

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 220528

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 316197		3. API Number 30-015-43774
5. Property Name BRANTLEY STATE COM 13 24 27 RB		6. Well No. 221H

7. Surface Location

UL - Lot	D	Section	18	Township	24S	Range	28E	Lot Idn	D	Feet From	631	N/S Line	N	Feet From	187	E/W Line	W	County	Eddy
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8. Proposed Bottom Hole Location

UL - Lot	D	Section	13	Township	24S	Range	27E	Lot Idn	D	Feet From	660	N/S Line	N	Feet From	240	E/W Line	W	County	Eddy
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9. Pool Information

BLACK RIVER; WOLFCAMP, EAST (G)	97442
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3089
16. Multiple N	17. Proposed Depth 14600	18. Formation Wolcamp	19. Contractor	20. Spud Date 8/1/2016
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	460	500	0
Int1	12.25	9.625	40	2450	845	0
Int2	8.75	7	29	9250	900	1300
Prod	6.125	4.5	20	14600	500	8100

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: _____ Printed Name: Electronically filed by Ava Monroe Title: Engineering Tech Email Address: amonroe@matadorresources.com Date: 5/5/2016	OIL CONSERVATION DIVISION Approved By: Karen Sharp Title: OCD Reviewer Approved Date: 5/16/2016 Expiration Date: 5/16/2018 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.
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	³ Pool Name
	97442	Black River; Wolfcamp, East (G)
⁴ Property Code	⁵ Property Name	
	BRANTLEY STATE COM 13-24S-27E RB	
⁶ Well Number	⁷ Elevation	
#221H	3089'	
⁸ GRID No.	⁹ Operator Name	
228937	MATADOR PRODUCTION COMPANY	

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	18	24-S	28-E	-	631'	NORTH	187'	WEST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	13	24-S	27-E	-	660'	NORTH	240'	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
320			

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.

				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 unless 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. <i>Trey Goodwin</i> 4/29/2016 Signature Date Trey Goodwin Printed Name tgoodwin@matadorresources.com E-mail Address
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.				
BOTTOM HOLE LOCATION NEW MEXICO EAST NAD 1927 X=556198 Y=444894 LAT.: N 32.2230009 LONG.: W 104.1516055 NAD 1983 X=597381 Y=444952 LAT.: N 32.2231213 LONG.: W 104.1521010	LAST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=556618 Y=444897 LAT.: N 32.2230062 LONG.: W 104.1502473 NAD 1983 X=597801 Y=444955 LAT.: N 32.2231266 LONG.: W 104.1507428	FIRST PERFORATION POINT NEW MEXICO EAST NAD 1927 X=580670 Y=444922 LAT.: N 32.2230564 LONG.: W 104.1371430 NAD 1983 X=601853 Y=444980 LAT.: N 32.2231770 LONG.: W 104.1376379	SURFACE LOCATION NEW MEXICO EAST NAD 1927 X=561517 Y=444957 LAT.: N 32.2231472 LONG.: W 104.1344050 NAD 1983 X=602700 Y=445015 LAT.: N 32.2232678 LONG.: W 104.1348998	
03/18/2016 Date of Survey Signature of Professional Surveyor MICHAEL BROWN NEW MEXICO 18329 PROFESSIONAL SURVEYOR Certificate Number				

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Form APD Comments

Permit 220528

PERMIT COMMENTS

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-015-43774
		Well: BRANTLEY STATE COM 13 24 27 RB #221H
Created By	Comment	Comment Date

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Form APD Conditions

Permit 220528

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-015-43774
	Well: BRANTLEY STATE COM 13 24 27 RB #221H

OCD Reviewer	Condition
kjones	Will require a directional survey with the C-104
kjones	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
kjones	Cement is required to circulate on both surface and production strings of casing
kjones	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.