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

WELL API NO. 30-025-06991

5. Indicate Type of Lease STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name: CENTRAL DRINKARD UNIT

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

8. Well No. 146

3. Address of Operator: P.O. Box 1150 Midland, TX 79702

9. Pool name or Wildcat: DRINKARD

4. Well Location

Unit Letter J : 1909 feet from the SOUTH line and 2051 feet from the EAST line

Section 33 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:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☒	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	PLUG AND ABANDONMENT	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPLETION	☐	CASING TEST AND CEMENT JOB	☐		
OTHER:	☐			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 # 146
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 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 3/8" tubing string. LD tubing string and SN while POH.

3. PU 4 ¾" 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 2725-26' 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 3960'. Spot balanced cmt plug from 3850-3960'. PUH to 3000'. Reverse circulate well clean from 3000' using 9.5 PPG salt gel mud. WOC 2 hrs. LD and tag cmt plug at 3850'. POH with 2 7/8" work string.

6. PU and GIH with 5 ½" pkr on 2 7/8" work string to 2600'. Set pkr at 2600'. Establish pump-in rate into squeeze holes at 2725-26' 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 2725-26, contact Gary Wink at NMOCD to obtain permission for balanced cement plug from 2800-2600' inside 7" csg.**

7. PU and GIH with tbg-set CICR on 2 7/8" work string to 2600'. Set CICR at 2600'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 2725-26'. Hold 300 psi on tbg/csg annulus during sqz job.

8. RU cementing equipment. Cement squeeze perfs 2725-26' 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 2600' using 9.5 PPG salt gel mud. PUH to 1550'. Spot balanced cmt plug from 1450-1550'. PUH to 1000'. Reverse circulate well clean from 1000' using 9.5 PPG salt gel mud. WOC 2 hrs. LD and tag cmt plug at 1450'. Reverse circulate well clean from 1450' using 9.5 PPG salt gel mud. POH with 2 7/8" work string.

10. MI & RU electric line unit. GIH and perforate from 400-01' with 4 JSPF at 90 degree phasing. POH. RD and release electric line unit.

11. PU and GIH with 7" pkr on 2 7/8" work string to 250'. Set pkr at 250'. Establish pump-in rate into perfs 400-01'. Open 13 3/8" surface casing valve and 9 5/8" intermediate csg valve while pumping and attempt to establish circulation to surface. Circulate fresh water to surface at maximum pump rate until returns are clean. POH with 2 7/8" work string and pkr. LD pkr.

12. PU and GIH with tbg-set CICR on 2 7/8" work string to 250'. Set CICR at 250'. Pressure test csg and CICR to 300 psi. Establish pump-in rate into perfs 400-01'. Hold 300 psi on tbg/csg annulus during sqz job.

13. RU cementing equipment. Cement squeeze perfs 400-01' 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 9 5/8" intermediate casing valve open. After achieving final squeeze pressure, close 9 5/8" intermediate casing valve to prevent gas migration.**

14. Sting out of cement retainer. Reverse circulate clean from 250' using fresh water. POH with work string and stinger. LD stinger. SWI overnight for cement to cure.

15. 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 250'. Tag CICR at 250'. Displace fresh water from csg using 9.5 PPG salt gel mud. PUH and spot Class "C" cement plug inside casing from 60' to surface. RD cementing equipment.

