

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-103  
Revised March 25, 1999

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.)		WELL API NO. <b>30-025-06963</b>
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator <b>Chevron U.S.A. Inc.</b>		6. State Oil & Gas Lease No.
3. Address of Operator <b>P.O. Box 1150 Midland, TX 79702</b>		7. Lease Name or Unit Agreement Name: <b>CENTRAL DRINKARD UNIT</b>
4. Well Location Unit Letter <b>K</b> : <b>1980</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line Section <b>33</b> Township <b>21S</b> Range <b>37E</b> NMPM County <b>LEA</b>		8. Well No. <b>147</b>
10. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. Pool name or Wildcat <b>DRINKARD</b>

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 recompilation.

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 9/14/01

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 # 147WI  
Drinkard Field  
T21S, R37E, Section 33  
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 tbg with 10 PPG brine water, if necessary to kill well. Remove WH. Install BOP's and test to 1000 psi.
2. Release Baker Model "R" pkr at 6388'. POH with 2 3/8" IPC injection tbg string. LD tbg string and pkr while POH.
3. PU 4 3/4" MT bit and GIH on 2 7/8" work string to approximately 6500'. POH with 2 7/8" work string and bit. LD bit.
4. MI & RU electric line unit. GIH and set CIBP at 6450'. POH. GIH and dump 35' cmt on top of CIBP at 6450'. POH. GIH and perforate from 1400-01' 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 6435'. LD and tag top of cmt on CIBP at 6435' (CIBP set at 6450' with 35' cmt on top). Displace casing with 9.5 PPG salt gel mud from 6435'. PUH to 4500'. Spot balanced cmt plug from 4400-4500'. PUH to 2800'. Spot balanced cmt plug from 2500-2800'. PUH to 2000'. Reverse circulate well clean from 2000' using 9.5 PPG salt gel mud. WOC 2 hrs. LD and tag cmt plug at 2500'. POH with 2 7/8" work string.
6. PU and GIH with 5 1/2" pkr on 2 7/8" work string to 1250'. Set pkr at 1250'. Establish pump-in rate into squeeze holes at 1400-01' using fresh water. Open 13 3/8" surface casing valve and 8 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 1400-01, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 1450-1250' inside 7" csg.**
7. PU and GIH with tbg-set CICR on 2 7/8" work string to 1250'. Set CICR at 1250'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 1400-01'. Hold 300 psi on tbg/csg annulus during sqz job.

8. RU cementing equipment. Cement squeeze perfs 1400-01' 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 8 5/8" intermediate casing valve open. If cement circulates to surface through 8 5/8" intermediate casing, close intermediate casing valve and continue job.**
9. Sting out of cement retainer. Reverse circulate clean from 1250' using fresh water. POH with work string and stinger. LD stinger. SWI overnight for cement to cure.
10. Open well. Check for gas flow from 13 3/8" surface casing and from 8 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 1250'. Tag CICR at 1250'. Displace fresh water from csg using 9.5 PPG salt gel mud. PUH and spot Class "C" cement plug inside casing from 250' to surface. RD cementing equipment.
11. Remove BOP's. RD and release pulling unit.
12. 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.
13. Clear and bioremediate well location.

