

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N French Dr , Hobbs, NM 88240  
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  
May 27, 2004

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

WELL API NO.  
**30-025-25224**

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name  
**Central Drinkard Unit**

8. Well Number **#413**

9. OGRID Number

10. Pool name or Wildcat  
**Drinkard**

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 **Injector**

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

3. Address of Operator  
**15 Smith Rd, Midland, TX 79705**

4. Well Location  
Unit Letter **B** : **910** feet from the **North** line and **1857** feet from the **West** line  
Section **29** Township **21-S** Range **37-E** NMPM **Lea** County

11. Elevation (Show whether DR, RKB, RT, GR, etc )  
**3472' GL**

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type \_\_\_\_\_ Depth to Groundwater \_\_\_\_\_ Distance from nearest fresh water well \_\_\_\_\_ Distance from nearest surface water \_\_\_\_\_

Pit Liner Thickness: \_\_\_\_\_ mil Below-Grade Tank: Volume \_\_\_\_\_ bbls; Construction Material \_\_\_\_\_

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 COMPL ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: **Run Straddle Packer Asseblly** ☒

OTHER ☐

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.

**CHEVRON U.S.A. INC. INTENDS TO RUN A STRADDLE PACKER ASSEMBLY TO  
EFFECTIVELY ISOLATE THE SQUEEZED DRINKARD-GAS ZONE PERFORATIONS  
FROM THE WATERS USED TO FLOOD THE DRINKARD-OIL ZONE.**

**THE PROPOSED WELLBORE DIAGRAM IS ATTACHED FOR YOUR APPROVAL.**

**INJECTION WAS APPROVED UNDER ADMIN. ORDER NO. WFX-826**

**RECEIVED**

**APR 28 2008**

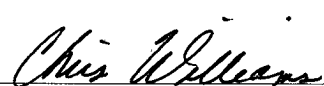
**HOBBS OCD**

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE  TITLE **Production Engineer** DATE **3/3/08**

Type or print name **Richard A. Jenkins** E-mail address: **rjdg@chevron.com** Telephone No. **631-3281**

**For State Use Only**

APPROVED BY:  TITLE **OCD DISTRICT SUPERVISOR/GENERAL MANAGER** DATE **APR 28 2008**  
Conditions of Approval (if any):

Well: **CDU #413**

Field: **Drinkard**

Reservoir: **Drinkard (Oil)**

**Location:**

910' FNL & 1857' FWL  
Section: 29 Unit Letter: B  
Township: 21S  
Range: 37E  
County: Lea State: NM

**Elevations:**

GL: 11'  
KB: 12'  
DF: 3742'

**Proposed**  
Wellbore Diagram

**Well ID Info:**

Refno: EO8690  
API No: 30-025-25224  
L5/L6: -  
Spud Date: -  
Compl. Date: 4/15/1976

**Proposed Tubing Detail:**

#Jts:	Size:	Footage	Top Depth
	KB	12	0
200	Jts. 2-3/8" IPC Tbg	6330	12
	5-1/2" x 2-3/8" Hydraulic Packer	7	6342
5	Jts. 2-3/8" IPC/EPC Tbg	155	6349
	Stainless 2-3/8" On/Off Tool	1.81	6504
	5-1/2" x 2-3/8" AS-1X Packer	6.79	6506
205	Bottom Of String >>	6513	

**Surf. Csg:** 8-5/8", 24#, K-55  
**Set:** @ 1250' w/ 550 sks  
**Hole Size:** 11"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

*This wellbore diagram is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland Office well files and computer databases as of the update date below. Verify what is in the hole with the well file in the Eunice Field Office. Discuss w/ WED Engineer, WO Rep, OS, ALS, & FS pr to rigging up on well regarding any hazard unknown issues pertaining to the well.*

5-1/2" x 2-3/8" Hydraulically Set Packer @ 6342'

2-3/8" Internally/Externally Coated Tubing

5-1/2" x 2-3/8" AS-1X Packer @ 6506'

**Perfs:** **Status**  
6420'-6463' Drinkard (Gas) - Squeezed

**Prod. Csg:** 5-1/2", 15.5#, K-55  
**Set:** @ 6533' w/ 800 sks  
**Hole Size:** 7-7/8"  
**Circ:** Yes **TOC:** surface  
**TOC By:** Circulation

**Perfs:** **Status**  
6533'-6655' Drinkard (Oil) - Open Hole

**COTD:** 6655'  
**PBTD:** 6655'  
**TD:** 6655'

**Updated:** 2/27/2008

**By:** rjdg



**Richard A. Jenkins**  
Petroleum Engineer  
New Mexico Team

**MCA Business Unit**  
Chevron U.S.A. Inc.  
15 Smith Road  
Midland, Texas 79705  
Tel 432-687-7120  
Fax 432-687-7871  
rjdg@chevron.com

February 26, 2008

State of New Mexico  
Oil Conservation Division  
1625 N. French Drive  
Hobbs, New Mexico 88240

**RECEIVED**

APR 28 2008

**HOBBS OCD**

Central Drinkard Unit – Intent to run straddle packer.

Chevron U.S.A. Inc. requests approval to run a straddle packer assembly in four, Central Drinkard Unit injection wells. The injection permit for the wells was approved under Admin. Order No. WFX-826. The permit states that the injection packer should be set within 100' of the injection interval. Each of the four wells have been deepened from the Drinkard-Gas zone to the Drinkard-Oil zone. The Drinkard Gas zone was cement squeezed in each well. Unfortunately, the top of the squeeze perfs are more than 100' above the injection interval. This downhole assembly will be used to effectively isolate the squeezed Drinkard-Gas zone perforations from the waters used to flood the Drinkard-Oil zone. The wells and permitted injection intervals are listed below.

Central Drinkard Unit #408 – 972' FNL & 1305' FWL, Sect. 28, Unit Letter 'D', T21S, R37E  
Permitted Injection Interval: 6,519'-6,642' (Open-hole)

Central Drinkard Unit #409 – 977' FNL & 2226' FWL, Sect. 28, Unit Letter 'C', T21S, R37E  
Permitted Injection Interval: 6,512'-6,628' (Open-hole)

Central Drinkard Unit #411 – 939' FNL & 1655' FEL, Sect. 28, Unit Letter 'B', T21S, R37E  
Permitted Injection Interval: 6,509'-6,655' (Open-hole)

Central Drinkard Unit #413 – 910' FNL & 1857' FEL, Sect. 29, Unit Letter 'B', T21S, R37E  
Permitted Injection Interval: 6,534'-6,655' (Open-hole)

The lower packer element will be set below the Drinkard Gas perforations within 100' of the injection interval. The upper element will be set within 50' above the Drinkard Gas perforations. Proposed wellbore diagrams are provided for your reference.

Your prompt consideration and approval of this application will be greatly appreciated. If you have any questions concerning this application, please contact me at (432) 631-3281.

Sincerely,

Richard A. Jenkins  
Production Engineer

Enclosure

cc: Denise Pinkerton  
Denise Beckham

Mike Howell  
Danny Lovell