

ChevronTexaco  
Russell Pool  
Technical Team Leader  
Vacuum Enhanced Oil Recovery Team  
15 Smith Road  
Midland, TX 79705  
poolre@chevrontexaco.com

**ChevronTexaco**

March 23, 2004

**APPLICATION FOR AUTHORIZATION  
TO INJECT - OCD FORM C-108  
VACUUM GRAYBURG SAN ANDRES UNIT  
GRAYBURG SAN ANDRES POOL  
LEA COUNTY, NEW MEXICO**

State of New Mexico  
Energy and Minerals Dept.  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Attention: David Catanach, Engineering Bureau

Pursuant to Administrative Order No. WFX-797 dated January 12, 2004, ChevronTexaco has permanently plugged and abandoned Vacuum Grayburg San Andres Unit Well # 211 (API No. 30-025-35687) located 710 feet from the South line and 1280 feet from the West line (Unit M) of Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico, in a manner that was acceptable to the supervisor of the Division's Hobbs District Office. In accordance with this order, attached is a copy of the subsequent C-103 which was approved on March 19, 2004.

ChevronTexaco will begin injection of water into Vacuum Grayburg San Andres Unit Well #233 (API 30-025-36355) located 2630' from the South line and 660' from the West line (Unit L) of Section 1, Township 18 South, Range 34 East, NMPM, Lea County, New Mexico on 4/1/04 unless notified by your office to do otherwise.

If additional information is required, please contact me at (432) 687-7417.

Sincerely,



Russell Pool  
Technical Team Leader, Vacuum Enhanced Oil Recovery Team

File  
Attachments

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 87240  
 District II  
 1301 W. Grand Ave., Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., 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-103  
 Revised May 08, 2003

OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO. 30-025-35687
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Vacuum Grayburg San Andres Unit
8. Well Number 211
9. OGRID Number
10. Pool name or Wildcat Vacuum Grayburg San Andres

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:  
 Oil Well  Gas Well  Other

2. Name of Operator  
 Chevron U.S.A. Inc.

3. Address of Operator  
 15 Smith Road - Midland, Texas 79705

4. Well Location  
 Unit Letter M : 710 feet from the South line and 1280 feet from the West line  
 Section 1 Township 18S Range 34E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
 3995' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK  PLUG AND ABANDON   
 TEMPORARILY ABANDON  CHANGE PLANS   
 PULL OR ALTER CASING  MULTIPLE COMPLETION   
 OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK  ALTERING CASING   
 COMMENCE DRILLING OPNS.  PLUG AND ABANDONMENT   
 CASING TEST AND CEMENT JOB   
 OTHER: Completion of P&A Procedure

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

- 01-30-04 MIRU Key.
- 02-02-04 MIRU reverse unit. Move in WS, choke manifold & mud. RU pump on tbg; pumped 25 bbls mud to kill tbg. Test BOP to 1000# (good). Rel pkr @ 1536'; RU pump on csg; pump 60 bbls brine wtr & circulated well. Well started flowing up tbg & turned well to frac tanks.
- 02-03-04 Pumped 95 bbls mud down csg & 20 bbls down tbg; well killed. TOH w/sub, 3-1/2" tbg & pkr.
- 02-04-04 Started pump wtr & followed w/900,000# utility brady sand. Flushed w/wtr. Check csg; flowing; getting sand in returns; SI csg. RU pump on tbg; pumped 30 bbls mud; killed tbg.
- 02-05-04 TTH & tagged @ 2056'. Tbg started flowing; RU pump on tbg & pumped 20 bbls mud to kill tbg. Attempt to flow csg back to frac tanks; started flowing sand back; SI csg.
- 02-06-04 Opened csg flowing; pumped 30 bbls down tbg & followed w/110,000# utility brady sand. Started circulating sand; killed tbg w/mud. SD 2 hrs to let sand fall; well dead; lowered tbg to tag @ 2056'.

