

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

☐ AMENDED REPORT

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

| | | |
|---|--|---|
| ¹ Operator Name and Address ConocoPhillips Company 4001 Penbrook Street Odessa, TX 79762 | | ² OGRID Number 217817 |
| ³ Property Code 013119 31257 | | ⁴ API Number 30 025-20330 |
| ⁵ Property Name Vacuum Glorieta East Unit, Tract 6 | | ⁶ Well No. 02 |
| ⁹ Proposed Pool 1 Vacuum; Grayburg/San Andres | | ¹⁰ Proposed Pool 2 |

7 Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/Westline | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|---------------|--------|
| I | 33 | 17S | 35E | | 2310 | South | 660 | East | Lea |

8 Proposed 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/Westline | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|---------------|--------|
| | | | | | | | | | |

Additional Well Information

| | | | | |
|---|---------------------------------------|--|------------------------------------|---|
| ¹¹ Work Type Code P | ¹² Well Type Code O | ¹³ Cable/Rotary R | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3938'GR, 3949'RKB |
| ¹⁶ Multiple | ¹⁷ Proposed Depth 4421' | ¹⁸ Formation Grayburg/San Andres | ¹⁹ Contractor | ²⁰ Spud Date / / 06 |
| Depth to Groundwater 63' | | Distance from nearest fresh water well | | Distance from nearest surface water |
| Pit: Liner: Synthetic <input type="checkbox"/> mil thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ 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"/> | | | | |

21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| 11" | 8-5/8" | 24#, J-55 | 1618' | 575 | *Surface |
| 7-7/8" | 5-1/2" | 17#, N-80 | 6245' | 950 | 2681' (calc.) |
| | | | | | |
| | | | | | |

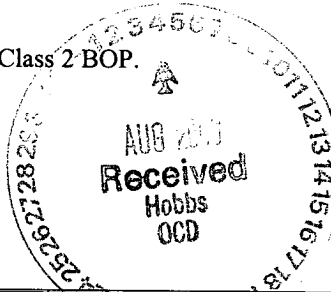
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well presently completed in the Vacuum; Glorieta within the Vacuum Glorieta East Unit. Propose to re-complete well within the Vacuum; Grayburg/San Andres and, thereby, bring well into the existing East Vacuum Grayburg San Andres Unit Tract #3315 Well #402.

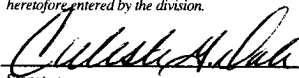
Standard ConocoPhillips Well Control Policy will be in effect, utilizing Class 2 BOP.

*TOC: 72' filled w/crushed caliche cmt to top w/Ready-Mix.

Permit Expires 1 Year From Approval
Data Unless Drilling Underway
Plugback



| | | | |
|---|--|---|--|
| ²³ 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"/> . | | OIL CONSERVATION DIVISION | |
| Printed name: Celeste G. Dale | | Approved by: | |
| Title: Regulatory Specialist | | Title: PETROLEUM ENGINEER | |
| E-mail Address: celeste.g.dale@conocophillips.com | | Approval Date: AUG 09 2006 | |
| Date: 08/01/ 06 | | Expiration Date: | |
| Phone: (432)368-1667 | | Condition of Approval Attached <input type="checkbox"/> | |

| | | | | | |
|----|--|--|--|--|---|
| 16 | | | | | <div>17</div> <div>OPERATOR CERTIFICATION</div> <div>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 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.</div> <div><div></div><div>08/01/06</div></div> <div>Signature</div> <div>Date</div> <div>Celeste G. Dale</div> <div>Printed Name</div> |
| | | | | | |
| | | | | | <div>18</div> <div>SURVEYOR CERTIFICATION</div> <div>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.</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div> <div>Certificate Number</div> |
| | | | | <div>#402</div> <div>660'</div> <div>2310'</div> | |