Submit 1 Copy To Appropriate District Office
District I – (575) 393-6161
1625 N French Dr , Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St , Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd , Aztec, NM 87410
District IV – (505) 476-3460
1220 S St Francis Dr , Santa Fe, NM 87505

HOBBS OCD
OCT 26 2012
RECEIVED

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-103
Revised August 1, 2011

WELL API NO. 30-025-31489

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)

7. Lease Name or Unit Agreement Name
WEST DOLLARHIDE DRINKARD UNIT

1. Type of Well: Oil Well ☐ Gas Well ☐ Other INJECTION

8. Well Number 122

2. Name of Operator
CHEVRON U.S.A. INC.

9. OGRID Number 4323

3. Address of Operator
15 SMITH ROAD, MIDLAND TEXAS 79705

10. Pool name or Wildcat
DOLLARHIDE TUBB DRINKARD

4. Well Location
Unit Letter K : 2055 feet from the SOUTH line and 1981 feet from the WEST line
Section 32 Township 24-S Range 38-E NMPM County LEA

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

12. 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. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
OTHER. REPAIR COMM, CLEAN OUT, PERFORATE ☐		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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

CHEVRON U.S.A. INC. INTENDS TO REPAIR COMMUNICATION, CLEAN OUT & PERFORATE SUBJECT WELL.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELL BORE DIAGRAM & C-144 INFORMATION.

Spud Date: | Rig Release Date: \

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

SIGNATURE Scott Haynes TITLE PERMIT SPECIALIST DATE 10/25/2012

Type or print name SCOTT HAYNES E-mail address: TOXO@CHEVRON.COM PHONE: 432-687-7198

For State Use Only

APPROVED BY: TITLE Dist. Mgr DATE 10-29-2012

Conditions of Approval: The Operator shall give the OCD District office 24 hours notice before work begins

CONDITION OF APPROVAL: Notify OCD Hobbs Office 24 hours prior to running MIT Test & Chart.

OCT 29 2012

Workover Procedure
West Dollarhide Drinkard Unit
Dollarhide Field

WBS # UWDOL – R2308
WDDU 122

API No: 30-025-31489 **08/14/12**
CHEVNO: QU2534

Description of Work: Repair Communication, Clean Out & Perforate

Current Hole Condition:

Total Depth: 7635' PBTD: 6955' GL: 3168' KB: +18'

Casing Record:
11-3/4" 42# csg set @ 1215' w/ 800 sx cmt; circ
8-5/8" 32# csg @ 4200' w/ 1380 sx; circ
5-1/2" 15.5 & 17# csg @ 7635' w/ 1425 sx; circ

Existing Perforations:
Drinkard: 6446-6594'
CIBP @ 6975'
Abo: 7006-7421'

CONTACT INFORMATION:

Jamie Castagno	Production Engineer	Cell: 713-530-8778
Femi Esan	Geologist	Ph: 432-687-7731
Hector Cantu	D&C Engineer	Cell: 432-557-1464
Phillip R Minchew	ALCR	Cell: 432-208-3677
Aaron Dobbs	Production Specialist	Cell: 505-631-9071

REGULATORY REQUIREMENTS:

NOTIFY FMT TO BLEED DOWN WELL AT LEAST TWO WEEKS PRIOR TO THE ESTIMATED RU TIME

Prepared by: Jamie Castagno (08/15/12) Reviewed by: Hector Cantu (8/22/12)

PROCEDURE:

1. **Notify NMOCD 48 hours prior to RU.**

2. Ensure location is in appropriate condition, anchors have been tested within the last 24 months, power line distance has been verified to determine if variance is needed.

3. Check and record SITP and SICP on wellview. Determine kill mud weight. RU slickline, run a gauge ring and attempt to set a 1.81" blanking plug. Pressure test tubing to 1000 psi. Hold for 15 minutes to determine if leak is in tubing. Bleed off pressure.

