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
MAY 07 2013
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. 30-025-31488	
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 INJECTOR	8. Well Number 121
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 E : 2176 feet from the NORTH line and 656 feet from the WEST line Section 32 Township 24S Range 38E 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: CLEAN OUT, RE-PERF & PROP STIM ☐		OTHER ☐	

Per Underground Injection Control Program Manual 11.6 C Packer shall be set within or less than 100 feet of the uppermost injection perfs or open hole.

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 clean out acidize & sand frac stimulate subject well.

Please find attached the intended procedure, well bore diagram and C-144 w/info.

Condition of Approval: notify OCD Hobbs office 24 hours prior of running MIT Test & Chart

The Oil Conservation Division MUST BE NOTIFIED 24 Hours Prior to the beginning of operations

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 05/06/2013

Type or print name Scott Haynes E-mail address: toxo@chevron.com PHONE: 432-687-7375

For State Use Only

APPROVED BY: TITLE Dist. Mgr DATE 5-14-2013

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

MAY 20 2013

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

Workover Procedure
West Dollarhide Drinkard Unit
Dollarhide Field

WBS # UWDOL – R3277
WDDU 121

API No: 30-025-31488 **03/07/13**
CHEVNO: QU2184

Description of Work: Clean Out Fill, Re-perf & Propellant Stimulate

Current Hole Condition:

Total Depth: 7500' PBTD: 6830' GL: 3150' KB: +13'

Casing Record:
11-3/4" 42# csg set @ 1200' w/ 700 sx class 'C' cmt; TOC @ surf
5-1/2" 15.5 & 17# WC-50 & L-80 set @ 7500' w/ 2500 sx cmt; TOC @ 1100 by TS

Tubing Record:
193/197 - 2 3/8" Inj Tbg (6370')
1 - On/Off Tool w/ 1.25 profile
1 – Loc-Set Nickle Plated WIW Pkr (5')

Existing Perforations:
Drinkard: 6441-6574'
Proposed Perforations:
Drinkard: 6493-6505 (12'), 6516-34' (18')
Abo: 6649-70' (21'), 6675-84' (9'), 6721-33' (12'), 6737-65' (28')

CONTACT INFORMATION:

Jamie Castagno	Production Engineer	Cell: 432-530-5194
Femi Esan	Geologist	Ph: 432-687-7731
Jonathan Paschel	D&C Engineer	Cell: 432-687-7512
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 (03/07/13) Reviewed by: Jonathan Paschel (4/6/13)

PRE-WORK:

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

2. Complete the rig move checklist.

3. 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 and RUMS are necessary.

4. When NU anything over and open wellhead (EPA, etc) ensure the hole is covered to avoid anything downhole.

5. Review H2S calculations in H2S tab included.

6. Any equipment installed at the wellbore, including wellhead (Inside Diameter), is to be visually inspected by the WSM to insure no foreign debris or other restrictions are present.

PROCEDURE:

7. Prior to rig up check tubing pressure and record.

8. MIRU pulling unit and surface equipment.

9. This well has slickline tools in the hole and an obstruction above the packer. Bleed off pressure and monitor tubing and casing to ensure well is isolated and dead. If possible slowly pump 10# brine to put tubing on a vacuum. Otherwise monitor well for 30 minutes to ensure it is stable.

    - There is a possibility for the junk to fall into the wellbore. This will intensify the difficulty of this job, so try to avoid pumping to fast or working the tubing to hard.

    - Fish Details:

    - Bottom of fish-6375'.
    - 10-15' of line
    - 1' 1-1/4" Rope Socket (1-3/16" FN)
    - 3' 1-1/4" weight bar (1-3/16" FN)
    - 5' 1-1/4" weight bar
    - 6" 1-1/4" Knuckle Joint
    - 4-7' 1-1/4" spang jars (20" stroke)
    - 3' 1-1/4" weight bar

10. R/D wellhead, install a 10' tubing sub w/ TIW on top. N/D wellhead and N/U 5K BOP w/ blind rams on bottom and 2-3/8" pipe rams on top.

11. Perform a pressure test on the BOP against the injection packer to 250/500 psi for 30 minutes as a preliminary casing test. Notify RE if test fails indicating possible casing leaks among other issues.

12. R/U wireline perforators. Perforate tubing above the stuck tools (~6345'). Be prepared for fluid U-tube. TOH and rig down perforators.

13. Circulate out packer fluid w/ kill weight fluid.

14. Release packer and kill well if necessary.

- **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.**

15. POOH/ LD all 2-3/8" injection tubing. Plan to replace all tubing, on/off tool and injection packer.

16. Close blind rams. Change pipe rams from 2-3/8" to 2-7/8". PU/RIH with 5-1/2" 15.5-17# rated tension set 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.**

17. PU/RIH with 4-3/4" MT bit on 2-7/8" WS. RIH and tag for fill (note fill depth on report). Fill is expected above perforations @ 6370'. PU power swivel and C/O to PBTD (6830') and circulate well clean.

- **Well has known bad casing 6495-6525'. Recovered formation in returns during cleanout in 1999.** Attempt to clean out down to PBTD, but discuss plan forward with RE if cmt or formation begin showing in returns.

  Note: Inspect returns and turn samples to Baker Chem Rep & ALCR for analysis and treatment recommendation.

18. POOH and LD bit.

- **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.**

19. MIRU perforating contractor. Conduct safety meeting, set up an exclusion zone and insure all electronic devices are turned off. Install lubricator and test to 1000psi. RIH w/ guns and perforate the following intervals w/ **6 JSPF**, 3-1/8" gun slick gun, .40 entry hole, 60 deg phasing. Correlate with attached CCL dated 07/1993.

