

**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) 334-6178 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 179508

**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 40309		3. API Number 30-025-41614
5. Property Name PICKARD STATE		6. Well No. 002H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
O	20	18S	34E		702	S	1776	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
B	20	18S	34E	B	240	N	2265	E	Lea

**9. Pool Information**

E-K;WOLFCAMP	21670
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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 4053
16. Multiple N	17. Proposed Depth 14400	18. Formation Wolfcamp	19. Contractor	20. Spud Date 1/20/2014
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	16	75	1800	2200	0
Int1	13.5	10.75	40.5	5950	2600	0
Int2	9.875	7.625	29.7	11600	1500	5000
Prod	6.75	5.5	23	11100	2400	9600
Prod	6.75	4.5	15.1	16600	800	9600

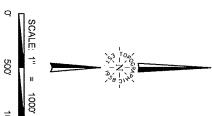
**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	CAMERON
Double Ram	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:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Michael Ernest Title: Chief Engineer Email Address: mernest@matadorresources.com Date: 1/22/2014	Approved By: Paul Kautz Title: Geologist Approved Date: 1/22/2014 Conditions of Approval Attached
Phone: 972-371-5223	Expiration Date: 1/22/2016



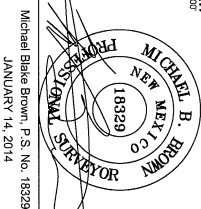
SECTION	20	TWP	18-S	RGE	34-E	SURVEY	N.M.P.M.
COUNTY	LEA			STATE		NM	
DESCRIPTION	702' FSL & 1776' FEL						

DISTANCE & DIRECTION FROM INT. OF NM-529 & NM-238 GO WEST ON NM-529 ±9.7 MILES, THENCE SOUTHWEST (LEFT) ON LEASE RD. ±0.2 MILES, THENCE SOUTH (LEFT) ON LEASE RD. ±0.2 MILES TO A POINT ±175 FEET WEST OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1927, U.S. SURVEY FEET

THIS EASEMENT/RIGHT/UTILITY LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

**DETAIL VIEW**  
**SCALE: 1" = 500'**



Michael Blake Brown, P.S. No. 18329  
JANUARY 14, 2014



1400 EVERMAN PARKWAY, Ste. 197 • Ft. Worth, Texas 76140  
TELEPHONE: (817) 744-7512 • FAX (817) 744-1548  
2803 NORTH BIG SPRING • MIDLAND, TEXAS 79705  
TELEPHONE: (432) 662-1653 OR (800) 767-1653 • FAX (432) 662-1742  
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**Santa Fe, NM 87505**

Form APD Comments  
  
Permit 179508

**PERMIT COMMENTS**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240		API Number: 30-025-41614
		Well: PICKARD STATE #002H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 179508

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: MATADOR PRODUCTION COMPANY [228937] One Lincoln Centre Dallas, TX 75240	API Number: 30-025-41614
	Well: PICKARD STATE #002H

OCD Reviewer	Condition
DMULL	Will require a directional survey with the C-104
DMULL	Pit construction and closure must satisfy all requirements of your approved plan, O.C.D. Rule 19.15.2.50, and the Pit and Below-Grade Tank Guidelines
DMULL	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	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