

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-8161 Fax:(505) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-8178 Fax:(505) 334-6170  
**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 197382

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

1. Operator Name and Address MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240		2. OGRID Number 228937
4. Property Code 314001		3. API Number 30-025-42352
5. Property Name CIMARRON 16-19-34		6. Well No. 001H

**7. Surface Location**

UL - Lot	A	Section	16	Township	19S	Range	34E	Lot Idn		Feet From	250	N/S Line	N	Feet From	985	E/W Line	E	County	Lea
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**8. Proposed Bottom Hole Location**

UL - Lot	P	Section	16	Township	19S	Range	34E	Lot Idn	P	Feet From	240	N/S Line	S	Feet From	380	E/W Line	E	County	Lea
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**9. Pool Information**

QUAIL RIDGE;BONE SPRING	50460
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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 3825
16. Multiple N	17. Proposed Depth 16000	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 1/5/2015
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	1800	1570	0
Int1	12.25	9.625	40	5840	1785	0
Prod	8.75	5.5	20	14517	1705	5000

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	CAMERON
Double Ram	10000	10000	CAMERON
Pipe	10000	10000	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 Michael Ernest Title: Chief Engineer Email Address: mernest@matadorresources.com Date: 12/23/2014	<b>OIL CONSERVATION DIVISION</b>  Approved By: Paul Kautz Title: Geologist Approved Date: 12/24/2014 Expiration Date: 12/24/2016 Conditions of Approval Attached
Phone: 972-371-5223	

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

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>CIMARRON 16-19-34</b>	<sup>6</sup> Well Number <b>#1H</b>
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name <b>MATADOR PRODUCTION COMPANY</b>	<sup>9</sup> Elevation <b>3825'</b>

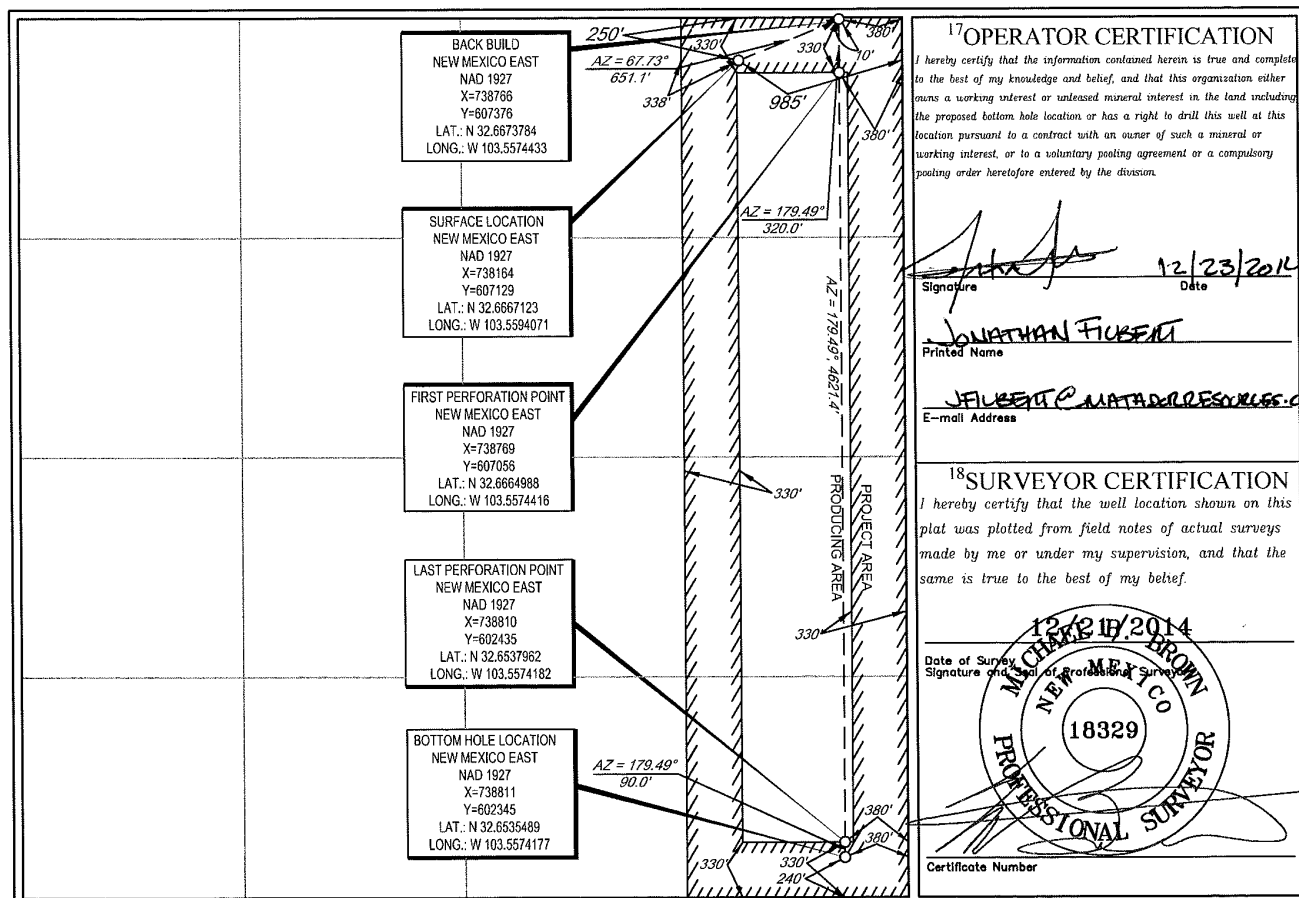
<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>A</b>	<b>16</b>	<b>19-S</b>	<b>34-E</b>	<b>-</b>	<b>250'</b>	<b>NORTH</b>	<b>985'</b>	<b>EAST</b>	<b>LEA</b>

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>P</b>	<b>16</b>	<b>19-S</b>	<b>34-E</b>	<b>-</b>	<b>240'</b>	<b>SOUTH</b>	<b>380'</b>	<b>EAST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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.



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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form APD Comments

Permit 197382

**PERMIT COMMENTS**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-42352
		Well: CIMARRON 16-19-34 #001H
Created By	Comment	Comment Date
AMONROE	C-103 TO CANCEL PERMIT FOR CIMARRON COM #001H IS BEING SUBMITTED TODAY.	12/23/2014

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Form APD Conditions

Permit 197382

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-42352
	Well: CIMARRON 16-19-34 #001H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	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	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water