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

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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. 30-025-12353	
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	8. Well Number 74
2. Name of Operator CHEVRON U.S.A. INC.	9. OGRID Number 4323
3. Address of Operator 15 SMITH ROAD, MIDLAND XT 79707	10. Pool name or Wildcat DOLLARHIDE TUBB DRINKARD
4. Well Location Unit Letter C : 667 feet from the NORTH line and 631 feet from the EAST line Section 4 Township 25-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: AMENDMENT ★ ☐		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. WOULD LIKE TO AMEND THE PREVIOUSLY SUBMITTED INTENDED PROCEDURE.

PLEASE FIND ATTACHED THE NEW PROCEDURE, WELL BORE DIAGRAM, AND C-144 & INFO

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 10/31/2012

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 11-5-2012

Conditions of Approval (if any):

NOV 05 2012

Workover Procedure
West Dollarhide Drinkard Unit
Dollarhide Field

WBS # UWDOL – R2312
WDDU 74

API No: 30-025-12353 **08/03/12**
CHEVNO: FB3290

Description of Work: Cleanout, Acidize and Sand Frac stimulate the Tubb/Drinkard

Current Hole Condition:

Total Depth: 6890' PBTD: 6632' (RBP) GL: 3158' KB: +13'

Casing Record:

10-3/4" 32# H-40 8RD SS csg, set @ 304' w/ 150 sx cmt, circ'd
7" 23# J-55 & N-80 8RD SS csg set @ 6252' w/ 1350 sx cmt in 2 stgs; TOCs@ 2825' & 290' (?) by 2 TS's [DV Tool @ 1227']
NOTE: Perf'd liner @ 5205' & pumped 100 sx cmt when setting liner
5" 13# 8RD LT&C J-55 & K-55 Liner set @ 6890' w/ 225 sx cmt; circ'd. TOL @ 5174'

Existing Perforations:

Tubb: 6210-6266'
Drinkard: 6446-6627'
Set RBP @ 6632' on 01/97
Upr Abo: 6660-6770'

REGULATORY REQUIREMENTS: N/A

CONTACT INFORMATION:

Jamie Castagno	Production Engineer	Cell: 432-530-5194
Femi Esan	Geologist	Ph: 432-687-7731
Hector Cantu	Completions Engineer	Cell: 432-557-1464
Phillip R Minchew	Production Foreman	Cell: 432-208-3677
Aaron Dobbs	Production Specialist	Cell: 505-631-9071

Prepared by: Jamie Castagno (08/03/12) Reviewed by: Hector Cantu (8/16/12)

This procedure is meant to be followed. It is up to the WSM, Remedial Engineer and Production Engineer to make the decisions necessary to do it safely and do what is best for the well. In the extent that this procedure does not reflect actual operations, please contact RE, PE and Superintendent.

1. Complete rig move checklist. Check road, ensure anchors have been tested in the last 24 months, and verify powerline for need of variance ahead of time.
2. MIRU. Bleed well down or kill as necessary. Record SICP and SITP. TOOH/LD rods & pump. Plan to replace pump and bad rods.

➢ **Caliper elevators and tubular EACH DAY prior to handling tubing/tools and anytime size changes.**

3. Kill well and monitor. ND wellhead. Release TAC, NU dual Hydraulic BOP with blind rams on bottom and 2-7/8" pipe rams on top, NU Annular BOP for tapered string. LD 1 joint, PU/RIH with 5-1/2" packer and set it ~ @ 25', test BOP pipe rams to 250 psi/ 1000 psi. Note testing pressures on wellview report. Release and LD packer.
4. POOH scanning 2-7/8" production tubing per attached tubing detail. **Caliper elevators and tubular EACH DAY prior to handling tubing/tools.** Tally out with tubing and LD bad joints (green and red).
5. PU/RIH with 4-1/4" MT bit, 3" DC's on 2-3/8" L80 4.6# tubing (enough to cover the 5" interval), 2-3/8" 8RD x 2-7/8" 8RD XO and 2-7/8" good production tubing. Tag and record fill depth. PU power swivel, C/O to top of RBP (6632') and circulate well clean. **Recover and send samples in a timely manner to Baker Chemical rep and ALCR for analysis (if possible at location). Discuss treatment recommendation with Chemical rep and ALCR.**

   Note: If it's required to spot scale converter for HCL Acid solubility discuss with Remedial Engineer to perform additional run prior to Acid job.

