

**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 189590

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

|                                                                                                          |                                   |                               |
|----------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|
| 1. Operator Name and Address<br>CROSS TIMBERS ENERGY, LLC<br>400 West 7th Street<br>Fort Worth, TX 75070 |                                   | 2. OGRID Number<br>298299     |
|                                                                                                          |                                   | 3. API Number<br>30-025-42012 |
| 4. Property Code<br>312507                                                                               | 5. Property Name<br>BRIDGES STATE | 6. Well No.<br>313            |

**7. Surface Location**

|               |               |                 |              |               |                   |               |                   |               |               |
|---------------|---------------|-----------------|--------------|---------------|-------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>O | Section<br>26 | Township<br>17S | Range<br>34E | Lot Idn<br>15 | Feet From<br>1285 | N/S Line<br>S | Feet From<br>2519 | E/W Line<br>E | County<br>Lea |
|---------------|---------------|-----------------|--------------|---------------|-------------------|---------------|-------------------|---------------|---------------|

**8. Proposed Bottom Hole Location**

|               |               |                 |              |               |                   |               |                   |               |               |
|---------------|---------------|-----------------|--------------|---------------|-------------------|---------------|-------------------|---------------|---------------|
| UL - Lot<br>O | Section<br>26 | Township<br>17S | Range<br>34E | Lot Idn<br>15 | Feet From<br>1285 | N/S Line<br>S | Feet From<br>2519 | E/W Line<br>E | County<br>Lea |
|---------------|---------------|-----------------|--------------|---------------|-------------------|---------------|-------------------|---------------|---------------|

**9. Pool Information**

|                   |       |
|-------------------|-------|
| VACUUM;ABO, NORTH | 61760 |
| VACUUM;WOLFCAMP   | 62340 |
| VACUUM;UPPER PENN | 62320 |
| VACUUM;STRAWN     | 62310 |

**Additional Well Information**

|                           |                             |                                                   |                         |                                    |
|---------------------------|-----------------------------|---------------------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>OIL        | 13. Cable/Rotary                                  | 14. Lease Type<br>State | 15. Ground Level Elevation<br>4018 |
| 16. Multiple<br>Y         | 17. Proposed Depth<br>11500 | 18. Formation<br>Upper Pennsylvanian Undesignated | 19. Contractor          | 20. Spud Date<br>8/6/2014          |
| 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 | 12.25     | 8.625       | 24               | 1600          | 850             |               |
| Prod | 7.875     | 5.5         | 17               | 11500         | 695             |               |

**Casing/Cement Program: Additional Comments**

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

**22. Proposed Blowout Prevention Program**

| Type       | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Double Ram | 5000             | 1500          | TBD          |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>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.</p> <p>Signature:</p> <p>Printed Name:     Electronically filed by Robbie A Grigg</p> <p>Title:               Regulatory Compliance</p> <p>Email Address:   rgrigg@mspartners.com</p> <p>Date:               7/30/2014               Phone: 817-334-7842</p> | <p><b>OIL CONSERVATION DIVISION</b></p> <p>Approved By:     Paul Kautz</p> <p>Title:               Geologist</p> <p>Approved Date:   7/31/2014               Expiration Date: 7/31/2016</p> <p>Conditions of Approval Attached</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 Energy, Minerals & Natural Resources Department  
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 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 | <sup>3</sup> Pool Name           |
| <sup>4</sup> Property Code<br>01007 | <sup>5</sup> Property Name<br>BRIDGES STATE             |                        | <sup>6</sup> Well Number<br>213  |
| <sup>7</sup> OGRID No.<br>280299    | <sup>8</sup> Operator Name<br>CROSS TIMBERS ENERGY, LLC |                        | <sup>9</sup> Elevation<br>4,015' |

**" 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             | 26      | 17S      | 34E   | 15      | 1,285         | SOUTH            | 2,519         | EAST           | LEA    |

**" Bottom Hole Location If Different From Surface**

| UL or lot no.                 | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-------------------------------|-------------------------------|----------------------------------|-------------------------|---------|---------------|------------------|---------------|----------------|--------|
|                               |                               |                                  |                         |         |               |                  |               |                |        |
| <sup>10</sup> Dedicated Acres | <sup>11</sup> Joint or Infill | <sup>12</sup> Consolidation Code | <sup>13</sup> Order No. |         |               |                  |               |                |        |
|                               | 1                             |                                  |                         |         |               |                  |               |                |        |

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 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 mineral interest in the land including the proposed bottom hole location or has a right to drill the well in this location pursuant to a contract with an owner of such a mineral or working interest, or has obtained a pooling agreement or a compulsory pooling order as in force entered by the division.

*Rubie A. Grigg* 7/30/14  
 Signature Date

RUBIE A. GRIGG  
 Printed Name  
 grigg@inspartners.com  
 Email Address

**"SURVEYOR 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 and correct to the best of my belief.

7/29/2014  
 Date of Survey

*Clinton Kyle Gregg*  
 Signature and Seal of Professional Surveyor

CLINTON KYLE GREGG  
 NEW MEXICO  
 21205  
 PROFESSIONAL SURVEYOR

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|                                     |                                                         |                        |                                  |
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| <sup>4</sup> Property Code<br>01007 | <sup>5</sup> Property Name<br>BRIDGES STATE             |                        | <sup>6</sup> Well Number<br>213  |
| <sup>7</sup> OGRID No.<br>280299    | <sup>8</sup> Operator Name<br>CROSS TIMBERS ENERGY, LLC |                        | <sup>9</sup> Elevation<br>4,015' |

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|               |         |          |       |         |               |                  |               |                |        |

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|                               | 1                             |                                  |                         |

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*Rubie A. Grigg* 7/30/14  
 Signature Date

RUBIE A. GRIGG  
 Printed Name  
 grigg@inspartners.com  
 Email Address

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 Signature and Seal of Professional Surveyor

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| <sup>1</sup> API Number             |                                                         | <sup>2</sup> Pool Code | <sup>3</sup> Pool Name           |
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| <sup>7</sup> OGRID No.<br>288299    | <sup>8</sup> Operator Name<br>CROSS TIMBERS ENERGY, LLC |                        | <sup>9</sup> Elevation<br>4,015' |

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**1220 S. St Francis Dr.**  
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Form APD Comments

Permit 189590

**PERMIT COMMENTS**

|                                                                                                                 |                             |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------|
| Operator Name and Address:<br>CROSS TIMBERS ENERGY, LLC [298299]<br>400 West 7th Street<br>Fort Worth, TX 75070 | API Number:<br>30-025-42012 |
|                                                                                                                 | Well:<br>BRIDGES STATE #313 |

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

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Form APD Conditions

Permit 189590

**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                                 |                             |
|-----------------------------------------------------------------------------------------------------------------|-----------------------------|
| Operator Name and Address:<br>CROSS TIMBERS ENERGY, LLC [298299]<br>400 West 7th Street<br>Fort Worth, TX 75070 | API Number:<br>30-025-42012 |
|                                                                                                                 | Well:<br>BRIDGES STATE #313 |

| OCD<br>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          | If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.                                                                                                                                                    |
| pkautz          | Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water                                                                                                                                                                 |
| pkautz          | SURFACE & PRODUCTION CASING - Cement must circulate to surface                                                                                                                                                                                                       |
| pkautz          | Will require a administrative order for non-standard location prior to placing the well on production.                                                                                                                                                               |