

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 241756

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 39819		3. API Number 30-025-44012
5. Property Name RANGER 33 STATE COM		6. Well No. 123H

7. Surface Location

UL - Lot B	Section 33	Township 20S	Range 35E	Lot Idn B	Feet From 265	N/S Line N	Feet From 2125	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot O	Section 33	Township 20S	Range 35E	Lot Idn O	Feet From 240	N/S Line S	Feet From 1870	E/W Line E	County Lea
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9. Pool Information

GRAMA RIDGE;BONE SPRING, NORTH	28434
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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 3697
16. Multiple N	17. Proposed Depth 15500	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 9/18/2017
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	2000	2837	0
Int1	12.25	9.625	40	5900	1747	0
Prod	6.125	5.5	20	15500	2293	4900

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:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Ava Monroe	Approved By: Paul Kautz
Title: Engineering Tech	Title: Geologist
Email Address: amonroe@matadorresources.com	Approved Date: 9/13/2017 Expiration Date: 9/13/2019
Date: 9/13/2017 Phone: 972-371-5218	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	² Pool Code 28434	³ Pool Name GRAMA RIDGE;BONE SPRING, NORTH
⁴ Property Code	⁵ Property Name RANGER 33 STATE COM	⁶ Well Number #123H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3697'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	33	20-S	35-E	-	265'	NORTH	2125'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	33	20-S	35-E	-	240'	SOUTH	1870'	EAST	LEA

¹² Dedicated Acres 160.00	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 SURFACE LOCATION NEW MEXICO EAST NAD 1983 X=810289 Y=559882 LAT.: N 32.5361450 LONG.: W 103.4606134 NAD 1927 X=769107 Y=559820 LAT.: N 32.5360213 LONG.: W 103.4601285</p> <p>FIRST PERFORATION POINT NEW MEXICO EAST NAD 1983 X=810544 Y=559819 LAT.: N 32.5359674 LONG.: W 103.4597855 NAD 1927 X=769362 Y=559757 LAT.: N 32.5358437 LONG.: W 103.4593007</p> <p>LAST PERFORATION POINT NEW MEXICO EAST NAD 1983 X=810584 Y=555193 LAT.: N 32.5232513 LONG.: W 103.4597805 NAD 1927 X=769402 Y=555131 LAT.: N 32.5231276 LONG.: W 103.4592962</p> <p>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1983 X=810585 Y=555103 LAT.: N 32.5230040 LONG.: W 103.4597804 NAD 1927 X=769403 Y=555041 LAT.: N 32.5228802 LONG.: W 103.4592961</p>		<p>¹⁷OPERATOR CERTIFICATION 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><i>Nicholas Weeks</i> 9/13/2017 Signature Date Nicholas Weeks Printed Name nweeks@matadorresources.com E-mail Address</p> <p>¹⁸SURVEYOR CERTIFICATION 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>Stan W. Lloyd Date of Survey Signature and Seal of Professional Surveyor 19642 PROFESSIONAL SURVEYOR Certificate Number</p>
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Form APD Comments

Permit 241756

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-44012
		Well: RANGER 33 STATE COM #123H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 241756

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-44012
	Well: RANGER 33 STATE COM #123H

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	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
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	Lost Circulation - Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186
pkautz	Stage Tool - 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	Gas Capture Plan - Operator to Submit Gas Capture Plan ASAP.