

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 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) 334-8178 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 221061

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 316228		3. API Number 30-025-43242
5. Property Name OLIVINE TL 05 16 37 STATE COM		6. Well No. 234H

7. Surface Location

UL - Lot	A	Section	5	Township	16S	Range	37E	Lot Idn	1	Feet From	660	N/S Line	N	Feet From	950	E/W Line	E	County	Lea
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8. Proposed Bottom Hole Location

UL - Lot	P	Section	5	Township	16S	Range	37E	Lot Idn	P	Feet From	2880	N/S Line	S	Feet From	660	E/W Line	E	County	Lea
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9. Pool Information

DEAN;PERMO UPPER PENN	16720
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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 3842
16. Multiple N	17. Proposed Depth 16875	18. Formation Wolfcamp	19. Contractor	20. Spud Date 10/23/2016
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	2113	3202	0
Int1	12.25	9.625	40	5000	1105	0
Int2	8.75	7	29	11650	886	4000
Prod	6.125	4.5	13.5	16875	438	10650

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: 5/16/2016	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 5/19/2016 Expiration Date: 5/19/2018 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 16720	³ Pool Name DEAN; PERMO UPPER PENN
⁴ Property Code	⁵ Property Name OLIVINE STATE COM 05-16S-37E TL	⁶ Well Number #234H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY	⁹ Elevation 3842'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	5	16-S	37-E	-	660'	NORTH	950'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
16	5	16-S	37-E	-	2880'	SOUTH	660'	EAST	LEA

¹¹ Dedicated Acres 160	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>FIRST PERF. POINT NEW MEXICO EAST X=827597 Y=716703 LAT.: N 32.9657209 LONG.: W 103.2652312</p> <p>SURFACE LOCATION NEW MEXICO EAST X=827309 Y=716371 LAT.: N 32.9648157 LONG.: W 103.2661804</p> <p>LAST PERF. POINT NEW MEXICO EAST X=827633 Y=711679 LAT.: N 32.9519113 LONG.: W 103.2652782</p> <p>BOTTOM HOLE LOCATION NEW MEXICO EAST X=827634 Y=711589 LAT.: N 32.9516639 LONG.: W 103.2652790</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>Signature: <i>[Signature]</i> Date: 5/16/16 Printed Name: DONALD W. FILBERT E-mail Address: FILBERT@MATADORRESOURCES.COM</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>03/12/2016 Date of Survey Signature and Seal of Professional Surveyor <i>[Signature]</i> MICHAEL D. BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR Certificate Number</p>
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Form APD Comments

Permit 221061

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-43242
	Well: OLIVINE TL 05 16 37 STATE COM #234H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 221061

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-43242
		Well: OLIVINE TL 05 16 37 STATE COM #234H
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 & 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	Must notify OCD Hobbs Office if lost circulation is encountered at 575-370-3186	
pkautz	Must notify OCD Hobbs Office of any water flows in the Salado Formation at 575-370-3186. Report depth and flow rate	
pkautz	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	The New! Gas Capture Plan (GCP) notice is posted on the NMOCDD 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.	