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

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

18. Clear and bioremediate well location.

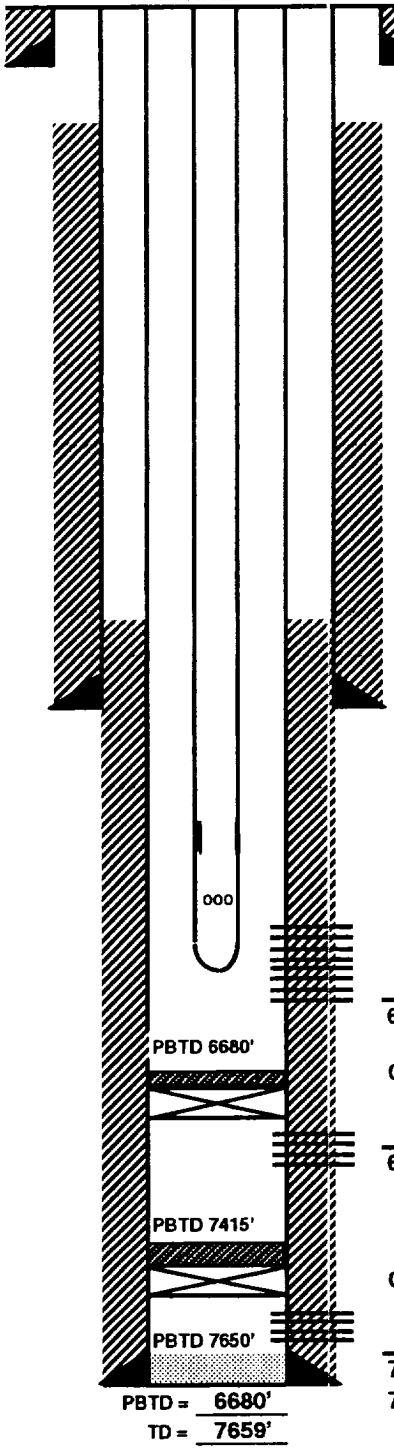
AMH
9/14/2001

DRINKARD FIELD

WELL NAME: CENTRAL DRINKARD UNIT #146 | FIELD: DRINKARD | FORMATION: DRINKARD
LOCATION: 2051' FEL & 1909' FSL | SEC: 33 | API: 30-025-06991
TOWNSHIP: 21S | COUNTY: LEA | CHEVNO: FA8088
RANGE: 37E | STATE: NEW MEXICO | STATUS: SI

GE: 3440' KDB to GE: 10' DF to GE: 11'

CURRENT



PBTD = 6680'
TD = 7659'

Surface casing
Hole 17-1/4"
OD 13-3/8"
Wt. 48#
Gr. H-40
@ 320'
w/ 250 sx cmt
TOC surface

Tubing detail
225 jts 2-3/8" J-55 tbg
EOT landed @ 6539'

Intermediate casing
Hole 12-1/4"
OD 9-5/8"
Wt. 36# & 40#
Gr. J-55
@ 3910'
w/ 1000 sx cmt
TOC 700' by calc

Production casing
Hole 8-3/4"
OD 5-1/2"
Wt. 17#
Gr. J-55
@ 7659'
w/ 1034 sx cmt
TOC 3500' by calc

Perfs:	Status (2-1/2" JHPF)
6504-60'	Drinkard - open

CIBP set @ 6700' w/20' cap

Perfs:	Status
6726-7267'	Wantz Abo- below CIBP

CIBP set @ 7450' w/35' cap

Perfs:	Status
7471-7568'	Ellenburger - below CIBP
7610-7635'	Ellenburger - below CIBP

Spud Date: 2/26/1947
Completion Date: 4/27/1947
Initial Formation: ELLENBURGER

Interval Completed: From: 7471' To: 7635'

Initial Production: BOPD: 436
MCFPD: 523
BWPD:

Initially completed by Magnolia Petroleum as H. Corrigan #4
Completion Data:

4/27/47: **PERF** Ellenburger f/7610-35' (100 ho
ACDZ perfs f/7610-35' w/3000 gals 15% NE ac

Subsequent Workovers/Reconditionings/Repairs:

Operated by Mobil in 1967

12/6/67: **PERF** Ellenburger f/ 7471-76', 7522-29', 7534-36', 7541-44', 7552-57 & 7560- w/ 1" JHPF (36 holes). **ACDZ** w/5000 gals 15% NEA.

