

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 09 2012

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

WELL API NO. 30-025-30825
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name WEST DOLLARHIDE DRINKARD UNIT
8. Well Number 103
9. OGRID Number 4323
10. Pool name or Wildcat DOLLARHIDE TUBB DRINKARD

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 ☐

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

3. Address of Operator
15 SMITH ROAD MIDLAND TX 79705

4. Well Location
Unit Letter J : 2577 feet from the SOUTH line and 2150 feet from the EAST line
Section 32 Township 24S Range 38E NMPM LEA County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3199 GR

12. 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 COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: SQUEEZE CASING LEAK, & ACIDIZE ☒

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. INTENDS TO FIND AND SQUEEZE CASING LEAK IN SUBJECT WELL & ACIDIZE.

PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELL BORE DIAGRAM & 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 10/05/2012

Type or print name SCOTT HAYNES E-mail address: toxox@chevron.com PHONE: 432-687-7198

For State Use Only

APPROVED BY: [Signature] TITLE DIST. MGR DATE 10-10-2012
Conditions of Approval (if any):

OCT 10 2012

PROCEDURE:

1. 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.
2. Verify wellhead equipment in WellView, if applicable. Ensure the procedures address any equipment limitations or if wellhead isolation equipment will be called for.
3. Ensure that the entire job package has been sent to the WSM/DSM on location and that they have received it and can open/print the procedure.
4. Confirm that the most recent job procedure is being executed on location.
5. Notify NMOCD 48 hours prior to RU.
6. MIRU. Record SICP and SITP. Bleed well down or kill as 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.**
 - **When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.**
7. **Rods were removed from well and set to the FMT yard for storage. ND WH. Attempt to release TAC. NU 5K BOP with blinds in bottom and 2-7/8" pipe rams in top. If TAC can't be released, MIRU wireline. RIH with a gauge ring and perform a free point to identify stuck depth. RIH with chemical cut and cut tubing body above stuck point. Attempt to cut tubing below TAC to unset it. RDMO slickline.**
 - **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. Once TAC is release. 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.
9. POOH/LD scanning recovered production tubing. Replace all bad joints (green and red).
 - **Production tubing was last scanned on 2009. If tubing is consistently scanning in bad conditions. Plan to replace all tubing and stop scanning out.**
 - **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.**
10. Plan to fish. Consult with Superintendent, Workover Engineer and Fisherman for best recommendation. PU/RIH with overshot (grapple for 2-7/8" body), bumper sub, jar, DC's on 2-7/8" 6.5# L80 workstring. Latch onto fish. Retrieve fish out of the hole.

11. Once fish is removed from well, perform a clean out run. PU/RIH with 4-3/4" MT bit, 3-1/2" DC's on 2-7/8" WS down to ~ 6100'.
 12. PU/RIH with 5-1/2" TS RBP and 5-1/2" packer in tandem on 2-7/8" 6.5# L80 WS. *Have pup joint in between RBP and packer.* Set RBP above perfs @ ~ 6100'. Set packer above RBP and test it to 500 psi. Release packer, POOH halfway to ~ 3000' and set packer. Pressure test casing above and below packer to 500 psi and narrow down leak interval. **Monitor braden head surface valve during the test.**
 13. Isolate casing leak interval(s). Determine leak off rates and pressures – communicate results to Remedial Engineer for a squeeze design and supplemental procedure.
 14. POOH and LD testing packer. Dump sand on top of RBP.
 15. **Consult Workover Engineer. Follow supplemental procedure. Squeeze casing leak per design.**
 16. After casing leak is repaired and drilled out, RIH with retrieving tool, wash sand off top RBP. Release, POOH and LD RBP. RIH to retrieve bottom RBP. POOH and LD RBP.
 17. 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). PU power swivel and C/O to PBTD (6637') and circulate well clean.
- **Expect bad casing 6600-6637'.**
- 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. Pump scale converter down bit per Baker recommendations and swab back after pumping.**
18. POOH and LD bit and DC's.
 19. PU/RIH w/ 5-1/2" treating packer on 2-7/8" WS testing to 6000 psi. Set packer at 6125'. Test casing to 500 psi.
 20. 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 (6166-6634') with 10,000 gals NEFe 15% HCl in 4 stages dropping *graded rock salt* (GRS) between stages to divert at 1-2 PPG. Flush to bottom perf @ 6634'. Maximum pumping pressure is 5500 psi. Set pop-off in pump to less than 5500 psi.
 21. Record ISIP, 5, 10, & 15 minute SIP's. Allow acid to spend 2 hours. Flow well back on a choke.
 22. 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.
 23. PU and 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.**

24. PU 5-1/2" treating packer on tubing. Pump and flush scale inhibitor per Baker recommendations.

25. Release packer. POOH/ LD 2-7/8" WS and 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.**

26. PU and RIH with production tubing as per ALCR recommendation.

27. ND BOP, set TAC per ALCR recommendation and NU WH.

28. RIH with rods, weight bars and pump per ALCR recommendation. RDMO pulling unit

29. Turn well over to production (see contacts on first page of procedure).

WEST DOLLARHIDE DRINKARD UNIT #103

FIELD: West Dollarhide Drinkard Unit

LOC: 2577' FSL & 2510' FEL

TOWNSHIP: 24S

RANGE: 38E

Sec: 32

Cnty: Lea

State: NM

Well No: 103

GR: 3199'