6. POOH LD bit and BHA.
7. RBP @ ~ 6632' **Dump bail 35' (29 gallons) of cement on top of RBP per Elido Gonzales (NMOCD) requirements leaving TOC ~ 6597'**. POOH wireline, RDMO wireline unit.
8. PU/RIH with 5" treating packer on 2-3/8" L80 4.6# tubing (enough to cover the 5" interval), 2-3/8" 8RD x 2-7/8" 8RD XO and good 2-7/8" production tubing hydrotesting in the hole. Spot scale converter mixed with equal amounts water across all perfs per Chemical rep recommendation. Set PKR @ ~ 6200'. Load backside and pressure test to 500 psi.
9. Swab or flow back to recover 100% of treatment and load volumes, if possible. Kill tubing if necessary.
10. MIRU acid contractor. RU choke manifold to flowback tank. Test lines and equipment to 6000 psi. Pressure up backside to 500 psi. Monitor casing pressure throughout acid job. Bleed off if casing pressure exceeds 500 psi. **Set pop-off valve to less than 5500 psi. Maximum surface pumping pressure of 5500 psi.**
11. Acidize perforations from 6210'-6593' with 8,000 gal 15% NEFe HCl dropping GRS between stages to divert at 1-2 PPG.
12. Flush tubing to bottom perforations. SI well for 2 hours allowing acid to spend. Record ISIP, 5, 10, & 15 minute SIP's.
13. Swab or flow back to recover 100% of treatment and load volumes, if possible. Kill tubing if necessary. Report acid volumes and pressures on morning wellview report.

14. Release treating packer, POOH and LD packer. PU/RIH with notched collar and C/O any rock salt to PBTD (6595'). Circulate well with fresh water to dissolve remaining GRS. POOH/LD tubing.
15. Close blind rams. Change 2-7/8" pipe rams to 3-1/2" pipe rams. Test BOP pipe rams to 250 psi/ 1000 psi. ND Annular BOP.
16. PU/RIH with 10K 5" AS-1X treating packer, on-off tool, hardened profile nipple, (2) 2-7/8" L80 6.5# blast joints, 2-7/8" 8RD x 3-1/2" 8RD XO and the rest of 3-1/2" 9.3# L-80 workstring. Hydrotest tubing to 8000 psi while RIH. **Set packer at ~ 5230' isolating the previous perforation and leaving the 3-1/2" tubing inside the 7" casing**. Pressure test annulus to 500 psi. Nipple up 10K tubing saver frac valve to BOP. Test frac valve to 8500 psi.
17. RDMO pulling unit.
18. Prior to job, verify compatibility of all frac fluids to reservoir fluids at temperature of 135° F and perform sand sieve analysis for sand distribution. Send results to Production and Remedial Engineers.
19. RU flowback crew if location permits. MIRU frac equipment. Install pop-off valves downstream of SLB check valve with manually operated valve below pop-off. Test all service company pressure shutdowns on each pump truck and surface lines to 8000 psi. **Set pop-off in pump to less than 8,000 psi. Install pop-off on 7" x 3-1/2" annulus and set to 500 psi. Pressure up to 300 psi and monitor during frac job.**

    Note: Frac proposal is to include scale inhibitor ahead of the pads.
20. Establish pump rate into perforations with fresh water. Complete sand fracture treatment as per attached SLB procedure.

DO NOT OVERDISPLACE (EVEN TO TOP PERF) UNDER ANY CIRCUMSTANCES.

21. RDMO SLB. SION to allow sand to cure.
22. Flow back well through choke manifold until well dies.
23. MIRU pulling unit. Test 3-1/2" pipe rams to 500 psi against packer.
24. ND frac valve. Release packer. POOH and lay down 5" packer, 3-1/2" and 2-7/8" WS.
25. Close Blind rams. Change 3-1/2" to 2-7/8" pipe rams. Open blind rams. PU/RIH and set packer @ ~ 25' to test 2-7/8" pipe rams to 250 psi / 1000 psi. Release and LD packer.

- **Caliper elevators and tubular EACH DAY prior to handling tubing/tools and anytime size changes.**

26. PU/ RIH with 4-1/4" MT bit, 3" DC's on 2-3/8" L80 4.6# tubing (enough to cover the 5" interval), 2-3/8" 8RD x 2-7/8" 8RD XO and good 2-7/8" production tubing. Tag top of sand and drill out any sand that has set up in wellbore to PBTD. Circulate well clean. POOH and LD bit and BHA.
27. PU and RIH with production tubing as per ALCR recommendation.
28. ND BOP, set TAC per ALCR recommendation and NU WH.
29. RIH with rods, weight bars and pump per ALCR recommendation. RDMO pulling unit
30. Turn well over to production (see contacts on first page of procedure).

