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. 1 Pcl

Russell Pool Technical Team Leader, Vacuum Enhanced Oil Recovery Team

File Attachments

-	Appropriate Distric		State of							Form (	
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## VACUUM GRAYBURG SAN ANDRES UNIT NO. 211 PAGE 2

- 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 the & pumped 12 bbls mud to kill the. 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
  (a) 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.