

**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**

|   |  |  |
|---|--|--|
| 1. Operator Name and Address<br>MARBOB ENERGY CORP<br>PO Box 227<br>Artesia, NM 88211 |  | 2. OGRID Number<br>14049                             |
|   |  | 3. API Number<br><i>Cancelling API #</i> 30-05-29018 |
| 4. Property Code<br>36941   | 5. Property Name<br>MAKETRACKS STATE COM | 6. Well No<br>001                                    |

**7. Surface Location**

|               |               |                 |              |              |                  |               |                  |               |                  |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|------------------|
| UL - Lot<br>D | Section<br>35 | Township<br>15S | Range<br>31E | Lot Idn<br>D | Feet From<br>660 | N/S Line<br>N | Feet From<br>330 | E/W Line<br>W | County<br>CHAVES |
|---------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|------------------|

**8. Pool Information**

|                  |   |
|------------------|---|
| WILDCAT WOLFCAMP | 0 |
|------------------|---|

**Additional Well Information**

|  |                      |  |                         |                                    |
|--|----------------------|--|-------------------------|------------------------------------|
| 9. Work Type<br>New Well   | 10. Well Type<br>OIL | 11. Cable/Rotary                       | 12. Lease Type<br>State | 13. Ground Level Elevation<br>4372 |
| 14. Multiple<br>N  | 15. Proposed Depth   | 16. Formation<br>Wolfcamp              | 17. Contractor          | 18. Spud Date<br>2/16/2008         |
| Depth to Ground water<br>250   |                      | Distance from nearest fresh water well |                         | Distance to nearest surface water  |
| Pr: Liner Synthetic <input type="checkbox"/> mls thick: Clay <input type="checkbox"/> Pit Volume:      bbls      Drilling Method:<br>Closed Loop System <input checked="" type="checkbox"/> Fresh Water <input 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 | 17.5      | 13.375      | 48               | 400           | 400             | 0             |
| Int1 | 12.25     | 9.625       | 40               | 4000          | 1000            | 0             |
| Prod | 7.875     | 5.5         | 17               | 13450         | 1100            | 8500          |
| Int2 | 8.75      | 5.5         | 17               | 8500          | 0               | 0             |

**Casing/Cement Program: Additional Comments**

We propose to drill 17 1/2 inch hole to 400 ft with fresh water, run 48 lb H-40 13 3/8 inch csg and set at 400 ft with 400 sx cmt, circ to surface; drl 12 1/4 inch hole to 4000 ft with cut brine water, run 40 lb J-55 9 5/8 inch csg and set at 4000 ft with 1000 sx cmt, circ to surface; drl 8 3/4 inch hole to 8500 ft with cut brine water, run 5 1/2 inch 17 lb P-110 csg and set at 8500 ft. Drl 7 7/8 inch hole to 13450 ft with cut brine water, run 5 1/2 inch 17 lb P110 csg and set at 13450 ft with 1100 sx cmt, TOC 8500'.

**Proposed Blowout Prevention Program**

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

|  |                                  |                            |
|--|----------------------------------|----------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief.<br>I further certify that the drilling pit will be constructed according to NMO CD guidelines <input type="checkbox"/> a general permit <input type="checkbox"/> or an (attached) alternative OCD-approved plan <input type="checkbox"/> .<br>Printed Name: Electronically filed by Diana Briggs<br>Title: Production Analyst<br>Email Address: production@marbob.com<br>Date: 1/16/2008      Phone: 505-748-3303 | <b>OIL CONSERVATION DIVISION</b> |                            |
|  | Approved By: Paul Kautz          |                            |
|  | Title: Geologist                 |                            |
|  | Approved Date: 1/17/2008         | Expiration Date: 1/17/2010 |
|  | Conditions of Approval Attached  |                            |