

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-025-06835

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 No.

100

9. 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 ☒ WS

2. Name of Operator

Chevron U.S.A. Inc.

3. Address of Operator

P. O. BOX 1150 MIDLAND, TX 79702

4. Well Location

Unit Letter I : 1980 feet from the SOUTH line and 990 feet from the EAST line

Section 28 Township 21S Range 37E NMPM County LEA

10. Elevation (Show whether DR, 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 ☐

MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON PROPOSES TO P&A PER ATTACHED PROCEDURE

THE COMMISSION MUST BE NOTIFIED 24 HOURS PRIOR TO THE BEGINNING OF PLUGGING OPERATIONS FOR THE C-103 TO BE APPROVED.

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

SIGNATURE J. K. Ripley TITLE REGULATORY O.A. DATE 10/3/01

Type or print name J. K. RIPLEY

Telephone No. (915) 687-7148

(This space for State use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of approval, if any:

Central Drinkard Unit # 100WS  
Drinkard Field  
T21S, R37E, Section 28  
Job: Plug And Abandon

Procedure:

*This well is located in or near a public area of the city of Eunice. Before commencing work, have a risk assessment performed by the FCS. If the work cannot be performed with the safety of the public assured, then perform this abandonment with a single derrick rig under supervision of the FCS.*

1. MI & RU pulling unit. Bleed pressure from well, if any. Pump down csg with 8.7 PPG cut brine water, if necessary to kill well. Remove WH. Install BOP's and test to 1000 psi.
2. POH with 2 7/8" tbg string and sub pump. LD tbg string and sub pump equipment while POH.
3. PU 6 1/4" MT bit and GIH on 2 7/8" work string to approximately 4050'. POH with 2 7/8" work string and bit. LD bit.
4. MI & RU electric line unit. GIH and set CIBP at 4000'. POH. GIH and dump 35' cmt on top of CIBP at 4000'. POH. GIH and perforate from 2800-01' with 4 JSPF at 90 degree phasing. POH. RD and release electric line unit.
5. PU and GIH with 2 7/8" work string open-ended to 3950'. LD and tag top of cmt on CIBP at 3965' (CIBP set at 4000' with 35' cmt on top). Displace casing with 9.5 PPG salt gel mud from 3965'. PUH to 2900'. Spot balanced cmt plug from 2805-2900'. PUH to 2805'. Reverse circulate well clean from 2805' using fresh water. Pump into perfs at 2800-01' with fresh water to ensure that cmt is not covering perfs. POH with 2 7/8" work string.
6. PU and GIH with 7" pkr on 2 7/8" work string to 2400'. Set pkr at 2400'. Establish pump-in rate into squeeze holes at 2800-01' using fresh water. Open 13 3/8" surface casing valve and 9 5/8" intermediate csg valve while pumping and observe for circulation to surface. If circulation is obtained, circulate fresh water to surface at maximum pump rate until returns are clean. POH with 2 7/8" work string and pkr. LD pkr. **Note: If cannot pump into perfs 2800-01, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 2805-2350' inside 7" csg.**
7. PU and GIH with tbg-set CICR on 2 7/8" work string to 2400'. Set CICR at 2400'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 2800-01'. Hold 300 psi on tbg/csg annulus during sqz job.

8. RU cementing equipment. Cement squeeze perfs 2800-01' using Class C cement mixed to 14.8 PPG w/ 1.32 CFY. Circulate cement to surface through 9 5/8" intermediate casing and then close 9 5/8" intermediate csg valve. After closing intermediate casing valve, attempt to achieve 1500 psi squeeze pressure. **Note: Perform entire squeeze job with 13 3/8" surface casing valve open. If cement circulates to surface through 13 3/8" surface casing, close surface casing valve and continue job.**
9. Sting out of cement retainer. Reverse circulate clean from 2400' using fresh water. POH with work string and stinger. LD stinger. SWI overnight for cement to cure.
10. MI & RU electric line unit. GIH and perforate from 1175-76' with 4 JSPF at 90 degree phasing. POH. RD and release electric line unit.
11. PU and GIH with 2 7/8" work string open-ended to 2400'. LD and tag top of CICR at 2400'. Displace casing with 9.5 PPG salt gel mud from 2400'. POH with 2 7/8" work string.
12. PU and GIH with 7" pkr on 2 7/8" work string to 1050'. Set pkr at 1050'. Establish pump-in rate into squeeze holes at 1175-76' using fresh water. Open 13 3/8" surface casing valve and 9 5/8" intermediate csg valve while pumping and observe for circulation to surface. If circulation is obtained, circulate fresh water to surface at maximum pump rate until returns are clean. POH with 2 7/8" work string and pkr. LD pkr. **Note: If cannot pump into perfs 1175-76, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 1275-1050' inside 7" csg.**
13. PU and GIH with tbg-set CICR on 2 7/8" work string to 1050'. Set CICR at 1050'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 1175-76'. Hold 300 psi on tbg/csg annulus during sqz job.
14. RU cementing equipment. Cement squeeze perfs 1175-76' using Class C cement mixed to 14.8 PPG w/ 1.32 CFY. Circulate cement to surface through 13 3/8" surface casing and then close 13 3/8" surface csg valve. After closing surface casing valve, attempt to achieve 1500 psi squeeze pressure. **Note: Perform entire squeeze job with 9 5/8" intermediate casing valve open. If cement circulates to surface through 9 5/8" intermediate casing, close intermediate casing valve and continue job.**
15. Sting out of cement retainer. Reverse circulate clean from 1050' using fresh water. POH with work string and stinger. LD stinger. SWI overnight for cement to cure.
16. Open well. Check for gas flow from 13 3/8" surface casing and from 9 5/8" intermediate casing. **Note: If gas flow is detected, contact Engineering for additional procedures before proceeding.** GIH w/ 2 7/8" open-ended work string to 1050'. Tag CICR at 1050'. Displace fresh water from csg using 9.5 PPG salt gel mud. PUH and spot balanced cmt

