

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

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

| | | |
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| 1. Operator Name and Address APACHE CORP 6120 S. YALE TULSA, OK 74136 | | 2. OGRID Number 873 |
| 4. Property Code 303213 | | 3. API Number 30-025-39573 |
| 5. Property Name CHESTERFIELD | | 6. Well No. 002 |

7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| H | 14 | 20S | 38E | H | 1650 | N | 330 | E | LEA |

8. Pool Information

| | |
|----------------------------|-------|
| BLINEBRY OIL AND GAS (OIL) | 6660 |
| HOUSE;TUBB | 78760 |
| HOUSE;DRINKARD | 33250 |

Additional Well Information

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|--|----------------------------|--|---------------------------|------------------------------------|
| 9. Work Type New Well | 10. Well Type OIL | 11. Cable/Rotary | 12. Lease Type Private | 13. Ground Level Elevation 3569 |
| 14. Multiple Y | 15. Proposed Depth 7300 | 16. Formation Drinkard | 17. Contractor | 18. Spud Date 8/30/2009 |
| Depth to Ground water 40 | | Distance from nearest fresh water well | | Distance to nearest surface water |
| Pit: Liner: Synthetic <input type="checkbox"/> mls thick Clay <input type="checkbox"/> Pit Volume: bbls Drilling Method: Closed Loop System <input type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> | | | | |

19. Proposed Casing and Cement Program

| Type | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 12.25 | 8.625 | 24 | 1600 | 750 | 0 |
| Prod | 7.875 | 5.5 | 17 | 7300 | 1250 | 0 |

Casing/Cement Program: Additional Comments

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Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 3000 | 2000 | |

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| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> . Printed Name: Electronically filed by Lana Williams Title: Engineering Tech Email Address: lana.williams@apachecorp.com Date: 8/6/2009 Phone: 918-491-4900 | OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 11/23/2009 Expiration Date: 11/23/2011 |
|--|---|

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II
1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 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

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Form C-102
Permit 100242

WELL LOCATION AND ACREAGE DEDICATION PLAT

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|-------------------------------|----------------------------------|--|
| 1. API Number 30-025-39573 | 2. Pool Code 6660 | 3. Pool Name BLINEBRY OIL AND GAS (OIL) |
| 4. Property Code 303213 | 5. Property Name CHESTERFIELD | 6. Well No. 002 |
| 7. OGRID No. 873 | 8. Operator Name APACHE CORP | 9. Elevation 3569 |

10. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
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11. Bottom Hole Location If Different From Surface

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|------------------------------|---------------------|------------------------|---------------|---------|-----------|----------|-----------|----------|--------|
| 12. Dedicated Acres 40.00 | 13. Joint or Infill | 14. Consolidation Code | 15. Order No. | | | | | | |

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

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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: Lana Williams
Title: Engineering Tech
Date: 8/6/2009

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: 7/29/2009
Certificate Number: 3239

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| 4. Property Code 303213 | 5. Property Name CHESTERFIELD | 6. Well No. 002 |
| 7. OGRID No. 873 | 8. Operator Name APACHE CORP | 9. Elevation 3569 |

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|-------------------------------|----------------------------------|--------------------------------|
| 1. API Number 30-025-39573 | 2. Pool Code 33250 | 3. Pool Name HOUSE;DRINKARD |
| 4. Property Code 303213 | 5. Property Name CHESTERFIELD | 6. Well No. 002 |
| 7. OGRID No. 873 | 8. Operator Name APACHE CORP | 9. Elevation 3569 |

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Date of Survey: 7/29/2009
Certificate Number: 3239

Permit Comments

Operator: APACHE CORP , 873
Well: CHESTERFIELD #002
API: 30-025-39573

| Created By | Comment | Comment Date |
|------------|--|--------------|
| CJONES | Donna, we will send out the C144 in the mail on Friday, 8/7/09. It should show up at you office early next week. Thanks Curt | 8/6/2009 |
| DMULL | OCD has received form C-144 "Pit Registration". OCD Permit Number P1-01502. | 11/17/2009 |