4/3/70: Set CIBP @ 7450' w/20 gals hydromite on top. **PERF** Wantz Abo as follows 6726', 6728', 6737', 6739', 6748', 6750', 6759', 6762', 6770', 6774', 6784', 6790', 6808', 6817', 6827', 6839', 6843', 6848', 6854', 6865', 6869', 6882', 6894', 6900', 6907', 6938', 6944', 6952', 6968', 6976', 6984', 6992', 7000', 7008', 7018', 7024', 7030', 7065', 7238', 7244', 7248', 7265', & 7267' w/ 1 JHPF (43 holes). **ACDZ** w/5000 gals 15% NE acid.

7/20/73: Set CIBP @ 6700' w/2 sx cmt on top. **PERF** Drinkard as follows: 6504-08', 6513-17', 6524-28', 6533-37', 6539-43', 6545-49' & 6556-60' w/ 2 1/2" JHPF. **ACDZ** w/8000 gals 15% NE acid.

12/19/76: Dump acid on Drinkard perfs w/ 1000 gals 15% NE acid.

Operated by Gulf in 1981

11/13/81: Dump acid on Drinkard perfs w/ 750 gals 15% NE acid.

3/16/83: Dump acid on Drinkard perfs w/ 750 gals 15% NE acid.

1/20/91: **ACDZ** Drinkard perfs w/ 1000 gals 20% NE acid. **FRAC** w/11,000 gals gel & 18500# 20/40 sand. CO to 6680'.

Additional Remarks or Information:

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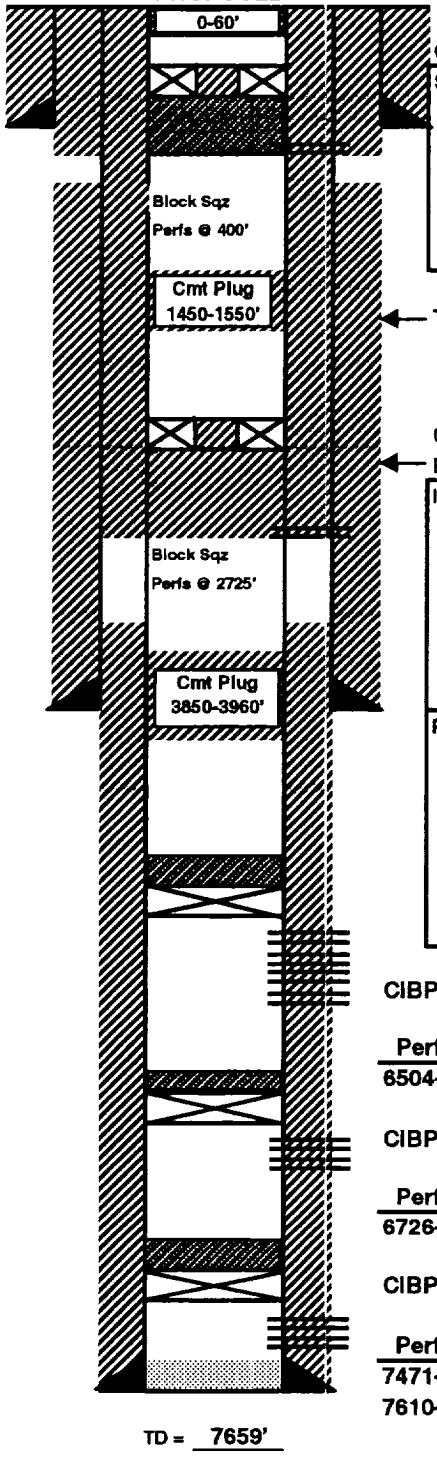
PROPOSED



CICR @ 250'

Surface casing
OD 13-3/8"
Wt. 48#
Gr. H-40
@ 320'
w/ 250 sx cmt
TOC surface

Top of salt @ 1555'

CICR @ 2600'

Btm of salt @ 2622'

Intermediate casing
Hole 12-1/4"
OD 9-5/8"
Wt. 36# & 40#
Gr. J-55
@ 3910'
w/ 1000 sx cmt
TOC 700' by calc

Production casing
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