

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-
 May 27, 2

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

RECEIVED

Submit to appropriate District Of

AMENDED REPC

FEB 13 2008

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

HOBBS OCD

| | | |
|--|---|---|
| ¹ Operator Name and Address CHEVRON U.S.A INC 15 SMITH ROAD MIDLAND, TEXAS 79705 | | ² OGRID Number 4323 |
| | | ³ API Number 30-025-29765 |
| ³ Property Code 29923 | ⁵ Property Name CENTRAL VACUUM UNIT | ⁶ Well No. 169 |
| ⁹ Proposed Pool 1 VACUUM GRAYBURG SAN ANDRES | | ¹⁰ Proposed Pool 2 |

⁷ Surface Location

| | | | | | | | | | |
|-------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no N | Section 36 | Township 17-S | Range 34-E | Lot Idn | Feet from the 760 | North/South line SOUTH | Feet from the 1980 | East/West line WEST | County 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/West line | County |
|--------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|

Additional Well Information

| | | | | |
|---|---------------------------------------|--|------------------------------------|---|
| ¹¹ Work Type Code D | ¹² Well Type Code O | ¹³ Cable/Rotary | ¹⁴ Lease Type Code S | ¹⁵ Ground Level Elevation 3993' |
| ¹⁶ Multiple NO | ¹⁷ Proposed Depth 4770' | ¹⁸ Formation GRAYBURG SAN ANDRES | ¹⁹ Contractor | ²⁰ Spud Date |
| Depth to Groundwater | | Distance from nearest fresh water well | | Distance from nearest surface water |
| Pit: Liner Synthetic <input type="checkbox"/> _____mils thick Clay <input type="checkbox"/> Pit Volume _____ bbls | | Drilling Method: Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/> | | |
| Closed-Loop System <input type="checkbox"/> | | | | |

²¹ Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement | Estimated TOC |
|-----------|-------------|--------------------|---------------|-----------------|---------------|
| NO CHANGE | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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.

CHEVRON U.S.A INC INTENDS TO DEEPEN THE SUBJECT WELL TO 4770' & REPLACE THE PUMP

THE INTENDED PROCEDURE & WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL

A PIT WILL NOT BE USED FOR THIS DEEPENING. A STEEL FRAC TANK WILL BE UTILIZED.

**Permit Expires 2 Years From Approval
 Date Unless Drilling Underway
 Deepen**

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 , a general permit , or an (attached) alternative OCD-approved plan .

Signature: *Denise Pinkerton*

Printed name DENISE PINKERTON

Title REGULATORY SPECIALIST

E-mail Address: leakejd@chevron.com

Date 02-12-2008

Phone 432-687-7375

OIL CONSERVATION DIVISION

Approved by:

[Signature]
 Title Geologist

Approval Date:

Expiration Date

FEB 14 2008

Conditions of Approval Attached

CVU No. 169
Vacuum (Grayburg San Andres) Field
API No. 30-025-29765
Lea County, NM

Workover Procedure

1. RUPU. Kill well if necessary. ND wellhead. NU BOP.
2. TOH w/ tubing and sub pump.
3. TIH w/ 6-1/4" mill tooth bit, 6 3-1/2" drill collars on 2-7/8" workstring.
4. Rig up reverse unit and power swivel.
5. Cleanout fill and deepen open hole interval from 4710' to 4770'. Circulate hole clean and TOH.
6. Rig up logging truck. RIH with GR-CNL tool and get on depth with Welex GR-DSN-CCL log dated 12/3/86. Pull log from 4770' up to 3770' (minimum footage charge interval).
7. TIH w/ 7" treating packer on 2-7/8" workstring and set at 4200'.
8. Acidize the San Andres open hole interval with 8,000 gallons 15% HCL in 4 equal stages. Drop 1500# rock salt between stages. Shut in overnight.
9. Open up well and flow back load.
10. Kill well with 10 ppg brine. Release packer and TOH w/ workstring.
11. TIH w/ 6-1/8" bit on 2-7/8" workstring. Clean out salt to 4770'. TOH.
12. TIH w/ 7" treating packer on 2-7/8" workstring. Pump scale inhibitor. TOH.
13. TIH w/ sub pump on 2-7/8" production tubing to 4200'.
14. ND BOP. NU wellhead. RDPU.
15. Return well to production.

