

**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) 334-8170  
**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 228899

**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 313717		3. API Number 30-015-43966
5. Property Name GUITAR 10 24 28 RB		6. Well No. 221H

**7. Surface Location**

UL - Lot	D	Section	11	Township	24S	Range	28E	Lot Idn	D	Feet From	934	N/S Line	N	Feet From	224	E/W Line	W	County	Eddy
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**8. Proposed Bottom Hole Location**

UL - Lot	D	Section	10	Township	24S	Range	28E	Lot Idn	D	Feet From	330	N/S Line	N	Feet From	240	E/W Line	W	County	Eddy
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**9. Pool Information**

CULEBRA BLUFF;WOLFCAMP, SOUTH (GAS)	75750
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**Additional Well Information**

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2979
16. Multiple N	17. Proposed Depth 11000	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/10/2017
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	54.5	600	500	
Int1	12.25	9.625	40	2500	800	
Int2	8.75	7.625	29.7	9900	800	1500
Int2	8.75	7	29	10800	800	1500
Prod	6.125	5.5	20	9800	590	9800
Prod	6.125	4.5	13.5	15500	590	9800

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	3000	Cameron
Double Ram	10000	5000	Cameron
Pipe	10000	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 checked="" type="checkbox"/> if applicable.  Signature: _____ Printed Name: Electronically filed by Ava Monroe Title: Engineering Tech Email Address: amonroe@matadorresources.com Date: 11/18/2016	<b>OIL CONSERVATION DIVISION</b>  Approved By: Paul Kautz Title: Geologist Approved Date: 11/22/2016 Conditions of Approval Attached
Expiration Date: 11/22/2018 Phone: 972-371-5218	

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

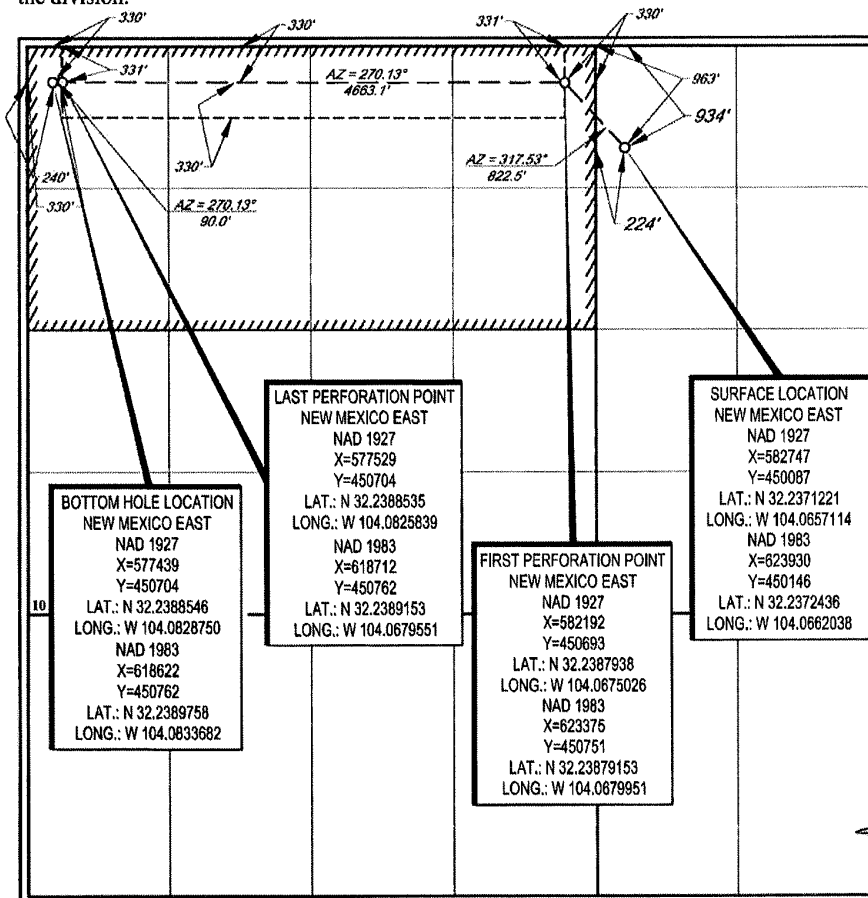
☐ **AMENDED REPORT**

<sup>1</sup> API Number		<sup>2</sup> Pool Code 75750	<sup>3</sup> Pool Name CULEBRA BLUFF;WOLFCAMP, SOUTH
<sup>4</sup> Property Code	<sup>5</sup> Property Name GUITAR 10-24S-28E RB		<sup>6</sup> Well Number #221H
<sup>7</sup> GRID No. 228937	<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY		<sup>9</sup> Elevation 2979'

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	24-S	28-E	—	934'	NORTH	224'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	24-S	28-E	—	330'	NORTH	240'	WEST	EDDY

<sup>12</sup> Dedicated Acres <b>320</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.

Signature Chris Craft Date 10/25/12  
Printed Name Chris Carleton  
E-mail Address carleton@carletonsource.ca

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 to the best of my belief.

08/24/2014

Date of Survey \_\_\_\_\_  
Signature and Seal of Professional Surveyor

**MICHAEL D. BROWN**  
NEW MEXICO  
18329  
PROFESSIONAL SURVEYOR

Certificate Number \_\_\_\_\_

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Form APD Comments

Permit 228899

**PERMIT COMMENTS**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-015-43966
	Well: GUITAR 10 24 28 RB #221H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 228899

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-015-43966
	Well: GUITAR 10 24 28 RB #221H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
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 & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate1 casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 casing --
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	The Operator is to notify NMOCD by sundry 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.