<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210 Phone:(505) 748-1283 Fax:(505) 748-9720

# State of New Mexico

Form C-101 Permit 75722

# **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

| IMI IMI CITITOTI I OTI | THE DESIGNATION OF THE PROPERTY OF THE PROPERT |                 |  |  |  |  |  |  |
|------------------------|--|-----------------|--|--|--|--|--|--|
| 1                      | . Operator Name and Address  | 2. OGRID Number |  |  |  |  |  |  |
| (                      | 229137   |                 |  |  |  |  |  |  |
|                        | 550 W TEXAS<br>MIDLAND , TX 79701  | 3. API Number   |  |  |  |  |  |  |
| 1.                     | WILDERIND, TX 79701  | 30-015-36353    |  |  |  |  |  |  |
| 4. Property Code       | 5. Property Name   | 6. Well No.     |  |  |  |  |  |  |
| 302572                 | TEXACO BE  | 010             |  |  |  |  |  |  |

## 7. Surface Location

| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| A        | 16      | 17S      | 30E   | Α       | 990       | N        | 990       | E        | EDDY   |

# 8. Pool Information

LOCO HILLS; GLORIET A-YESO 96718

## Additional Well Information

|  | 961      |            | THUMBURE THE               | 1 110011110         |                                 |                                    |
|--|----------|------------|----------------------------|---------------------|---------------------------------|------------------------------------|
| 9. Work Type<br>New Well               |          |            | 11. Cable/Rotan            | y                   | 12. Lease Type<br>State         | 13. Ground Level Elevation<br>3692 |
| 14. Montiple<br>N                      | 15. Prop | osed Depth | 16. Formatio<br>Yeso Forma |                     | 17. Contractor                  | 18. Spud Date<br>6/15/2008         |
| Depth to Ground<br>110                 | l water  |            | Distance from neares       | st fresh water well |                                 | Distance to nearest surface water  |
| ht: Liner: Synthetic Closed Loop Syste | m 🛛      | mils thick | Clay Pit Volume:           |                     | ling Method:<br>h Water Brine 1 | Diesel/Oil-based Gas/Air           |

19. Proposed Casing and Cement Program

| Туре | Hole Size | Casing Type | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5      | 13.375      | 48               | 425           | 475             | 0             |
| Int1 | 11        | 8.625       | 32               | 1300          | 500             | 0             |
| Prod | 7.875     | 5.5         | 17               | 6000          | 1200            | 0             |

## Casing/Cement Program: Additional Comments

COG proposes to drill a 17-1/2" hole to 425' w/fr water mud system, wt 8.5, vis 28, set 13-3/8" casing & cement to surface. Drill an 11" hole to 1300'w/br mud system, wt 10, vis 30, set 8-5/8" casing & cement to surface. Drill a 7-7/8" hole to 6000'w/cut brine mud system, wt 8.7, vis 29-32. Test Yeso formation. Run 5-1/2" casing & cememt to surface. Note: On production string, a caliper will be run, COG will attempt to circulate.

**Proposed Blowout Prevention Program** 

| Туре      | Working Pressure | Test Pressure | Manufacturer |
|-----------|------------------|---------------|--------------|
| DoubleRam | 2000             | 2000          |              |

| 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 | OIL CONSERVATION DIVISION                         |  |  |  |  |
|--|---|--|--|--|--|
| NMOCD guidelines , a general permit , or an (attached) alternative OCD-approved plan .   | Approved By: Tim Gum                              |  |  |  |  |
| Printed Name: Electronically filed by Diane Kuykendall   | Title: District Supervisor                        |  |  |  |  |
| Title: Regulatory Analyst  | Approved Date: 6/4/2008 Expiration Date: 6/4/2010 |  |  |  |  |
| Email Address: dkuykendall@conchoresources.com   |   |  |  |  |  |
| Date: 6/2/2008 Phone: 432-683-7443   |   |  |  |  |  |

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

<u>District III</u> 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

Form C-102 Permit 75722

# Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

**Santa Fe, NM 87505** 

### WELL LOCATION AND ACREAGE DEDICATION PLAT

| 1757             | man account of the party | THE PLEASE CHILDREN CONTRACTOR |  |  |  |
|------------------|--------------------------|--------------------------------|--|--|--|
| 1. API Number    | 2. Pool Code             | 3. Pool Name                   |  |  |  |
| 30-015-36353     | 96718                    | LOCO HILLS; GLORIET A-YESO     |  |  |  |
| 4. Property Code | 5. Property              | Name 6. Well No.               |  |  |  |
| 302572           | TEXAC                    | O BE 010                       |  |  |  |
| 7. OGRID No.     | 8. Operato               | Name 9. Elevation              |  |  |  |
| 229137           | COG OPERA                | TING LLC 3692                  |  |  |  |

#### 10. Surface Location

|          |         |          |       |         |           |          |           |          |        | _ |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|---|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County | 7 |
| A        | 16      | 17S      | 30E   |         | 990       | N        | 990       | E        | EDDY   | 1 |

### 11. Bottom Hole Location If Different From Surface

| UL - Lot | Section           | Т | ownship | Range          | Lot | Idn | Feet From         | N/S L | ine | Feet From | E/W Line      | County |
|----------|-------------------|---|---------|----------------|-----|-----|-------------------|-------|-----|-----------|---------------|--------|
| 1075170  | ated Acres<br>.00 |   | 13. 1   | oint or Infill |     | 14  | . Consolidation ( |       |     |           | 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

|  |  | 0 |
|--|--|---|
|  |  |   |
|  |  |   |
|  |  |   |

# 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: Diane Kuykendall Title: Regulatory Analyst

Date: 6/2/2008

### 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: 5/12/2008 Certificate Number: 3239

# **Permit Comments**

Operator: COG OPERATING LLC , 229137 Well: TEXACO BE #010

API: 30-015-36353

| Created<br>By | Comment   | Comment<br>Date |
|---------------|---|-----------------|
| PEDWARDS      | H2S concentrations of wells in this area from surface to TD are low enough that a contingency plan is not required. | 5/27/2008       |
| TGUM          | NOTE:NEW PIT RULE 19.15.17  | 6/4/2008        |