AMH  
9/14/2001

# DRINKARD FIELD

WELL NAME: CENTRAL DRINKARD UNIT #147WI  
 LOCATION: 1980' FWL & 1980' FSL  
 TOWNSHIP: 21S  
 RANGE: 37E

FIELD: DRINKARD  
 SEC: 33  
 COUNTY: LEA  
 STATE: NEW MEXICO

FORMATION: DRINKARD  
 API: 30-025-06963  
 CHEVNO: FA8060  
 STATUS: INJECTING

GE: 3445' KDB to GE: \_\_\_\_\_

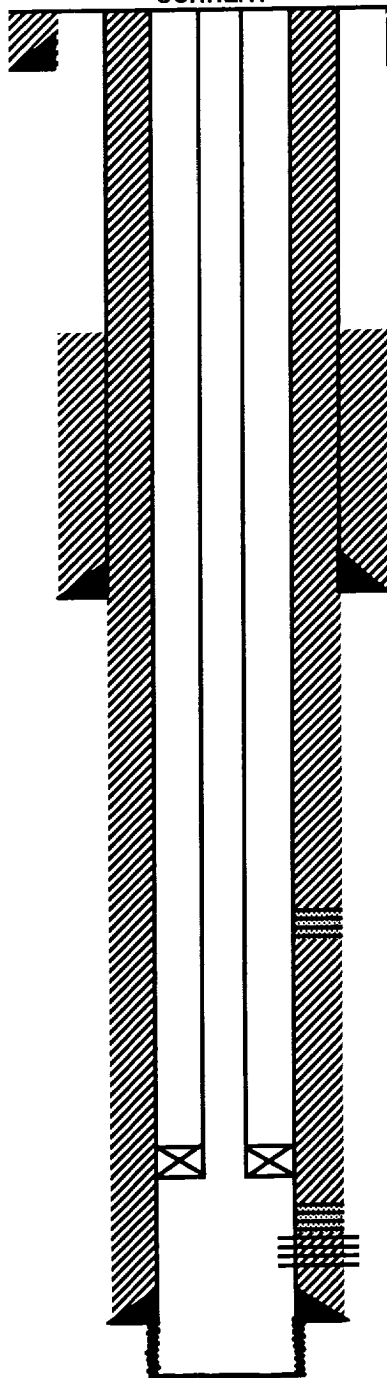
DF to GE: \_\_\_\_\_

Spud Date: 11/23/1946

Completion Date: 1/12/1947

Initial Formation: DRINKARD

CURRENT



## Surface Casing

Hole 17-1/4"  
 OD 13-3/8"  
 Wt. 36#  
 Gr. \_\_\_\_\_  
 @ 183'  
 w/ 200 sx cmt  
 TOC surface

2-3/8" 4.7# N-80 tbg  
 Baker Mod. R 'DG' pkr set @ 6388'

## Intermediate Casing

Hole 11"  
 OD 8-5/8"  
 Wt. 32#  
 Gr. \_\_\_\_\_  
 @ 2729'  
 w/ 1000 sx cmt  
 TOC 1550' by TS

Note: Tbg-csg annulus is loaded  
 w/corrosion inhibited FW.

Perf'd @ 4445'  
 Circ cmt to surface

## Production Casing

Hole 7-7/8"  
 OD 5-1/2"  
 Wt. 15.5#  
 Gr. J-55  
 @ 6556'  
 w/ 350 sx. cmt.  
 TOC 4550' by TS (5/76 circ to surf)

Perfs:	Status
6497-6530'	Drinkard - squeezed w/225 sx cmt

Perfs:	Status
6534-48'	Drinkard - open

OH Interval 6556-6590'  
 4-3/4" hole

Interval Completed: From: 6497' To: 6530'

OPEN HOLE

Initial Production: BOPD: 130

MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_

Initially drilled by Amerada as the J. G. Hare #3 as producer.

Completion Data:

1/8/47: PERF Drinkard f/ 6497-6530'

w/132 holes.

9/17/55: ACDZ w/500 gals acid.

FRAC w/10,000 gals acid petrofrac w/7500#

20/40 sand.

Flowed 47 BOPD & 312 MCFGPD on 10/8/55.

Subsequent Workovers/Reconditionings/Repairs:

12/22/72: ACDZ Drinkard OH w/3000

gals 15% HCL. Convert to water injection.

5/12/76: PERF 5-1/2" csg @ 4445' w/4-3/4"

JHPF. Circ cmt to surface w/700 sx cmt.

Sqzd perfs f/6497-6530' w/225 sx cmt.

6/8/77: Sqzd cmt thief zone. PERF 2-3/16"

holes as follows: 6548', 6544', 6538' & 6534'.

ACDZ w/500 gals 15% HCL.

2/10/82: Back flow well.

9/26/85: Sqzd csg leak f/4400-63' w/200 sx  
cmt.

10/10/85: Sqzd csg leak @ 4445' w/100 sx  
cmt.

12/27/95: ACDZ w/2500 gals 15% HCL.

TD = 6590'

Additional Remarks or Information:

