	450	530	0
Int1	11	8.625	24	1100	500	0
Prod	7.875	5.5	15.5	6000	1330	900

Casing/Cement Program: Additional Comments

Proposed Blowout Prevention Program

2.3			0.02	_
Type	Working Pressure	Test Pressure	Manufacturer]
DoubleRam	5000	5000	Cameran	1

of my knowledge and belief.	given above is true and complete to the best oit will be constructed according to	OIL CONSERVATION DIVISION			
	permit, or an (attached) alternative	Approved By: Jacqueta Reeves			
Printed Name: Electronically	filed by Zeno Farris	Title: District Geologist			
Title: Manager Operations Ac	Iministration	Approved Date: 4/28/2010	Expiration Date: 4/28/2012		
Email Address: zfarris@magn	umhunter.com				
Date: 4/8/2010	Phone: 972-443-6489	Conditions of Approval Atta	ched		

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

Form C-102 Permit 112026

Energy, Minerals and Natural Resources

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code	3. I	Pool Name	
30-015-37764	97558 GJ;7RVS-QN-G		B-GLORIETA-YESO	
4. Property Code	5. Propert	y Name	6. Well No.	
38053	DARNER 9	STATE	016	
7. OGRID No.	8. Operato	9. Elevation		
162683	CIMAREX ENERGY O	CO. OF COLORADO	3595	

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	9	17S	29E		2310	S	330	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
2.000	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

300		
30		

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: 4/8/2010

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: 2/9/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: DARNER 9 STATE #016

API: 30-015-37764

Created By	Comment	Comment Date
NKRUEGER	Mud, casing, cement, and BOP information, as well as C-144, to be emailed to Jacqui Reeves.	4/8/2010

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: DARNER 9 STATE #016

API: 30-015-37764

OCD Reviewer	Condition
JVREEVES	BOP test must be performed by third party, per District II Supervisor.