

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.	30-025-25720
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil / Gas Lease No.	B- 1334
7. Lease Name or Unit Agreement Name	CENTRAL VACUUM UNIT
8. Well No.	45
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3977' GL	

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 PERMI
(FORM C-101) FOR SUCH PROPOSALS.

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

2. Name of Operator
CHEVRON USA INC

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

4. Well Location
Unit Letter C : 121 Feet From The NORTH Line and 2475 Feet From The WEST Line
Section 31 Township 17S Range 35E NMPM LEA COUNTY

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 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. NEW INJECTION TBG, NEW INJECTION PACKER, & NEW WELLHEAD WILL BE INSTALLED FOR CO2 APPLICATION.

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 Thuy W. Wink
CONDITIONS OF APPROVAL, IF ANY:

TITLE OC FIELD REPRESENTATIVE II/STAFF MANAGER DATE

OCT 12 2006

10/3/2006

CVU #45

- Preparing well for CO2 injection.
 - Will run new injection tbg, new injection packer and install new wellhead for CO2 application.

Procedure

1. Test casing to 500# to test casing integrity.
2. Arrange with **Larry Ridenour** to schedule injection profile to be run ~ 2 weeks after this well is place on injection.
3. Test anchors if needed.
4. Order 4 ½" injection packer for CO2 application.
5. Schedule delivery of new 2 3/8" duolined injection tbg and CO2 type wellhead.
{Bobby Hill has ordered these items.}
6. Kill well as needed.
7. MIRU PU and RU.
8. Install BOP.
9. TOH w/ 2 3/8" injection tbg and 4 ½" injection packer, LD.
10. TIH w/ 3 7/8" bit on 2 3/8" workstring.
11. Clean out to ~4783'. Circ hole clean. {6/06-Gray tagged @ 4775'} TOH.
12. TIH w/ 4 ½" RBP and set ~4335'.
13. MIRU Wireline Services. Run Baker CBL/GR/CCL and Baker Casing Inspection Log (Microvertilog) from 4335' to ~300'. *{Determine TOC and integrity of 4 ½" casing especially above TOC and across the Salt Section and Yates intervals.}* TOH.
14. Change out wellhead to CO2 type wellhead.
15. Retest wellhead and casing to 500# (or 1000# if deem appropriate)
16. TIH w/ retrieving head on 2 3/8" workstring and retrieve 4 ½" RBP. TOH.
17. TIH w/ 4 ½" injection packer on 2 3/8" duolined injection tbg. Set packer ~ 4335'
(~ previous inj pkr set depth)
18. Load, test and chart backside for NMOCD. Send original chart to Denise Pinkerton ASAP.
19. Place well on water injection.

Denise Wann

CVU #45 Wellbore Diagram

Created: 03/02/06 By: C. A. Irle
 Updated: By:
 Lease: Central Vacuum Unit
 Field: Central Vacuum Unit
 Surf. Loc.: 121' FNL & 2,475' FWL
 Bot. Loc.:
 County: Lea St.: NM
 Status: Active Injection Well

Well #: 45 St. Lse: B-1334
 API: 30-025-25720
 Unit Ltr.: C Section: 31
 TSHP/Rng: S-17 E-35
 Unit Ltr.: Section:
 TSHP/Rng:
 Directions: Buckeye, NM

Surface Casing

Size: 8 5/8"
 Wt., Grd.: 24#
 Depth: 387
 Sxs Cmt: 425
 Circulate: Yes
 TOC: Surface
 Hole Size: 12 1/4"

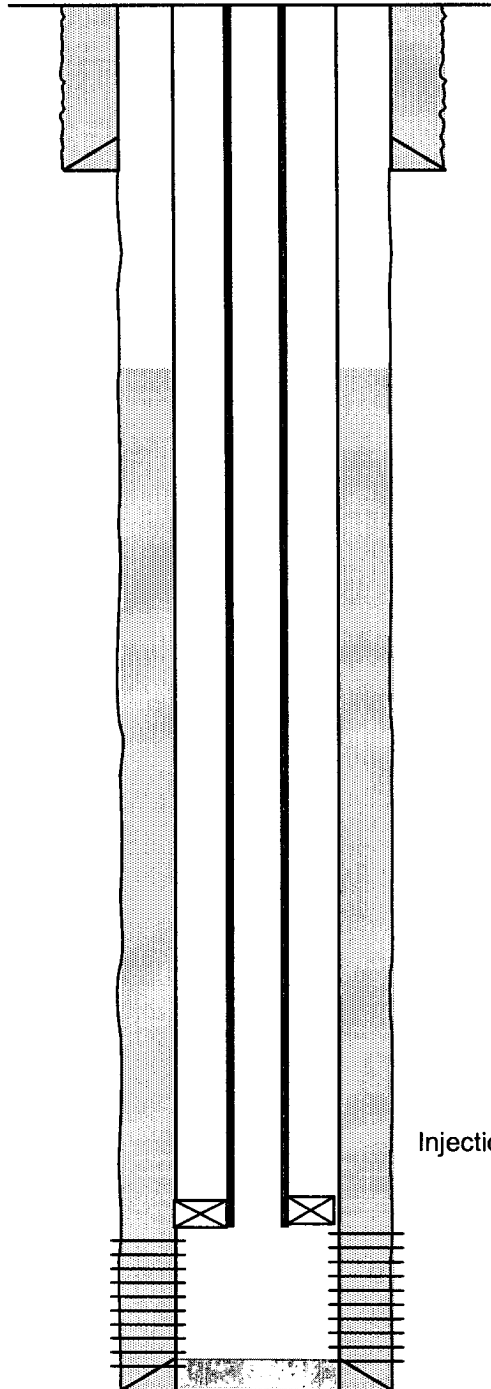
Production Casing

Size: 4 1/2"
 Wt., Grd.: 10.5#
 Depth: 4,800'
 Sxs Cmt: 2,200
 Circulate: No
 TOC: ?
 Hole Size: 7 7/8"

KB:
 DF:
 GL: 3,977
 Ini. Spud:
 Ini. Comp.: 03/03/78

History

3/3/78 Ini Comp: Perf 2 jspf 4422, 28, 40, 52, 60, 74, 84, 4506, 17, 95, 4623, 31, 41, 50, 61, 67, 74, 84, 95, 4708, 18, 26, RBD 4756, pkr 4603, acid 3600 gls 15% NE 400# RS, RBP 4603, pkr 4354, acid 3000 gls 15% NE 300# RS, pkr 4377.
 10/20/81 Replaced Tubing
 9/1/94 Acid: CO 4783, acid 3000 gls 15% HCl, CO 4783, pkr 4346.
 4/9/05 CTCO: Tbg lining peeled so stop CT job.
 8/23/05 MIT Repair: Replace 8 5/8" wellhead, CO 4783, acid 6000 gls, pkr 4335.



Injection pkr 4335'

Perforations 2 spf

4422, 28, 40, 52, 60, 74, 84, 4506, 17, 95, 4623, 31, 41, 50, 61, 67, 74, 84, 95, 4708, 18, 26

PBTD: 4,783
 TD: 4,800