    Drinkard: 6493-6505 (12'), 6516-34' (18')

    Abo: 6649-70' (21'), 6675-84' (9'), 6721-33' (12'), 6737-65' (28')

    Ensure that fluid level is at least 100' above perforations

20. POOH/LD perforating guns.

21. Load 3-3/8" propellant guns. RIH w/ guns and complete propellant treatment in 5 runs as per attached procedure [Only stimulating 6493-6505 (12'), 6516-34' (18'), 6649-70' (21'), & 6737-65' (28')]. Correlate with attached gamma log dated 07/1993.

    Ensure that fluid level is 2000' above perforations if possible (10# brine). Fluid must also be more than 100' from the wellhead. Do not proceed if these conditions are not met.

- **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.***

22. TIH with new 5-1/2" AS-1X nickel-coated IPC injection packer, with pump-out plug (rated 1500#), on/off tool with 1.43" 'F' stainless-steel profile nipple on workstring w/ perforated sub on bottom. Set top of injection packer @ +/- 6375' (~10' above previous setting depth as tallied out). Load tubing and casing. Perform preliminary MIT testing to 500 psi for 30 minutes. Circulate well w/ packer fluid. Release On/Off tool and POOH w/ workstring.

    - If well has been dead throughout the workover, the injection packer can be set on injection tubing. Consult w/ RE if desired.

23. Close blind rams. Change pipe rams from 2-7/8" to 2-3/8". Open blind rams killing well if necessary. PU/RIH with new packer and set it ~ 25'. Test 2-3/8" pipe rams to 250/1000 psi.

24. TIH w/ On/Off tool and new 2-3/8" J55 4.7# TK15 tubing hydrotesting to 5000#, space out, and latch back onto on/off tool.

25. ND BOP, NU WH. Pump down tubing to shear-off pump-out plug.

26. Conduct MIT (mechanical integrity test). Pressure test casing to 500 psi and record chart for 30 minutes. **Notify BLM/NMOCD of MIT with 4 hours advance notice with rig on well. Test for H-5. Send original chart to ALCR and keep copy for well file.**

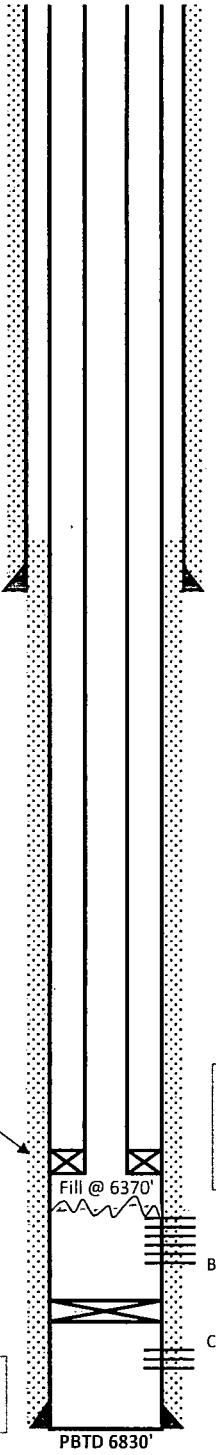
27. RDMO. Turn over well to operations (contacts on first page).

West Dollarhide Drinkard # 121

Location:
2176' FNL & 656' FWL
Section: 32
Township: 24S
Range: 38E Unit: E
County: Lea State: NM

Well ID Info:
Chevno: QU2184
API No: 30-025-31488
Compl. Date: 7/27/93

Elevations:
GL: 3150'
KB: 3163'
DF:



Initial Completion

Perf ABO 6894-7338', Acdz w/ 6000 gal HCl. Trace oil. Set CIBP @ 6850'. Perf DRKD 6465-6574'. Acdz w/ 5000 gal 15% HCl

Subsequent Workovers

01/1994 Acdz DRKD w/ 5000 gal 15% & 2250# GRS.

05/1999 C/O fill f/ 6452-6820'. Rec'd formation & hard drlg. 6495-6525' possible bad casing. Re-perf DRKF 6441-6461'. Acdz w/ 6500 gal 15% & 3000# GRS. RTI.

07/2012 TD Check tagged fill @ 6370'.

11-3/4" 42# csg set @ 1200' w/ 700 sx class 'C' cmt; TOC @ surf

Tubing Detail

194 - 2 3/8" Poly Lined Tbg (6393')

1 - O/O Tool w/ 1.25" F Profile (.50')

1 - Loc/Set Nickle Plater WIW Pkr (3/5')

KB +13'

FHD @ 6379'

Pkr set at 6379'

Proposed Perfs:
Drinkard: 6493-6505 (12'), 6516-34' (18')
Abo: 6649-70' (21'), 6675-84' (9'), 6721-33' (12'), 6737-65' (28')

Fill @ 6370'

Re-Perf (05/99): 6441-6461' w/ 2 JSPF
Drinkard: 6465-6574' w/ 4 JSPF (260 holes)
Bad Csg @ 6495-6525'

CIBP @ 6850' w/ 20; cmt on top
Abo: 6894-7338' w/ 2 JSPF (144 holes)

5-1/2" 15.5 & 17# WC-50 & L-80 set @ 7500' w/ 2500 sx cmt; TOC @ 1100 by TS

PBTD 6830'
TD 7500'

Updated:12/13/2012
by jxxf