State of New Mexico

Form C-101 Permit 123437

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	
CIMAREX ENERG	162683		
600 N. Marienfeld St Midland, TX 79701		3. API Number	
TVIIOIAI	5, 111 / 5/01	30-015-38275	
. Property Code 5. Property Name		6. Well No.	
38387	EXXON STATE	003	

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	25	198	28E	0	330	S	1980	E	EDDY

8. Pool Information

WINCHESTER:BONE SPRING 650

Additional Well Information

9. Work Type	10. Wett Type	11. Cable/Rotary	12. Lesse Type	13. Ground Level Elevation	
New Well	OIL		State	3305	
14. Multiple	15. Proposed Depth	16. Formation			
N	12193	Bone Spring			
Depth to Ground	water	Distance from nearest fre	sh 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	350	395	0
Int1	12.25	9.625	40	2500	815	0
Prod	8.75	5.5	17	12193	2200	1600

Casing/Cement Program: Additional Comments

Drill to 8-3/4" pilot hole TD @ 7950 and log. Pump a 250 sx HalCemH cmt plug from 7950-7340. Kick off 8-3/4" lateral @ 7400 and drill to TD @ 12193. Run 5-1/2" production casing and cement. All casing details to be emailed to OCD.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameran

of my knowledge and belief.	ion given above is true and complete to the best ing pit will be constructed according to	OIL CONSERVATION DIVISION		
	eral permit , or an (attached) alternative	Approved By: Randy Dade		
Printed Name: Electronica	Illy filed by Zeno Farris	Title: District Supervisor		
Title: Manager Operation	s Administration	Approved Date: 11/18/2010	Expiration Date: 11/18/2012	
Email Address: zfarris@c	imarex.com			
Date: 11/17/2010	Phone: 432-620-1936	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 123437

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	
30-015-38275	65010 WINCHESTE		STER;BONE SPRING	
4. Property Code	5. Property	Name	6. Well No.	
38387	EXXON STATE		003	
7. OGRID No.	8. Operator Name		9. Elevation	
162683	CIMAREX ENERGY C	O. OF COLORADO	3305	

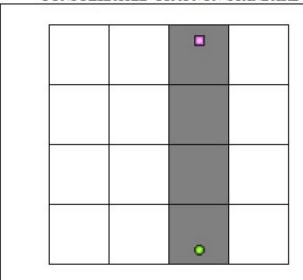
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
0	25	198	28E		330	S	1980	E	EDDY

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
B	25	198	28E	B	330	N	1980	E	EDDY
200000000000000000000000000000000000000	cated Acres 0.00	13. J	oint 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: 11/17/2010

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: 7/26/2010 Certificate Number: 7977

Permit Comments

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683

Well: EXXON STATE #003

API: 30-015-38275

Created By	Comment	Comment Date
NKRUEGER	C-102, C-144, H2S Statement, and preliminary directional survey to be emailed to OCD.	11/17/2010

Permit Conditions of Approval

Operator: CIMAREX ENERGY CO. OF COLORADO , 162683 Well: EXXON STATE #003

API: 30-015-38275

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