(Continued on Page 2)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Laura Skinner TITLE Regulatory Specialist DATE 03-17-04

Type or print name Laura Skinner Telephone No. 432-687-7355

(This space for State use)

APPROVED BY Larry W. Wink TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE MAR 19 2004  
 Conditions of approval, if any:

- 02-09-04 Pumped 30 bbls FW following w/94,000# utility brady sand. Started circulating sand; SI csg. Killed tbg lower tbg to tag @ 2056'.
- 02-10-04 Stand-by. Open csg; well dead.
- 02-11-04 Pumped 20 bbls brine wtr & 2 bbls FW, followed w/400 sacks Class C cmt. SI well.
- 02-12-04 Bled well down to 0 pressure on csg; down due to bad weather.
- 02-13-04 Not able to pump sand; plugging off pump. SD.
- 02-16-04 Bled pressure off & lowered tbg to tag @ 2018'; rotated pipe; couldn't make any hole.
- 02-17-04 Not able to pump sand; pump plugging off. SD.
- 02-18-04 Rig pump on tbg & pumped 12 bbls mud to kill tbg. RD.
- 02-20-04 MIRU Key.
- 02-23-04 Pumped 56,000# utility sand; started getting sand up back side; SD 2 hrs to let sand settle; pulled tbg in 8-5/8" csg. TIH w/3-1/2" tbg, tag @ 2037'. Pumped 48,000# utility sand. SD.
- 02-24-04 Spot 400 sacks cmt in open hole. Reverse circulated 20 bbls w/3 bbls cmt. SD.
- 02-25-04 TIH tag @ 2178'. Pulled tbg to 1805'. Pumped 20 bbls followed w/utility brady sand. SD 2 hrs. Pumped 52,043# utility sand. SD.
- 02-26-04 TIH w/3-1/2" tbg & tag @ 2148'. Pulled tbg to 2143'. Pumped 127,350# utility sand. Started getting gel w/sand up back side; SD; killed tbg; TOH to 1459'; csg dead.
- 02-27-04 Bled tbg down (air); csg flowing gel wtr. TIH to 1770'. SD.
- 02-28-04 Pumped 10 bbls mud to kill tbg. Spot cmt as follows: tbg @ 1777', 5 bbls mud, 6 bbls FW, 75 sx cmt, flush w/6 bbls FW, 10 bbls mud; SI csg. Pull tbg to 1519', pump on tbg, pumped 4 bbls mud, clear tbg, SI well.
- 03-01-04 Lower tbg to tag @ 1727'. RU on tbg, established pump in rate, pumped 30 bbls. Bled down & killed tbg w/mud.
- 03-02-04 Spot cmt w/75 sacks Class C cmt. TOH w/tbg to 1393'. Reverse circulated w/12 bbls mud; shut tbg in & pumped down csg w/4 bbls mud to 250 psi; SI well.
- 03-03-04 TIH w/tbg & tagged @ 1727'. Open well to pit; flowing 4 bpm. SI well.
- 03-04-04 Bled well down; kill tbg w/10 bbls mud. TOH w/tbg. SD due to wind.
- 03-05-04 SD due to wind.
- 03-08-04 TIH to 1707'. Circulated hole w/151 bbls mud; well dead; pumped 3-1/2 bbls FW, 16 bbls cmt; close csg; TOH to 1393'; reverse circulated w/24 bbls mud, 5 bbls cmt in returns; SI well for 2 hrs. Open well (dead). TIH w/3-1/2" tbg to tag @ 1629'. Pulled tbg up to 1613'. Pump 7 bbls FW 18.5 bbls cmt; shut csg in; pull tbg up to 1174'; reverse circulated w/25 bbls mud, 3 bbls cmt in returns. SI well for 2 hrs. RD.
- 03-09-04 TOH w/tbg; last jts plugged w/cmt. TIH w/tbg to 1393'. Pumped 12 bbls FW & 200 sacks Class C Neat cmt; OH w/tbg. Pumped 200 sacks Class C Neat cmt to surface; circulated 4 bbls cmt. TOH w/3-1/2" tbg. ND BOP. TOP off 8-5/8" csg w/8 sacks cmt. RD. FINAL REPORT.