

**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 220564

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

|                                                                                                      |  |                               |
|------------------------------------------------------------------------------------------------------|--|-------------------------------|
| 1. Operator Name and Address<br>MATADOR PRODUCTION COMPANY<br>One Lincoln Centre<br>Dallas, TX 75240 |  | 2. OGRID Number<br>228937     |
| 4. Property Code<br>314750                                                                           |  | 3. API Number<br>30-015-43756 |
| 5. Property Name<br>JANIE CONNER 13 24S 28E RB                                                       |  | 6. Well No.<br>221H           |

**7. Surface Location**

|          |   |         |    |          |     |       |     |         |   |           |     |          |   |           |     |          |   |        |      |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|
| UL - Lot | A | Section | 14 | Township | 24S | Range | 28E | Lot Idn | A | Feet From | 379 | N/S Line | N | Feet From | 330 | E/W Line | E | County | Eddy |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|

**8. Proposed Bottom Hole Location**

|          |   |         |    |          |     |       |     |         |   |           |     |          |   |           |     |          |   |        |      |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|
| UL - Lot | A | Section | 13 | Township | 24S | Range | 28E | Lot Idn | A | Feet From | 330 | N/S Line | N | Feet From | 240 | E/W Line | E | County | Eddy |
|----------|---|---------|----|----------|-----|-------|-----|---------|---|-----------|-----|----------|---|-----------|-----|----------|---|--------|------|

**9. Pool Information**

|                                   |       |
|-----------------------------------|-------|
| PIERCE CROSSING;WOLFCAMP,NW (GAS) | 96712 |
|-----------------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                           |                                    |
|---------------------------|-----------------------------|----------------------------------------|---------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>GAS        | 13. Cable/Rotary                       | 14. Lease Type<br>Private | 15. Ground Level Elevation<br>2976 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>15500 | 18. Formation<br>Wolfcamp              | 19. Contractor            | 20. Spud Date<br>5/19/2016         |
| 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             | 630           | 550             | 0             |
| Int1 | 12.25     | 9.625       | 40               | 2700          | 845             | 0             |
| Int2 | 8.75      | 7           | 29               | 10750         | 900             | 1600          |
| Prod | 6.125     | 4.5         | 20               | 15500         | 500             | 9500          |

**Casing/Cement Program: Additional Comments**

|  |
|--|
|  |
|--|

**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.<br>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.<br><br>Signature: _____<br>Printed Name: Electronically filed by Ava Monroe<br>Title: Engineering Tech<br>Email Address: amonroe@matadorresources.com<br>Date: 5/5/2016 | <b>OIL CONSERVATION DIVISION</b><br><br>Approved By: Karen Sharp<br>Title: OCD Reviewer<br>Approved Date: 5/11/2016<br>Expiration Date: 5/11/2018<br>Conditions of Approval Attached |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



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**Santa Fe, NM 87505**

Form APD Comments

Permit 220564

**PERMIT COMMENTS**

|                                                                                                             |                                           |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Operator Name and Address:<br>MATADOR PRODUCTION COMPANY [228937]<br>One Lincoln Centre<br>Dallas, TX 75240 | API Number:<br>30-015-43756               |
|                                                                                                             | Well:<br>JANIE CONNER 13 24S 28E RB #221H |

|            |         |              |
|------------|---------|--------------|
| Created By | Comment | Comment Date |
|------------|---------|--------------|

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Form APD Conditions

Permit 220564

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                             |                                           |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Operator Name and Address:<br>MATADOR PRODUCTION COMPANY [228937]<br>One Lincoln Centre<br>Dallas, TX 75240 | API Number:<br>30-015-43756               |
|                                                                                                             | Well:<br>JANIE CONNER 13 24S 28E RB #221H |

| OCD<br>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          | SURFACE & INTERNEMIATE CASING - Cement must circulate to surface PRODUCTION CASING - Cement must tie back into intermediate casing                                                                                                                                   |
| kjones          | If cement does not circulate to surface, must run temperature survey or other log to determine top of cement.                                                                                                                                                        |