plug from 250-350'. PUH to 100'. Reverse circulate well clean from 100' using 9.5 PPG salt gel mud. WOC 2 hrs. LD and tag cmt plug at 250'. PUH and spot Class "C" cement plug inside casing from 60' to surface. RD cementing equipment.

17. Remove BOP's. RD and release pulling unit.

18. Cut off all casings 3' below ground level. Weld steel plate with 1/2" valve (plugged with 1/2" FS plug) on top of casing strings. Backfill and install NMOCD P&A marker.

19. Clear and bioremediate well location.

AMH  
10/2/2001

Well: **Central Drinkard Unit #100WS** Field: **Hare** Reservoir: **San Andres**  
 formerly J. N. Carson (NCT-C) #8 initially completed in the Brunson (Ellenburger)

### Current

### Wellbore Diagram

**Location:**  
 1980' FSL & 990' FEL  
 Section: 28  
 Township: 21S  
 Range: 37E Unit: I  
 County: Lea State: NM

**Elevations:**  
 GL: 3435'  
 KB:  
 DF:

**Well ID Info:**  
 Chevno: FA7932  
 API No: 30-025-06835  
 L5/L6: U900500  
 Spud Date: 6/1/49  
 Compl. Date: 8/2/49

**Surf. Csg:** 13 3/8" 48#, H-40  
**Set:** @ 300' w/300 sx cmt  
**Hole Size:** 17 1/4"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circulated

**Interm. Csg:** 9 5/8" 36#, H40  
**Set:** @ 2800' w/ 1300 sx cmt  
**Hole Size:** 12 1/4"  
**Circ:** No **TOC:** 1275'  
**TOC By:** Temperature Survey

#### Subsequent Workovers/Reconditionings/Repairs:

**Aug-49** PERF 5" liner f/ 7565-7723' w/4 JHPF

**Sep-56** ACID f/ 7565-7723' w/8000 gals 15% acid.

**Apr-63** Set CIBP @ 7200' w/ 2 sx cmt on top.  
 Calc TOC @ 7192'. PERF 7" csg as follows: 5751-53', 5782-84', 5834-36' & 5857-59' w/ 4 JHPF.

**Sep-67** Set CIBP @ 4895' w/ 2 sx cmt on top.  
 Calc TOC @ 4850'. PERF 7" csg f/ 4055-4795' w/ 2 JHPF (138 holes).  
 ACID w/ 6500 gals 15% NEA.

4055-64' San Andres - Open  
 4238-45' San Andres - Open  
 4285-92' San Andres - Open  
 4357-64' San Andres - Open  
 4435-45' San Andres - Open  
 4555-65' San Andres - Open  
 4726-34' San Andres - Open  
 4785-95' San Andres - Open

CIBP @ 4895'  
 (2 sx cmt on top)

PB 4870'

5751-5859' Blinbry Gas - Below CIBP

CIBP @ 7200'  
 (2 sx cmt on top)

PB 7192'

**Prod. Csg:** 7", 23#, J-55, N-80  
**Set:** @ 7374' w/ 700 sx cmt  
**Hole Size:** 8 3/4"  
**Circ:** No **TOC:** 2800'  
**TOC By:** Temperature Survey

7565-7723' Brunson Ellenburger - Below CIBP

PBTD: 4870'  
 TD: 7743'

**5 1/2" OD 18# J-55 & H-40**  
**Liner f/ 7325-7743'.** (6 1/4" hole)  
 Cmt w/63 sx. Cmt Circ.

Updated: 9/18/01

By: K. M. Jackson

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**Blk Sqz Perfs @ 1175'**

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**CICR @ 1050'**

(Top of Salt @ 1170')

**CICR @ 2400'**

(Base of Salt @ 2400')

(35' cmt on top)

**CIBP @ 4000'**

**CIBP @ 4895'**

(2 sx cmt on top)

4055-64'	San Andres - Open
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4285-92'	San Andres - Open
4357-64'	San Andres - Open
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**Updated:** 9/18/01

**By:** K. M. Jackson