PTB 1/23/08

Wellbore Diagram

CVU 169

Created: 02/10/06 By: C. A. Irlle
 Updated: 08/08/07 By: HLH
 Updated: _____ By: _____
 Lease: Central Vacuum Unit
 Field: Central Vacuum Unit
 Surf. Loc.: 760' FSL & 1,980' FWL
 Bot. Loc.: _____
 County: Lea St.: NM
 Status: Active Oil Well

Well #: 169 St. Lse: B-155
 API: 30-025-29765
 Unit Ltr.: N Section: 36
 TSHP/Rng: S-17 E-34
 Unit Ltr.: _____ Section: _____
 TSHP/Rng: _____
 Directions: Buckeye, NM
 CHEVNO: IH3048

Conductor Casing (Not Shown)

Size: 20"
 Wt., Grd.: 94# K-55
 Depth: 354'
 Sxs Cmt: 1,000
 Circulate: Yes
 TOC: Surface
 Hole Size: 26"

Surface Casing

Size: 13 3/8"
 Wt., Grd.: 54.5# J-55
 Depth: 1,525'
 Sxs Cmt: 1,550
 Circulate: Yes
 TOC: Surface
 Hole Size: 17 1/2"

Intermediate Casing

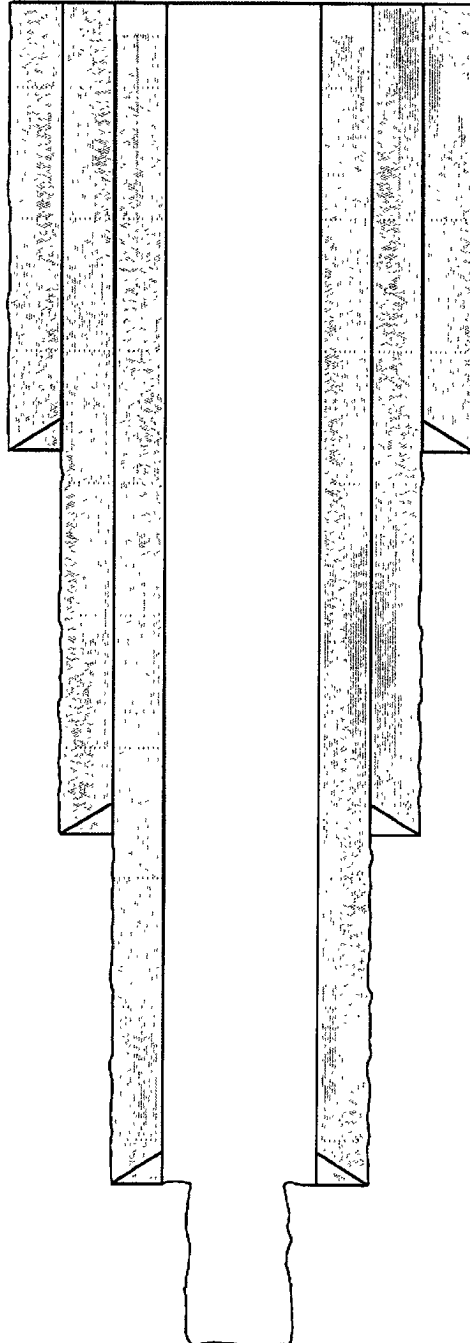
Size: 9 5/8"
 Wt., Grd.: 36# K-55
 Depth: 2,742'
 Sxs Cmt: 1,600
 Circulate: Yes 140sx
 TOC: Surface
 Hole Size: 12 1/4"

Production Casing

Size: 7"
 Wt., Grd.: 23#
 Depth: 4,276'
 Sxs Cmt: 750
 Circulate: No
 TOC: 1,510' est
 Hole Size: 8 3/4"

Open Hole

Depth: 4,710'
 Hole Size: 6 1/4"



KB: 4,005
 DF: _____
 GL: 3,993
 Ini. Spud: 11/08/86
 Ini. Comp.: 12/22/86

History

12/22/86 Ini Comp
11/18/87 Stim: Spot 800 gls Amm Bicarb, acid 10000 gls 15% NEFE.
5/6/91 Stim: Spot 750 gls Amm Bicarb, acid 6750 gls 15% HCl 4000# RS.
2/3/92 Stim: Acid 5000 gls 15% NEFE HCl 2000# RS, SIS.
6/8/95 Stim: Tag 4693, CO 4710, spot 110 gls conv, acid 6200 gls 15% HCl, SIS. 83o 1150w 61g
10/20/98 Upsize Sub.
2/25/02 DHS & Stim: Sub too big (over heat), acid, VSD.
9/29/04 DHS: Clean prmp, no fill.

PBTD: 4,710
 TD: 4,710