

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

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 230064

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 309514		3. API Number 30-025-43506
5. Property Name TRES EQUIS STATE		6. Well No. 006H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	6	24S	33E	B	300	N	2020	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
O	6	24S	33E	O	330	S	1370	E	Lea

9. Pool Information

TRIPLE X;BONE SPRING, WEST	96674
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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 3647
16. Multiple N	17. Proposed Depth 15596	18. Formation Bone Spring	19. Contractor	20. Spud Date 2/6/2017
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	1250	768	0
Int1	12.25	9.625	40	4090	995	0
Prod	8.75	5.5	17	15596	2001	3890

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: Electronically filed by Geneva A Holloway Title: Prod Admin Supervisor Email Address: gholloway@cimarex.com Date: 12/21/2016	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Paul Kautz Title: Geologist Approved Date: 12/22/2016 Expiration Date: 12/22/2018 Conditions of Approval Attached
Phone: 918-295-1658	

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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 30-025	² Pool Code 96674	³ Pool Name Triple X; Bone Spring, West
⁴ Property Code 309514	⁵ Property Name TRES EQUIS STATE	
⁷ GRID NO. 215099	⁸ Operator Name CIMAREX ENERGY COMPANY	⁶ Well Number 6H ⁹ Elevation 3647'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/West line	County
2	6	24S	33E		300	NORTH	2020	EAST	LEA

¹¹ 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
0	6	24S	33E		330	SOUTH	1370	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.

No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

<p>N 89°43'21" E 2582.60'</p> <p>300' TO S. L.</p> <p>LOT 3 39.94 Ac. (REC)</p> <p>GEODETIC DATA NAD 83 GRID - NM EAST</p> <p>SURFACE LOCATION N: 456579.9 - E: 765126.4 LAT: 32.25313933° N LONG: 103.60941831° W</p> <p>LANDING POINT N: 456553.1 - E: 765776.8 LAT: 32.25305373° N LONG: 103.60731500° W</p> <p>BOTTOM HOLE N: 451936.2 - E: 765805.6 LAT: 32.24036278° N LONG: 103.60732297° W</p> <p>CORNER DATA NAD 83 GRID - NM EAST</p> <p>A: FOUND BRASS CAP "1913" N: 451583.0 - E: 761954.2</p> <p>B: FOUND 1" IRON PIPE N: 454223.7 - E: 761938.8</p> <p>C: FOUND BRASS CAP "1916" N: 456864.3 - E: 761923.4</p> <p>D: FOUND BRASS CAP "1913" N: 456876.8 - E: 764505.5</p> <p>E: FOUND BRASS CAP "1913" N: 456890.0 - E: 767144.5</p> <p>F: FOUND BRASS CAP "1913" N: 454254.0 - E: 767160.4</p> <p>G: FOUND BRASS CAP "1913" N: 451614.5 - E: 767177.4</p> <p>H: FOUND BRASS CAP "1913" N: 451598.7 - E: 764537.5</p> <p>N 89°39'08" E 2583.93'</p>		<p>N 89°42'49" E 2639.61'</p> <p>330' TO L. P.</p> <p>2020' TO S. L.</p> <p>1370' TO L. P.</p> <p>LOT 2 39.90 Ac. (REC)</p> <p>LOT 1 39.86 Ac. (REC)</p> <p>N 89°42'49" E (GRID) 650.39' (HORIZ.)</p> <p>S 00°21'25" E (GRID) 4,647.96' (HORIZ.)</p> <p>S 00°22'03" E 2640.11'</p> <p>1370'</p> <p>330'</p> <p>N 89°39'25" E 2640.41'</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 agreement heretofore entered by the division.</p> <p>Signature: <i>Aricka Easterling</i> Date: 12/21/16</p> <p>Printed Name: Aricka Easterling</p> <p>E-mail Address: aeasterling@cimarex.com</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>12-2-2016 Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>19680 Certificate Number</p>
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RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1612403

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Form APD Comments

Permit 230064

PERMIT COMMENTS

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701	API Number: 30-025-43506
	Well: TRES EQUIS STATE #006H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 230064

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: CIMAREX ENERGY CO. [215099] 600 N MARIENFELD STREET MIDLAND , TX 79701	API Number: 30-025-43506
	Well: TRES EQUIS STATE #006H

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	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	The Operator is to notify NMOC by sundry (Form C-103) within ten (10) days of spudding a well.
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.
pkautz	Submit Gas Capture Plan form prior to spudding or initiating recompletion operations