

**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 250887

**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 313507		3. API Number 30-025-44722
5. Property Name NORTHEAST KEMNITZ		6. Well No. 233H

**7. Surface Location**

UL - Lot O	Section 22	Township 16S	Range 34E	Lot Idn O	Feet From 155	N/S Line S	Feet From 2399	E/W Line E	County Lea
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**8. Proposed Bottom Hole Location**

UL - Lot B	Section 22	Township 16S	Range 34E	Lot Idn B	Feet From 240	N/S Line N	Feet From 2314	E/W Line E	County Lea
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**9. Pool Information**

KEMNITZ;CISCO	35720
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 4084
16. Multiple N	17. Proposed Depth 16300	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/3/2018
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	20	13.375	54.5	1600	2299	0
Int1	12.25	9.625	40	4600	1422	0
Int2	8.75	7.625	29.7	10950	674	3600
Int2	8.75	7	29	11700	674	3600
Prod	6.125	5.5	20	10850	437	9850
Prod	6.125	4.5	13.5	16250	437	9850

**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:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Ava Monroe	Approved By: Paul F Kautz
Title: Engineering Tech	Title: Geologist
Email Address: amonroe@matadorresources.com	Approved Date: 4/23/2018      Expiration Date: 4/23/2020
Date: 4/10/2018      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

<sup>1</sup> API Number		<sup>2</sup> Pool Code 62305		<sup>3</sup> Pool Name VACUUM; UPPER PENN, NORTHWEST	
<sup>4</sup> Property Code		<sup>5</sup> Property Name NORTHEAST KEMNITZ			<sup>6</sup> Well Number #233H
<sup>7</sup> GRID No. 228937		<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY			<sup>9</sup> Elevation 4084'

<sup>10</sup>Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	22	16-S	34-E	-	155'	SOUTH	2399'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	16-S	34-E	-	240'	NORTH	2314'	EAST	LEA

<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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><b>BOTTOM HOLE LOCATION</b> NEW MEXICO EAST NAD 1927 X=741289 Y=697163 LAT.: N 32.9141069 LONG.: W 103.5470781 NAD 1983 X=782467 Y=697229 LAT.: N 32.9142284 LONG.: W 103.5475800</p>		<p><b>LAST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=741290 Y=697073 LAT.: N 32.9138595 LONG.: W 103.5470776 NAD 1983 X=782468 Y=697139 LAT.: N 32.9139811 LONG.: W 103.5475795</p>	<p><b>17 OPERATOR CERTIFICATION</b> 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.</p> <p><i>Michael Weeks</i> 4/9/2018 Signature Date</p> <p>Nick Weeks Printed Name</p> <p>nweeks@matadorresources.com E-mail Address</p>
<p><b>SURFACE LOCATION</b> NEW MEXICO EAST NAD 1927 X=741246 Y=692280 LAT.: N 32.9006863 LONG.: W 103.5473377 NAD 1983 X=782424 Y=692346 LAT.: N 32.9008080 LONG.: W 103.5478392</p>		<p><b>FIRST PERFORATION POINT</b> NEW MEXICO EAST NAD 1927 X=741332 Y=692456 LAT.: N 32.9011678 LONG.: W 103.5470520 NAD 1983 X=782510 Y=692522 LAT.: N 32.9012895 LONG.: W 103.5475535</p>	<p><b>18 SURVEYOR CERTIFICATION</b> 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>01/26/2018 Date of Survey</p> <p><i>Michael Brown</i> Signature and Seal of Professional Surveyor</p> <p>18329 Certificate Number</p>

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**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 250887

**PERMIT COMMENTS**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-44722
		Well: NORTHEAST KEMNITZ #233H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 250887

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-44722
	Well: NORTHEAST KEMNITZ #233H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate1 casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 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 NMOCDD 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.