# DRINKARD FIELD

WELL NAME: CENTRAL DRINKARD UNIT #147WI  
 LOCATION: 1980' FWL & 1980' FSL  
 TOWNSHIP: 21S  
 RANGE: 37E

FIELD: DRINKARD  
 SEC: 33  
 COUNTY: LEA  
 STATE: NEW MEXICO

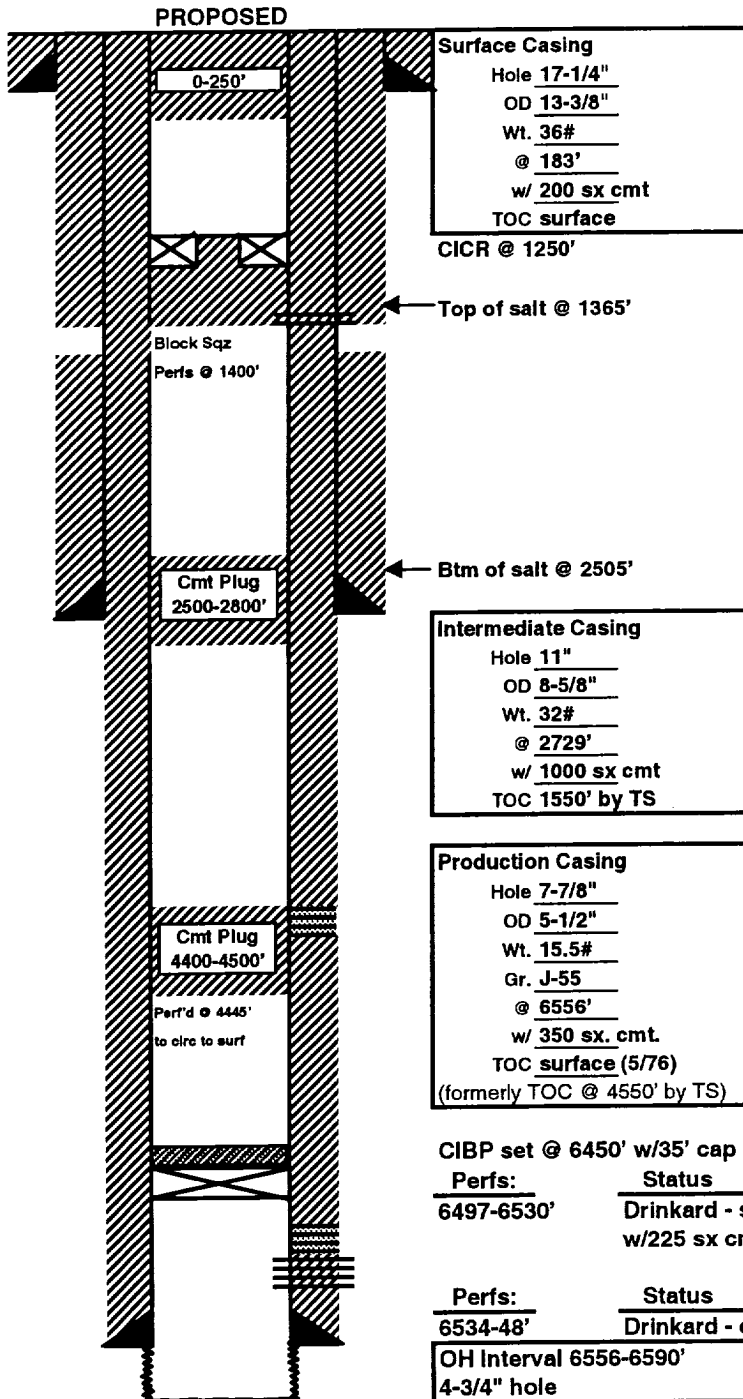
FORMATION: DRINKARD  
 API: 30-025-06963  
 CHEVNO: FA8060  
 STATUS: P&A'd

GE: 3445' KDB to GE: \_\_\_\_\_ DF to GE: \_\_\_\_\_

Spud Date: 11/23/1946

Completion Date: 1/12/1947

Initial Formation: DRINKARD



Interval Completed: From: 6497' To: 6530'

**OPEN HOLE**

Initial Production: BOPD: 130

MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_

Initially drilled by Amerada as the J. G. Hare #3 as producer.

Completion Data:

1/8/47: PERF Drinkard f/ 6497-6530'

w/132 holes.

9/17/55: ACDZ w/500 gals acid.

FRAC w/10,000 gals acid petrofrac w/7500#

20/40 sand.

Flowed 47 BOPD & 312 MCFGPD on 10/8/55.

Subsequent Workovers/Reconditionings/Repairs:

12/22/72: ACDZ Drinkard OH w/3000

gals 15% HCL. Convert to water injection.

5/12/76: PERF 5-1/2" csg @ 4445' w/4-3/4"

JHPF. Circ cmt to surface w/700 sx cmt.

Sqzd perfs f/6497-6530' w/225 sx cmt.

6/8/77: Sqzd cmt thief zone. PERF 2-3/16"

holes as follows: 6548', 6544', 6538' & 6534'.

ACDZ w/500 gals 15% HCL.

2/10/82: Back flow well.

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cmt.

10/10/85: Sqzd csg leak @ 4445' w/100 sx  
cmt.

12/27/95: ACDZ w/2500 gals 15% HCL.

Additional Remarks or Information: \_\_\_\_\_