

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 237285

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 317852		3. API Number 30-015-44256
5. Property Name GARRETT FEDERAL COM		6. Well No. 221H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	32	24S	29E		754	N	150	W	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	32	24S	29E	A	330	N	240	W	Eddy

9. Pool Information

PURPLE SAGE;WOLFCAMP (GAS)	98220
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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 2922
16. Multiple N	17. Proposed Depth 15200	18. Formation Wolfcamp	19. Contractor	20. Spud Date 9/1/2017
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	627	0
Int1	12.25	9.625	40	2750	926	0
Int2	8.75	7.625	29.7	10000	777	1650
Int2	8.75	7	29	10900	777	1650
Prod	6.125	5.5	20	9900	473	9800
Prod	6.125	4.5	13.5	15120	473	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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Ava Monroe	Approved By: Raymond Podany
Title: Engineering Tech	Title: Geologist
Email Address: amonroe@matadorresources.com	Approved Date: 6/7/2017 Expiration Date: 6/7/2019
Date: 6/7/2017 Phone: 972-371-5218	Conditions of Approval Attached

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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.
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

¹ API Number	² Pool Code 98220	³ Pool Name PURPLE SAGE;WOLFCAMP (GAS)
⁴ Property Code	⁵ Property Name GARRETT FED COM	⁶ Well Number #221H
⁷ OGRID No. 532993	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 2922'

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	32	24-S	29-E	-	754'	NORTH	150'	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	32	24-S	29-E	-	330'	NORTH	240'	EAST	EDDY

¹² Dedicated Acres 320	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.

	FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=598928 Y=429391 LAT.: N 32.1801077 LONG.: W 104.0135780 NAD 1983 X=640113 Y=429449 LAT.: N 32.1802307 LONG.: W 104.0140664	LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=603543 Y=429378 LAT.: N 32.1800339 LONG.: W 103.9986620 NAD 1983 X=644728 Y=429436 LAT.: N 32.1801571 LONG.: W 103.9991498	BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=603633 Y=429378 LAT.: N 32.1800324 LONG.: W 103.9983711 NAD 1983 X=644818 Y=429436 LAT.: N 32.1801557 LONG.: W 103.9988589	SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=598751 Y=428968 LAT.: N 32.1789461 LONG.: W 104.0141562 NAD 1983 X=639935 Y=429026 LAT.: N 32.1790692 LONG.: W 104.0146446	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 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: <u>Chris Carleton</u> Date: <u>5/23/17</u> Printed Name: <u>Chris Carleton</u> E-mail Address: <u>ccarleton@matadorresources.com</u>	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: <u>05/18/2017</u> Signature: <u>[Signature]</u> Certificate Number: <u>18329</u>
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Form APD Comments

Permit 237285

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-015-44256
		Well: GARRETT FEDERAL COM #221H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 237285

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-015-44256
		Well: GARRETT FEDERAL COM #221H

OCD Reviewer	Condition
RPodany	Will require a directional survey with the C-104
RPodany	Cement is required to circulate on both surface and intermediate1 strings of casing