

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 237737

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 318093		3. API Number 30-015-44275
5. Property Name PARKWAY 17 STATE		6. Well No. 006H

7. Surface Location

UL - Lot	M	Section	17	Township	19S	Range	29E	Lot Idn		Feet From	920	N/S Line	S	Feet From	282	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	P	Section	17	Township	19S	Range	29E	Lot Idn	P	Feet From	660	N/S Line	S	Feet From	330	E/W Line	E	County	Eddy
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9. Pool Information

SCANLON DRAW;BONE SPRING	55510
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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 3369
16. Multiple N	17. Proposed Depth 13433	18. Formation Bone Spring	19. Contractor	20. Spud Date 6/26/2017
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	48	450	286	0
Int1	12.25	9.625	36	3023	759	0
Prod	8.75	5.5	17	13433	1367	2826

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	1000	2000	Cameron
Double Ram	1500	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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Genea A Holloway	Approved By: Raymond Podany
Title: Prod Admin Supervisor	Title: Geologist
Email Address: gholloway@cimarex.com	Approved Date: 6/22/2017 Expiration Date: 6/22/2019
Date: 6/19/2017 Phone: 918-295-1658	Conditions of Approval Attached

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015	² Pool Code	³ Pool Name Wildcat, Bone Spring
⁴ Property Code	⁵ Property Name PARKWAY 17 STATE	⁶ Well Number 6H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3369.1'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
M	17	19S	29E		920	SOUTH	282	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot	Feet from the	North/South line	Feet from the	East/West line	County
P	17	19S	29E		660	SOUTH	330	EAST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>¹⁶</p> <p>N89°39'41"W - 2642.11' (Meas.)</p> <p>NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°39'22.18" (32.656161) LONGITUDE = 104°06'16.81" (104.104669) NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°39'21.76" (32.656044) LONGITUDE = 104°06'14.99" (104.104164) STATE PLANE NAD 83 (N.M. EAST) N: 602518.46 E: 611710.91 STATE PLANE NAD 27 (N.M. EAST) N: 602456.26 E: 570531.13</p> <p>NAD 83 (BOTTOM HOLE LOCATION) LATITUDE = 32°39'19.47" (32.655408) LONGITUDE = 104°05'21.99" (104.089442) NAD 27 (BOTTOM HOLE LOCATION) LATITUDE = 32°39'19.04" (32.655289) LONGITUDE = 104°05'20.16" (104.088933) STATE PLANE NAD 83 (N.M. EAST) N: 602254.41 E: 616398.73 STATE PLANE NAD 27 (N.M. EAST) N: 602192.18 E: 575218.95</p> <p>LINE TABLE</p> <table border="1"> <thead> <tr> <th>LINE</th> <th>DIRECTION</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td>L1</td> <td>S10°02'20"E</td> <td>264.05'</td> </tr> </tbody> </table> <p>282' 330' 920' 660'</p> <p>SHL LP</p> <p>N00°15'47"E - 2641.41' (Meas.)</p> <p>N00°19'29"E - 2633.26' (Meas.)</p> <p>N89°36'08"W - 2646.55' (Meas.)</p>	LINE	DIRECTION	LENGTH	L1	S10°02'20"E	264.05'	<p>N89°46'58"W - 2639.50' (Meas.)</p> <p>1000' 500' 0' 1000'</p> <p>SCALE DRAWN BY: S.F. 06-09-17</p> <p>● = SURFACE HOLE LOCATION ○ = BOTTOM HOLE LOCATION ▲ = SECTION CORNER LOCATED ◆ = LANDING POINT</p> <p>17</p> <p>N00°02'31"E - 2638.78' (Meas.)</p> <p>N00°02'12"E - 2637.59' (Meas.)</p> <p>N89°48'21"W - 2658.51' (Meas.)</p> <p>330' 660'</p> <p>BHL</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>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 Eaterling</i> 6/13/17 Signature Date</p> <p>Aricka Eaterling Printed Name</p> <p>aeasterling@cimarex.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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>June 08, 2017 Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>PAUL BUCHELE NEW MEXICO 23782 06-10-17 PROFESSIONAL SURVEYOR</p> <p>Certificate Number:</p>
LINE	DIRECTION	LENGTH						
L1	S10°02'20"E	264.05'						

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Form APD Comments

Permit 237737

PERMIT COMMENTS

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701		API Number: 30-015-44275
		Well: PARKWAY 17 STATE #006H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 237737

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701		API Number: 30-015-44275
		Well: PARKWAY 17 STATE #006H
OCD Reviewer	Condition	
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing	
RPodany	Will require a directional survey with the C-104	