4. MIRU pulling unit and reverse unit.

- **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

5. ND WH. NU 5K BOP with blinds in bottom and 2-3/8" pipe rams in top.

6. Release on/off tool. LD 2 top joints. PU/RIH packer and set it ~ 25'. Test BOP pipe rams to 250 psi/1000 psi. Release and LD packer. PU/RIH 2 top joints back in the hole. POOH scanning all 2-3/8" injection tubing. Plan to replace on/off tool and injection packer. LD any bad joints (green and red). MIT failure is suspected to be a tubing leak.

7. Close blind rams. Change pipe rams from 2-3/8" to 2-7/8". PU/RIH with packer and set it ~ 25'. Test 2-7/8" pipe rams to 250/1000 psi. Release and LD packer.

- **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

8. PU/RIH with on/off tool, perforated sub to equalize on 2-7/8" L80 6.5# WS. Latch on to lockset packer and release it. POOH and LD packer and perforated sub.

9. PU/RIH with 4-3/4" MT bit, 3-1/2" DC's on 2-7/8" WS. RIH and tag for fill (note fill depth on report). Fill is expected above perforations @ 6388'. PU power swivel and C/O to PBTD (6955') and circulate well clean.

   Note: Inspect returns and turn samples to Baker Chem Rep & ALCR for analysis and treatment recommendation. If there is evidence of sulfate scale, scale converter will be spotted.

10. POOH and LD bit and DC's.

11. MIRU wireline. Install lubricator for pressure control. RIH with guns and perforate the following interval with 2 SPF, 3-1/8" guns 120 phasing **(correlate with logs attached)**:

    Drinkard: 6613-22' (9'), 6648-58' (10'), 6665-72' (7'), 6732-55' (23'), 6761-67' (6')

    Ensure that fluid level is at least 100' above perforations

12. POOH and LD perforating guns. RDMO perforating wireline.

- **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

13. PU/RIH 5-1/2" treating packer on 2-7/8" 6.5# L80 WS hydrotesting tubing in the hole. Set packer at 6380' (~10' above previous packer depth). Load and test casing to 500 psi.

14. MIRU acid contractor. Monitor casing pressure throughout acid job. Bleed off if pressure exceeds 500 psi during acid job. RU choke manifold to flowback tank. Acidize perforations (6446 - 6767') with 4,000 gals NEFe 15% HCl in 2 stages dropping *graded rock salt* (GRS) between stages to divert at 1-2 PPG. Flush to bottom perf @ 6767'. **Maximum pumping pressure is 5500 psi. Set pop-off in pump to less than 5500 psi.**

15. Record ISIP, 5, 10, & 15 minute SIP's. Allow acid to spend 2 hours. Flow well back on a choke.

16. Flow or swab back to recover acid volume. Kill tubing with 10 ppg brine if necessary. Report acid volumes and pressures on morning wellview report. Release packer. POOH standing back and LD packer.

17. PU/RIH with notched collar to wash out salt with fresh water. POOH.

- **Caliper elevators and tubular EACH DAY prior to handling tubing/tools. Note in JSA when and what items are callipered within the task step that includes that work.**

18. PU/RIH with new 5-1/2" AS-1X nickel-coated IPC as injection packer, with pump-out plug (rated 1500#), on/off tool with 1.5" 'F' stainless-steel profile nipple on 2-7/8" workstring. Set injection packer @ +/- 6380' (~10' above previous packer depth). Test casing to 500 psi for 5 minutes. Release on/off tool.

19. POOH and LD 2-7/8" WS.

20. Close blind rams. Change pipe rams from 2-7/8" to 2-3/8". PU/RIH with packer and set it ~ 25'. Test 2-3/8" pipe rams to 250/1000 psi. Release and LD packer.

21. PU/RIH with good 2-3/8" 4.7# J-55 IPC injection tubing. RIH hydrotesting all tubing to 6000 psi. Load tubing. Disengage on/off tool, reverse circulate packer fluid. Engage back on/off tool. Perform preliminary MIT testing to 500 psi for 30 minutes.