KB: +13'

DF: '

FORMATION TUBB/DRKD

CURRENT STATUS: Producer

API NO: 30-025-30825

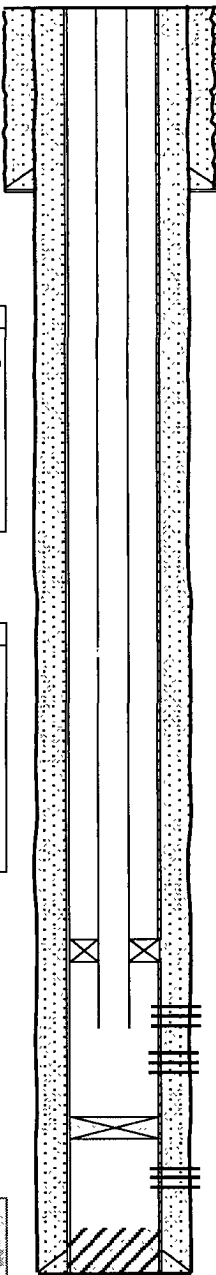
Cheveno: KZ1043

11-3/4" 42# H-40 @ 1200' w/ 1,050 sx, circ
150 sx
Hole Size: 14-3/4"

Rod Detail: 01/19/2009		
Footage	Joints	Type
08/31/12	POOH, LD & stacked all rods on racks on location	

Tubing in Hole: 01/19/2009		
Footage	Joints	Type
6033 00	190	2-7/8" 6 5# J-55 Tbg
2 70	1	5-1/2" X 2-7/8" TAC @ 6237'
410 24	13	2-7/8" 6 5# J-55 Tbg
??	1	2-7/8" IPC Tbg (??)
0 85	1	2-7/8" SN
23 82	1	SS
6470 6		Total Tubing String
18 00		KB
6488 6		Final HD

5-1/5" 15.5 & 17# K-55 & L-80 @ 6905' w/ 4100 sx,
Circ 355 sx
DV Tool @ 4,032
Hole Size: 7"



TD 6905'
PBTD: 6637'

SPUD: 12/27/1990

Date Completed: 02/13/1991	Initial Production:
Initial Formation: Drkd, Abo	132' BO, 75' Mof, 185' BW
FROM: 6483-6813	568' GOR, 37.6 Sp Grv

Initial completion:
Perf DRKD 6483-6634' Acdz w/ 6 2k gal 15% in 5 stgs w/ 1,000# GRS Perf
Lower Abo 6660-6813' Acdz w/ 5 2k gal 15% in 4 stgs w/ 750# GRS

Subsequent workovers:

02/16/95 Reperf & Acidize Tag btm, tbg stuck on way up at collar @ 6620'
Mill over fish 6595-6617', fell through to 6623' Recovered all fish Ran bit to
6630', unable to make headway Set CIBP @ 6460' Perf csg 6166-6434'
Acdz w/ 7k gal 15% Clean out GRS Drill CIBP & push junk to tight spot @
6630' Unable to get through tight spot RTP

10/28/96 Set RBP @ 6630' Acdz DRKD perfs 6483-6630' w/ 4k gal 15% & 75
BS PU RBP & set @ 6460' Acdz TUBB perfs 6166-6436' w 6k gal 15% w/
4000# GRS Release RBP Set 5-1/2" CIBP @ 6630'

11/09/98 Acdz Tubb & DRKD perfs w/ 2k gal 15% w/ sonic hammer tool

08/27/99 Acdz Tubb & DRKD perfs w/ 4k gal 15% w/ sonic hammer tool

05/02/01 Acdz Tubb & DRKD w/ 3 5k gal 15% & 4000# GRS

03/15/06 Tub failure 7' of mud jt got stuck in well Tag up @ 6600'- bad csg
TIH w/ new tbg to FHD @ 6454'

11/30/09 Snad Frac Tag @ 6614' Mill through 6617-6632' Push CIBP to
6640', stop making hole Acdz w/ 5k gal 15% w/ 5000# GRS Frac w/ 260,000#
20/40 sd coated w/ expedite lite Work bit through tight spot @ 6617' C/O to
PBTD @ 6,637, no fill RIH w/ ESP RTP

03/30/10 ESP failure RIH w/ rods/ RTP

08/31/12 Rod Part Jar pump through tight spot @ 4485' Jar on TAC w/ no
results Tbg stretch calc estimates tbg stuck @ 5000' LD all rods, RDMO

Tubb (02/95) 6166', 79-90', 6201-24', 31-34', 36-45', 68-78', 82-6308', 44',
66-71', 76-79', 83-86', 91-93', 6410-14', 34-36', w/ 2 JSPF (230 holes)

DRKD 6483-85', 89-95', 6501-13', 19-23', 33-40', 48-53', 99-6604', 19-21', 31-34' (153', 39 holes)

Collapsed csg 6600-6603'

CIBP @ 6640'

Csg collapsed w/ junk in well @ 6630'

ABO: 6660-62', 93-99', 670-08', 18-21', 24-27', 33-35', 69-72', 74-76', 90-95', 98-6803', 08-13'