

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

**OIL CONSERVATION DIVISION**

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

WELL API NO.

30-025-25703

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil / Gas Lease No.

857943

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

1. Type of Well: OIL WELL ☐ GAS WELL ☐ OTHER INJECTION

2. Name of Operator  
CHEVRON USA INC

3. Address of Operator  
15 SMITH RD, MIDLAND, TX 79705

7. Lease Name or Unit Agreement Name

CENTRAL VACUUM UNIT

8. Well No.

40

9. Pool Name or Wildcat

VACUUM GRAYBURG SAN ANDRES

4. Well Location

Unit Letter D : 42 Feet From The NORTH Line and 1247 Feet From The WEST Line

Section 36 Township 17S Range 34E NMPM LEA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

11. 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 ☐

OTHER: PREPARE WELL FOR CO2 INJECTION ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPERATION ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. 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.

CHEVRON U.S.A. INC. INTENDS TO PREPARE THE SUBJECT WELL FOR CO2 INJECTION.

THE INTENDED PROCEDURE AND WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.

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

SIGNATURE Denise Pinkerton TITLE Regulatory Specialist

DATE 10/10/2006

TYPE OR PRINT NAME Denise Pinkerton

Telephone No. 432-687-7375

(This space for State Use)

APPROVED Larry W. Wink  
CONDITIONS OF APPROVAL, IF ANY:

OC FIELD REPRESENTATIVE II/STAFF MANAGER

TITLE

DATE

**OCT 12 2006**

10/6/2006

## CVU #40

- Preparing well for CO2 injection.
  - Currently has CO2 wellhead and 2 3/8" duolined tbg

### Procedure

1. Arrange with **Larry Ridenour** to schedule injection profile to be run ~ 2 weeks after this well is place on injection.
2. Test anchors if needed.
3. Test casing to 500# to test casing integrity.
4. Kill well as needed.
5. MIRU PU and RU.
6. Install BOP.
7. TOH w/ 2 3/8" injection tbg and 4 1/2" injection packer.
8. TIH w/ 3 7/8" bit on 2 3/8" workstring.
9. Clean out to ~4713' (PBTD 11/98). Circ hole clean. TOH.
10. MIRU Wireline Services. Run Baker Casing Inspection Log (MicroVertilog) from 4335' to ~300'. *{Determine integrity of 4 1/2" casing}* TOH.
11. TIH w/ 4 1/2" packer on 2 3/8" workstring. Set packer ~4322'. Load and test backside to 500#.
12. RU Stimulation Services and acidize perforations 4392'-4701' w/ 5000 gals 15% + RS as per DS recommendation. *(currently obtaining DS recommendation)*
13. Swab or flow back as possible. TOH.
14. RU to hydrostatic tbg going in the hole. TIH w/ 4 1/2" injection packer for CO2 service with on/off tool on 2 3/8" duolined injection tbg. Set packer ~ 4335' (*~ previous inj pkr set depth*)
15. Load, test and chart backside for NMOCD. Send original chart to Denise Pinkerton ASAP.
16. Place well on water injection.

Denise Wann

**CVU #40**  
**API No. 30 025 25703**

8 -5/8" 24# set 368'  
 cmt 375 sxs Class C  
**Not Circ**  
 12 1/4" hole

**Well Location**

Unit D  
 42' FNL & 1247' FWL  
 Sec 36, T 17S, R34E  
 GL 4006'  
 Wellbore no  
 spud date 1/31/1978

**1/31/78-** Perf 4735, 45, 79, 81, RBP 4790, pkr 4755, acid 500 gals 15% NE, CIBP 4725', top w/12' cmt, PBTD 4713, Perf 2 spf 4400, 10, 20, 46, 54, 69, 80, 90, 4555, 94, 4604, 44, 53, 62, 73, 81, 92, 4701, straddle pkrs, acid 5400 gals 15% NE, pkr 4340.

**11/25/98-** Stuck pkr, Fish pkr, milled 4338-4713, Perf 2 spf 4392-4402, 4410-20, 58-63, 4652-67, 75-80, 86-95, acid 10000 gals 15% HCl +3900# RS, well on vacuum.

**5/6/05-** CO w/ 1 1/4" CT. Tag 4682', spot 16 bbls ac, soak, CO to 4703'.

**5/16/2005-**Profile- wtr going below 4550' (scale was trying to stick tools)

Perfs 2 spf  
**4392-4402,10-20,58-63,4652-67,75-80,86-4695**

Perfs 2 spf  
 4400,10-20,46,54,58-63,69,80,90,4555,94,4604,44,52-67,53, 62,73,75-80,81,86-95,92,4701,35,45,79,**4781**

4 1/2" 10.5# K55 set 4800'  
 cmt 2000 sxs  
 Circ to surface  
 7 7/8" hole

PBTD 4713' -CIBP @ 4725' w/ 12' cmt

PBTD 4713'  
 TD 4800'