

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 224275

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 316766		3. API Number 30-015-43899
5. Property Name ANN COM 15 24S 28E RB		6. Well No. 221H

7. Surface Location

UL - Lot	D	Section	15	Township	24S	Range	28E	Lot Idn	D	Feet From	933	N/S Line	N	Feet From	859	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	A	Section	15	Township	24S	Range	28E	Lot Idn	A	Feet From	331	N/S Line	N	Feet From	240	E/W Line	E	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 3015
16. Multiple N	17. Proposed Depth 15300	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/13/2016
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	620	500	0
Int1	12.25	9.625	40	2700	800	0
Int2	8.75	7.625	29.7	9700	800	1650
Int2	8.75	7	29	10700	800	1650
Prod	6.125	5.5	20	9800	590	9500
Prod	6.125	4.5	13.5	15300	590	9500

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: 8/31/2016	<p style="text-align: center;">OIL CONSERVATION DIVISION</p> Approved By: Paul Kautz Title: Geologist Approved Date: 8/31/2016 Expiration Date: 8/31/2018 Conditions of Approval Attached
Phone: 972-371-5218	

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Phone: (505) 476-3460 Fax: (505) 476-3462

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	² Pool Code 75750	³ Pool Name Culebra Bluff, Wolfcamp, South (Gas)
⁴ Property Code	⁵ Property Name ANN COM 15-24S-28E RB	⁶ Well Number #221H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3015'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	24-S	28-E	-	933'	NORTH	859'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	15	24-S	28-E	-	331'	NORTH	240'	EAST	EDDY

¹¹ Dedicated Acres 320	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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>¹⁷OPERATOR 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 undivided 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>Signature: <u>Trey Goodwin</u> Date: <u>6/23/2016</u></p> <p>Printed Name: <u>Trey Goodwin</u></p> <p>E-mail Address: <u>tgoodwin@matadorresources.com</u></p>
<p>FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=577561 Y=445428 LAT.: N 32.2243490 LONG.: W 104.0825214</p> <p>SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=578088 Y=444829 LAT.: N 32.2226998 LONG.: W 104.0808204</p>		<p>¹⁸SURVEYOR 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 to the best of my belief.</p> <p>05/24/2016</p> <p>Date of Survey</p> <p>Signature and Seal of Surveyor: <u>Michael R. Brown</u></p> <p>NEW MEXICO 18329 PROFESSIONAL SURVEYOR</p> <p>Certificate Number: <u>18329</u></p>
<p>LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=582194 Y=445445 LAT.: N 32.2243659 LONG.: W 104.0675395</p> <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=582284 Y=445445 LAT.: N 32.2243662 LONG.: W 104.0672485</p>		

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Form APD Comments
 Permit 224275

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-015-43899
		Well: ANN COM 15 24S 28E RB #221H
Created By	Comment	Comment Date
pkautz	See e-mail Karen Sharp will be sending	7/28/2016

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Form APD Conditions

Permit 224275

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-015-43899
		Well: ANN COM 15 24S 28E RB #221H
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 & 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	The New! Gas Capture Plan (GCP) notice is posted on the NMOCD website under Announcements. The Plan became effective May 1, 2016. A copy of the GCP form is included with the NOTICE and is also in our FORMS section under Unnumbered Forms. Please review filing dates for all applicable activities currently approved or pending and submit accordingly. Failure to file a GCP may jeopardize the operator's ability to obtain C-129 approval to flare gas after the initial 60-day completion period.	