

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 252138

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 321387		3. API Number 30-025-44773
5. Property Name MICHAEL RYAN STATE COM		6. Well No. 134H

7. Surface Location

UL - Lot A	Section 25	Township 23S	Range 34E	Lot Idn A	Feet From 600	N/S Line N	Feet From 784	E/W Line E	County Lea
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8. Proposed Bottom Hole Location

UL - Lot A	Section 24	Township 23S	Range 34E	Lot Idn A	Feet From 240	N/S Line N	Feet From 990	E/W Line E	County Lea
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9. Pool Information

ANTELOPE RIDGE;BONE SPRING	2200
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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 3387
16. Multiple N	17. Proposed Depth 17300	18. Formation 3rd Bone Spring Sand	19. Contractor	20. Spud Date 9/11/2018
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	900	900	0
Int1	12.25	9.625	40	5100	1800	0
Prod	8.75	5.5	20	16000	2750	3600

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 F Kautz
Title: Engineering Tech	Title: Geologist
Email Address: amonroe@matadorresources.com	Approved Date: 5/14/2018 Expiration Date: 5/14/2020
Date: 5/9/2018 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 2200	³ Pool Name ANTELOPE RIDGE;BONE SPRING
⁴ Property Code	⁵ Property Name MICHAEL RYAN STATE COM	⁶ Well Number #134H
⁷ GRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3387'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	25	23-S	34-E	-	600'	NORTH	784'	EAST	LEA

¹¹Bottom 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
A	24	23-S	34-E	-	240'	NORTH	990'	EAST	LEA

¹² Dedicated Acres 160	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>BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1983 X=824041 Y=472875 LAT.: N 32.2966906 LONG.: W 103.4184088 NAD 1927 X=782857 Y=472815 LAT.: N 32.2965659 LONG.: W 103.4179335</p>	<p>LAST PERFORATION POINT NEW MEXICO EAST NAD 1983 X=824042 Y=472785 LAT.: N 32.2964430 LONG.: W 103.4184087 NAD 1927 X=782858 Y=472725 LAT.: N 32.2963183 LONG.: W 103.4179334</p>	<p>FIRST PERFORATION POINT NEW MEXICO EAST NAD 1983 X=824083 Y=468164 LAT.: N 32.2837429 LONG.: W 103.4184041 NAD 1927 X=782899 Y=468105 LAT.: N 32.2836181 LONG.: W 103.4179291</p>	<p>SURFACE LOCATION NEW MEXICO EAST NAD 1983 X=824297 Y=467236 LAT.: N 32.2811864 LONG.: W 103.4177376 NAD 1927 X=783113 Y=467176 LAT.: N 32.2810616 LONG.: W 103.4172628</p>	<p>17 OPERATOR 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 runs 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. Signature: <i>Sara Hartsfield</i> Date: 5/7/18 Printed Name: Sara Hartsfield E-mail Address: shartsfield@matadorresources.com</p>
<p>18 SURVEYOR 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. Date of Survey: 04/18/2018 Signature and Seal: <i>Michael E. Brown</i> Professional Surveyor Certificate Number: 18329</p>				<p>16</p>

S:\SURVEY\MATADOR_RESOURCES\MICHAEL_RYAN_STATE_24-23S-34E_AR_134H\FINAL_PRODUCT\ILO_MICHAEL_RYAN_STATE_24-23S-34E_AR_134H_REV2.DWG 4/18/2018 9:19:37 AM bgray

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Form APD Comments

Permit 252138

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-44773
		Well: MICHAEL RYAN STATE COM #134H

Created By	Comment	Comment Date
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Form APD Conditions

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Permit 252138

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-44773
	Well: MICHAEL RYAN STATE COM #134H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
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	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 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
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.