

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 165403

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
		3. API Number 30-025-41113
4. Property Code 39819	5. Property Name RANGER 33 STATE COM	6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	33	20S	35E	D	250	N	430	W	LEA

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	33	20S	35E	M	240	S	430	W	Lea

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 3716
16. Multiple N	17. Proposed Depth 15500	18. Formation 2nd Bone Spring Sand	19. Contractor	20. Spud Date 4/19/2013
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1850	1425	0
Int1	12.25	9.625	40	5800	1675	0
Prod	8.75	5.5	23	15500	1200	5000

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	CAMERON
DoubleRam	10000	10000	CAMERON
Pipe	10000	10000	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 Approved By: Paul Kautz
Printed Name: Electronically filed by Michael Ernest	Title: Geologist
Title: Chief Engineer	Approved Date: 4/12/2013 Expiration Date: 4/12/2015
Email Address: mernest@matadorresources.com	
Date: 4/12/2013 Phone: 972-371-5223	Conditions of Approval Attached

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Form C-102
 August 1, 2011
 Permit 165403

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-41113	2. Pool Code 28434	3. Pool Name GRAMA RIDGE;BONE SPRING, NORTH
4. Property Code 39819	5. Property Name RANGER 33 STATE COM	6. Well No. 001H
7. OGRID No. 228937	8. Operator Name MATADOR PRODUCTION COMPANY	9. Elevation 3716

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	33	20S	35E		250	N	430	W	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	33	20S	35E	M	240	S	430	W	LEA
12. Dedicated Acres 160.00		13. Joint or Infill		14. Consolidation Code			15. Order No.		

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

	OPERATOR CERTIFICATION		
	<i>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(s) 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>		
	E-Signed By: Michael Ernest Title: Chief Engineer Date: 4/12/2013		
	SURVEYOR CERTIFICATION		
<i>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 and correct to the best of my belief.</i>			
Surveyed By: MICHAEL BROWN Date of Survey: 2/26/2013 Certificate Number: 18329			

Permit Comments

Operator: MATADOR PRODUCTION COMPANY , 228937

Well: RANGER 33 STATE COM #001H

API: 30-025-41113

Created By	Comment	Comment Date
AMONROE	Drill 17-1/2" hole to ~1850' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC csg to TD and cement to surface in one stage. Will use 1" top out tubing and class "C" to cement to surface if necessary. Drill 12-1/4" hole to ~5800' with saturated brine water. Run 9-5/8" 40# J55 LTC casing to TD and cement to surface in one stage. Drill 8-3/4" vertical pilot hole to ~12,600' with out brine. Plug back to ~9300' with bottom plug, plug separating Wolfcamp and Bone Spring interface and kickoff plug; sidetrack to drill curve and lateral to ~15,500'. Run 5-1/2" 23#, P-110 BTC to TD and cement with TOC	4/12/2013
pkautz	Land p/S	4/12/2013
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-06048	4/12/2013

Permit Conditions of Approval

Operator: MATADOR PRODUCTION COMPANY , 228937

Well: RANGER 33 STATE COM #001H

API: 30-025-41113

OCD Reviewer	Condition
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	In order to seal off protectable water, surface casing must be set 25' below top of Rustler Anhydrite.
pkautz	Will require administrative order for non-standard location