

**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 238086

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

|                                                                                               |  |                               |
|-----------------------------------------------------------------------------------------------|--|-------------------------------|
| 1. Operator Name and Address<br>XTO ENERGY, INC<br>9193 S. Jamaica St.<br>Englewood, CO 80155 |  | 2. OGRID Number<br>5380       |
| 4. Property Code<br>318096                                                                    |  | 3. API Number<br>30-015-44279 |
| 5. Property Name<br>ROADHOUSE STATE                                                           |  | 6. Well No.<br>002H           |

**7. Surface Location**

|          |         |          |       |         |           |          |           |          |        |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| O        | 6       | 25S      | 29E   |         | 180       | S        | 2040      | E        | Eddy   |

**8. Proposed Bottom Hole Location**

|          |         |          |       |         |           |          |           |          |        |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| B        | 6       | 25S      | 29E   | 2       | 200       | N        | 2040      | E        | Eddy   |

**9. Pool Information**

|                            |       |
|----------------------------|-------|
| PURPLE SAGE;WOLFCAMP (GAS) | 98220 |
|----------------------------|-------|

**Additional Well Information**

|                           |                             |                                        |                         |                                    |
|---------------------------|-----------------------------|----------------------------------------|-------------------------|------------------------------------|
| 11. Work Type<br>New Well | 12. Well Type<br>GAS        | 13. Cable/Rotary                       | 14. Lease Type<br>State | 15. Ground Level Elevation<br>2905 |
| 16. Multiple<br>N         | 17. Proposed Depth<br>14484 | 18. Formation<br>Wolfcamp              | 19. Contractor          | 20. Spud Date                      |
| 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             | 574           | 543             | 0             |
| Int1 | 12.25     | 9.625       | 36               | 2682          | 635             | 0             |
| Prod | 8.5       | 5.5         | 17               | 14484         | 1848            | 2182          |

**Casing/Cement Program: Additional Comments**

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| Production: 8-3/4" hole fr/0-10322'. 8-1/2" hole fr/10322-14484'. 5-1/2" P-110 csg will be run fr/0-14484' & cemented to surf. |
|--------------------------------------------------------------------------------------------------------------------------------|

**22. Proposed Blowout Prevention Program**

|            |                  |               |              |
|------------|------------------|---------------|--------------|
| Type       | Working Pressure | Test Pressure | Manufacturer |
| Double Ram | 5000             | 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: | <b>OIL CONSERVATION DIVISION</b>                         |
| Printed Name: Electronically filed by Janice Farnsworth                                                                                                                                                                                                                                                              | Approved By: Raymond Podany                              |
| Title: Regulatory Compliance Tech                                                                                                                                                                                                                                                                                    | Title: Geologist                                         |
| Email Address: Janice_Farnsworth@xtoenergy.com                                                                                                                                                                                                                                                                       | Approved Date: 6/27/2017      Expiration Date: 6/27/2019 |
| Date: 6/22/2017      Phone: 303-397-3676                                                                                                                                                                                                                                                                             | Conditions of Approval Attached                          |

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Permit 238086

|                               |                                     |                                            |
|-------------------------------|-------------------------------------|--------------------------------------------|
| 1. API Number<br>30-015-44279 | 2. Pool Code<br>98220               | 3. Pool Name<br>PURPLE SAGE;WOLFCAMP (GAS) |
| 4. Property Code<br>318096    | 5. Property Name<br>ROADHOUSE STATE | 6. Well No.<br>002H                        |
| 7. OGRID No.<br>5380          | 8. Operator Name<br>XTO ENERGY, INC | 9. Elevation<br>2905                       |

|               |              |                 |              |         |                  |               |                   |               |                |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|----------------|
| UL - Lot<br>O | Section<br>6 | Township<br>25S | Range<br>29E | Lot Idn | Feet From<br>180 | N/S Line<br>S | Feet From<br>2040 | E/W Line<br>E | County<br>Eddy |
|---------------|--------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|----------------|

|          |         |          |       |         |           |          |           |          |        |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| B        | 6       | 25S      | 29E   | 2       | 200       | N        | 1680      | E        | Eddy   |

|                               |                     |                        |               |
|-------------------------------|---------------------|------------------------|---------------|
| 12. Dedicated Acres<br>320.00 | 13. Joint or Infill | 14. Consolidation Code | 15. Order No. |
|-------------------------------|---------------------|------------------------|---------------|

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

**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 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.*

E-Signed By: Janice Farnsworth  
Title: Regulatory Compliance Tech  
Date: 6/22/2017

**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.*

Surveyed By: Ronald Eidson  
Date of Survey: 6/9/2017  
Certificate Number: 3239

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**Santa Fe, NM 87505**

Form APD Comments

Permit 238086

**PERMIT COMMENTS**

|                                                                                                    |                                                                                                                                             |                                |
|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Operator Name and Address:<br>XTO ENERGY, INC [5380]<br>9193 S. Jamaica St.<br>Englewood, CO 80155 |                                                                                                                                             | API Number:<br>30-015-44279    |
|                                                                                                    |                                                                                                                                             | Well:<br>ROADHOUSE STATE #002H |
| Created By                                                                                         | Comment                                                                                                                                     | Comment Date                   |
| srabadue                                                                                           | Unable to attach C-102; file size too large. C-102 was sent via email to Karen Sharp and Raymond Podany at NMOCD District 2 Artesia office. | 6/22/2017                      |

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Form APD Conditions

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**PERMIT CONDITIONS OF APPROVAL**

|                                                                                                    |                                |
|----------------------------------------------------------------------------------------------------|--------------------------------|
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|                                                                                                    | Well:<br>ROADHOUSE STATE #002H |

|              |           |
|--------------|-----------|
| OCD Reviewer | Condition |
|--------------|-----------|