22. ND BOP, NU WH.

23. Pump down tubing to shear-off pump-out plug.

24. Conduct MIT (mechanical integrity test). Pressure test casing to 500 psi and record chart for 30 minutes. **Notify NMOCD of MIT with 4 hours advance notice with rig on well.**

25. RDMO. Turn over well to operations (contacts on first page).

WELL DATA SHEET

LEASE: West Dollarhide Drinkard WELL: 122

LOC: 2055' F S L & 1981' F W L SEC: 32

TOWNSHIP: 24S CNTY: Lea

RANGE: 38E UNIT: K ST: N.M.

FORM: Drinkard DATE: 4/1/2004

State Lease # B-9613

GL: 3168' STATUS: Active Wtr Inj.

KB: 3186' API NO: 30-025-31489

DF: CHEVNO: QU2534

Spud: 12/11/1992

Date Completed: 1/24/1993

Initial Production: NA - Injector

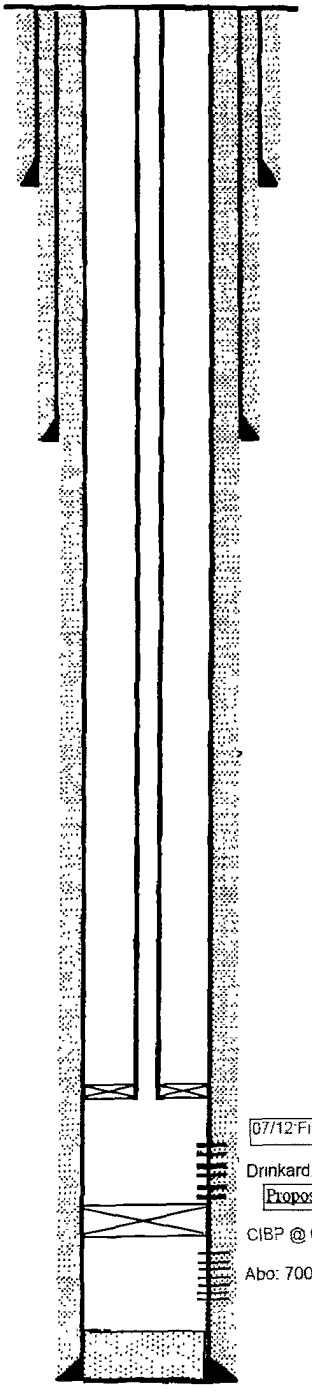
Initial Formation: Dollarhide-Tubb

FROM: 6446' to 6594'

11-3/4" OD
42# Csg
Set @ 1215' W/ 800 SX
Cmt circ.? Yes
TOC @ Surface
14-3/4"

8-5/8" OD
32# CSG
Set @ 4200' W/ 1380 SX
Cmt circ.? Yes
TOC @ Surface by CIRC
11" hole

5-1/2" OD
15.5 & 17 # CSG
Set @ 7635' W/ 1425 SX
Cmt circ.? Yes
TOC @ Surface by CIRC
7-7/8" hole



07/12 Fill tagged @ 6388

Drinkard, 6446 - 6594'

Proposed Perfs: 6613-22', 48-58', 65-72', 6732-55', 61-67' w/ 2 JSPF(55')

CIBP @ 6975' w/ 20' of cmt

Abo: 7006-7421' Below CIBP

Completion Data

Perfs: 6446'-6594', 2 JHPF & 88 Holes
Acdz w/5200 gals 15% NE

Subsequent Workover or Reconditioning:

Additional Data:
T/Yates @ 2680'
T/Tubb @ 5030'
T/Drinkard @ 6412'

Tubing in Hole: 1/15/1993

Footage	Joints	Type
6367.00	194	2-3/8" IPC Tbg
2.00	1	On/Off Tool w/ 1.81" Profile
4.00	1	Lockset Packer @ 6385
6373.0		Total Tubing String
16.00		KB
6389.0		Final HD

printed: 4/5/2004

PBTD: 6955'
TD: 7635'

Created by: chay 4-1-04