WELLBORE DIAGRAM WDDU 74

FIELD West Dollarhide Drinkard Unit		Well No 74	FORMATION: DRKD, ABO
LOC 667' FNL & 631' FEL	Sec 4	GR 3158 26'	CURRENT STATUS. OIPR
TOWNSHIP 25S	Cnty Lea	KB 13 24'	API NO 30-025-12353
RANGE 38E	State NM	DF	Chevno: FB3290

SPUD 03/21/1953

Date Completed 05/17/1953	Initial Production
Initial Formation Tubb/Drinkard	357 BO, 571 Mcf, 15 BW
FROM 6520' TO: 6890'	1599 GOR, 37 Grav

Initial completion:
Completed OH Acidized w/ 14k gal 15% Acid

Subsequent workovers:

08/28/1974 Repair csg leak Mill out collapsed csg @ 5851' Sqzd hole @ 5451' w/ 200 sx Tagged fill @ 6852'

03/05/1975 Tbg stuck @ 5883' Cut tbg Swedge through tight spot @ 5860-61' Could not recover fish

07/08/1975 Run Liner TOF @ 5860' Cut over fish f/ 5827-5882' RIH w overshot, recover 20' of fish Latch on fish @ 6000', could not move Latch on to fish again, recover 22 jts RIH and tag fill @ 6726' C/O to TD @ 6890' Ran 5" liner f/ 5174-6890' DO cmt f/ 5014-5129' (no cmt @ TOL) TOL did not hold pressure - perf hole @ 5205' & pump 100 sx cmt Tested ok Perf Drkd 6465-6627' & Abo 6660-6770' Acidize w/ 10k gal 15%

02/19/1982 Acid Job C/O crystal gypsum fill 6462-6557', circ clean Acidize w/ 2k gal 15% & 3 drums scale inhibitor

11/26/1985 Tbg stuck, came free after 6 hours D/O scale & iron sulfide 6433-6646' **Con't D/O to 6746', saw pieces of iron & threads in returns.** D/O iron & scale to PBTD @ 6840' Acidize w/ 2 5k gal 15% & 500# GRS

03/07/1988 Acidize w/ 5k gal 15% & 750# GRS

01/03/1997 Tag fill @ 6822' Perf Tubb zone 6210-6266' Re-perf Upr Drinkard 6446-6464'. Ream out tight spot 6636-6637' Acidize w/ 6 3k gal acid. **Set RBP @6632' (above Upr Abo).**

06/19/2010 Pull rods & tbg Replace pump

Rod Detail: 6/22/2010

Footage	Joints	Type
26 00	1	1 5" Polished Rod
16 00	3	1 5" Rod Subs (2', 6', & 8')
2350 00	94	1" Grade 78 Rods
2100 00	84	7/8" Grade 78 Rods
1850 00	74	3/4" Grade 75 Rods
225 00	9	1 5" Sinker Bars
25 00	1	1 5" Rod Pump @ 6567'

10-3/4" 32# H-40 8RD SS csg, set @ 304' w/ 150 sx cmt, circ'd

DV Tool @ 1227'

Tubing in Hole 6/21/2012

Footage	Joints	Type
5010 17	158	2-7/8" 6 5# J-55 Tbg
2 32	1	7" X 2-7/8" TA C @ 6490' (@ 5,020')
1522 04	48	2-7/8" 6 5# J-55 Tbg
30 00	1	2-7/8" 6 5# L-80 Tbg
0 85	1	2-7/8" SN
34 28	1	2-7/8" 6 5# J-55 Tbg
6599 7		Total Tubing string
13 00		KB
6612 7		Final HD

7" 23# J-55 & N-80 8RD SS csg set @ 6252' w/ 1350 sx cmt in 2 stgs, TOCs @ 2825' & 290' (?) by 2 TS's

5" 13# 8RD LT&C J-55 & K-55 csg set @ 6890' w/ 225 sx cmt, circ'd TOL @ 5174'

Perf'd 5" liner @ 5205', pumped 100 sx cmt (03/75)

Tubb (01/97) 6210-66' w/ 2 JSPF (112 holes)
Re-Perf Drinkard (01/97) 6446-64' w/ 2 JSPF (36 holes)
Drinkard 6465-69', 73-77', 84-87', 90-94', 6502-06', 09-12', 17-25', 34-38', 54-59', 66-73', 77-80', 84-87', 90-93', ~~6600-03', 13-19', 24-27'~~ w/ 2 JSPF (134 holes)
RBP @ 6632' (01/97) **w/ 35' cmt on top (NEW PBTD = 6597')**
Tight spot @ 6636-37'
Upr Abo 6660-64', 67-73', 78-82', 92-94', 97-6702', 05-08', 14-17', 22-25', 28-32', 38-42', 48-50', 53-56', 60-63', 67-70' w/ 2 JSPF (98 holes)

PBTD 6846'
TD 6890'