

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-8181 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 188642

**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
4. Property Code 313269		3. API Number 30-025-41857
5. Property Name TEAL 12 STATE COM		6. Well No. 001H

**7. Surface Location**

UL - Lot <b>M</b>	Section <b>12</b>	Township <b>19S</b>	Range <b>34E</b>	Lot Idn	Feet From <b>330</b>	N/S Line <b>S</b>	Feet From <b>660</b>	E/W Line <b>W</b>	County <b>Lea</b>
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**8. Proposed Bottom Hole Location**

UL - Lot <b>D</b>	Section <b>12</b>	Township <b>19S</b>	Range <b>34E</b>	Lot Idn <b>D</b>	Feet From <b>330</b>	N/S Line <b>N</b>	Feet From <b>660</b>	E/W Line <b>W</b>	County <b>Lea</b>
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**9. Pool Information**

SCHARB;BONE SPRING	55610
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**Additional Well Information**

11. Work Type <b>New Well</b>	12. Well Type <b>OIL</b>	13. Cable/Rotary	14. Lease Type <b>State</b>	15. Ground Level Elevation <b>3958</b>
16. Multiple <b>N</b>	17. Proposed Depth <b>15172</b>	18. Formation <b>3rd Bone Spring Sand</b>	19. Contractor	20. Spud Date <b>7/1/2014</b>
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1950	1198	0
Int1	12.25	9.625	40	5450	1238	0
Prod	8.75	5.5	17	15172	1878	4800

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	2000	2000	Cameron
Double Ram	3000	3000	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 checked="" type="checkbox"/> , if applicable.  Signature: _____ Printed Name: <b>Electronically filed by GENEVA HOLLOWAY</b> Title: <b>Prod Admin Supervisor</b> Email Address: <b>gholloway@cimarex.com</b> Date: <b>5/22/2014</b>	<div style="text-align: center;"><b>OIL CONSERVATION DIVISION</b></div> Approved By: <b>Paul Kautz</b> Title: <b>Geologist</b> Approved Date: <b>5/23/2014</b> Expiration Date: <b>5/23/2016</b> Conditions of Approval Attached
Phone: <b>918-295-1658</b>	

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Phone (505) 746-1263 Fax: (505) 746-8720

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DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3480 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**

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

Form C-102

Revised August 1, 2011

Submit one copy to appropriate  
District Office

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

☐ AMENDED REPORT

API Number <b>30-025</b>	Pool Code	Pool Name <b>Wildcat; Bone Spring</b>
Property Code	Property Name <b>TEAL 12 STATE</b>	Well Number <b>1H</b>
OGRID No. <b>215099</b>	Operator Name <b>CIMAREX ENERGY CO.</b>	Elevation <b>3958</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	USAT from the	North/South line	USAT from the	East/West line	County
<b>M</b>	<b>12</b>	<b>19 S</b>	<b>34 E</b>		<b>330</b>	<b>SOUTH</b>	<b>660</b>	<b>WEST</b>	<b>LEA</b>

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	USAT from the	North/South line	USAT from the	East/West line	County
<b>D</b>	<b>12</b>	<b>19 S</b>	<b>34 E</b>		<b>330</b>	<b>NORTH</b>	<b>660</b>	<b>WEST</b>	<b>LEA</b>
Dedicated Acres <b>160</b>	Joint or Infill	Consolidation Code	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

<p>N: 612836.2 E: 780640.4 (NAD83)</p> <p>660'</p> <p>4619.9'</p> <p>330'</p>	<p>N: 612883.8 E: 793495.5 (NAD83)</p> <p><b>PROPOSED BOTTOM HOLE LOCATION</b> Lat - N 32°40'52.35" Long - W 103°31'12.93" NMSPC- N 612513.1 E 791503.1 (NAD-83)</p>	<p>N: 612889.8 E: 796137.2 (NAD83)</p>	<p><b>OPERATOR CERTIFICATION</b> 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 division.</p> <p><i>Aricka Easterling</i> 5/22/14 Signature Date <b>Aricka Easterling</b> Printed Name <b>aeasterling@cimarex.com</b> Email Address</p>
<p>N: 607857.8 E: 790886.8 (NAD83)</p> <p>660'</p> <p>330'</p>	<p><b>SURFACE LOCATION</b> Lat - N 32°40'06.65" Long - W 103°31'12.87" NMSPC- N 607894.3 E 791544.0 (NAD-83)</p>	<p>N: 607810.4 E: 796170.3 (NAD83)</p>	<p><b>SURVEYOR CERTIFICATION</b> 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><b>OCTOBER 25 2013</b> Date Surveyed Signature of Professional Surveyor <b>7977</b> Certification Number 7977 Bureau Stamp</p> <p>0' 500' 1000' 1500' 2000' SCALE: 1" = 1000' WO Num.: 29645</p>

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**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 188642

**PERMIT COMMENTS**

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701		API Number: 30-025-41857
		Well: TEAL 12 STATE COM #001H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 188642

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND, TX 79701	API Number: 30-025-41857
	Well: TEAL 12 STATE COM #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	Scharb/Bone Spring pool has special pool rules that requires the producing interval be no closer than 460' to the outer boundary of your project area. If perforated closer than 460' to the outer boundary of your project area will require a administrative order for non-standard location prior to placing the well on production.