

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 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
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 157042

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CIMAREX ENERGY CO. 600 N MARIENFELD STREET MIDLAND , TX 79701		2. OGRID Number 215099
		3. API Number 30-025-40841
4. Property Code 39527	5. Property Name QUAIL 11 STATE	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	11	19S	34E	P	210	S	660	E	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	11	19S	34E	A	330	N	660	E	Lea

9. Pool Information

SCHARB;BONE SPRING	55610
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3961
16. Multiple N	17. Proposed Depth	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 12/15/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. 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	1925	1455	0
Int1	12.25	9.625	40	5450	1775	0
Prod	8.75	5.5	17	15284	1540	0

Casing/Cement Program: Additional Comments

After setting surf & int csg drill 8-3/4" hole to KOP @ 10273' and KO & drill 8-3/4" lateral to TD 15284' MD/10750' TVD. Set 5-1/2" csg & cmt.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
DoubleRam	5000	5000	Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> , if applicable. Signature:	OIL CONSERVATION DIVISION	
	Approved By: ELIDIO GONZALES	
Printed Name: Electronically filed by GENEVA A HOLLOWAY	Title: HOBBS STAFF MANAGER	
Title:	Approved Date: 10/31/2012	Expiration Date: 10/31/2014
Email Address: gholloway@cimarex.com		
Date: 10/30/2012	Phone: 918-295-1658	

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240
Phone (505) 893-0101 Fax: (505) 503-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 384-0170 Fax: (505) 834-0170

DISTRICT IV
1280 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3400 Fax: (505) 476-3402

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-	Pool Code	Pool Name Wildcat; Bone Spring
Property Code	Property Name QUAIL 11 STATE	Well Number 1H
OGRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3961'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	11	19 S	34 E		210	SOUTH	660	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	19 S	34 E		330	NORTH	660	EAST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

N: 612782.5 E: 785555.6		<p>PROPOSED BOTTOM HOLE LOCATION Lat - N 32°40'52.32" Long - W 103°31'28.37" NMSPC- N 612499.6 E 790183.5 (NAD-83)</p>	<p>N: 612836.2 E: 790840.4 660' B.H.</p>	<p>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 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 district.</p> <p><i>Terri Statthem</i> 10-30-12 Signature Terri Statthem Date</p> <p>Printed Name tstatthem@cimarex.com</p> <p>Email Address</p>
		<p>SURFACE LOCATION Lat - N 32°40'05.43" Long - W 103°31'28.31" NMSPC- N 807761.2 E 790225.1 (NAD-83)</p>	<p>4739.6' 210' S.L.</p>	<p>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.</p> <p>SEPTEMBER 10 2012 Date Surveyed Signature & Seal of Surveyor Professional Surveyor Certificate No. 27358 7977 Basin I Jones 7977</p> <p>BASIN SURVEYS</p>
N: 607505.4 E: 785603.4			<p>N: 607557.9 E: 790886.8 660'</p>	

Permit Comments

Operator: CIMAREX ENERGY CO. , 215099

Well: QUAIL 11 STATE #001H

API: 30-025-40841

Created By	Comment	Comment Date
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05384	10/31/2012