State of New Mexico

Form C-101 Permit 116063

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	2. OGRID Number
	Y CO. OF COLORADO	162683
15 E 5TH STREET TULSA , OK 74103		3. API Number
		30-025-39793
4. Property Code	5. Property Name	6. Well No.
21762	STATE DR	006

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	198	32E	D	330	N	660	W	LEA

8. Pool Information

LUSK;BONE SPRING,	EAST	41442
ECOLLED OF THE OF	2.101	1.11

Additional Well Information

9. Work Type	10. Well Type	11. Cable/Rotary	12. Lesse Type	13. Ground Level Elevation	
New Well	OIL		State	3617	
14. Multiple	15. Proposed Depth	16. Formation			
N	13941	Bone Spring			
Depth to Ground	water	Distance from nearest fr	esh 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	900	1140	0
Int1	12.25	9.625	40	4800	1095	0
Prod	8.75	7	26	9149	1230	4600
Liner1	6.125	4.5	11.6	13941	0	
Prod	8.75	2.875	2.18	9700	0	

Casing/Cement Program: Additional Comments

Set surface and intermediate casing. Drill to pilot hole TD of 9700.' Set 7" casing from 0-9149' and 2-7/8" fiberglass tubing from 9149-9700.' Cement to 4600' (FG and cement act as kick off plug for lateral). Then kick off 6-1/8" lateral hole and drill to TD. Run PEAK completion liner, which requires no cement.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

I hereby certify that the information given above is of my knowledge and belief. I further certify that the drilling pit will be con	A CONTRACTOR OF THE PARTY OF TH	OIL CONSERVATION DIVISION		
NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .		Approved By: Paul Kautz		
Printed Name: Electronically filed by Zen	o Farris	Title: Geologist		
Title: Manager Operations Administration	n	Approved Date: 6/18/2010	Expiration Date: 6/18/2012	
Email Address: zfarris@magnumhunter.co	o <mark>m</mark>			
Date: 6/16/2010 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 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 116063

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

Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 47737 4	22.42.4			
API Number	2. Pool Code	3.1	Pool Name	
30-025-39793	41442 LUSK;BONE		E SPRING, EAST	
4. Property Code	5. Property	Name	6. Well No.	
21762	STATE	STATE DR		
7. OGRID No.	8. Operator	Name	9. Elevation	
162683	CIMAREX ENERGY CO. OF COLORADO 3617			

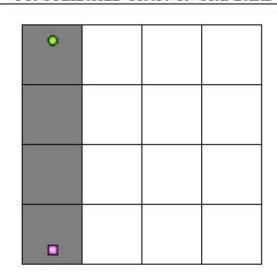
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	16	198	32E	II. In one of	330	N	660	W	LEA

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
M	16	19S	32E	M	330	S	660	W	
	cated Acres	13. J	oint or Infill	7	. Consolidation (communitizati	12 400 R		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: 6/16/2010

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: 5/15/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO, 162683

Well: STATE DR #006 API: 30-025-39793

Created By	Comment	Comment Date
NKRUEGER	Preliminary directional survey, C-102, and C-144 will be emailed to the Hobbs OCD office.	6/16/2010
DMULL	OCD Hobbs has received form C-144CLEZ. OCD Permit Number P1-02130.	6/17/2010

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: STATE DR #006

API: 30-025-39793

OCD Reviewer	Condition
pkautz	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