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
AUG 23 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. 30-025-33328

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
V.M. HENDERSON

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

8. Well Number 15

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
SWD SAN ANDRES

4. Well Location
Unit Letter G: 1650 feet from the NORTH line and 1650 feet from the EAST line
Section 30 Township 21-S Range 37-E NMPM County LEA

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

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 TBG, PKR, CSG LEAK		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 REPAIR A TBG, PKR, CSG LEAK IN THE SUBJECT WELL.

THE SUBJECT WELL IS STILL SHOWING INTERMITTENT PRESSURE IN THE ANNULUS AFTER THE FIRST ATTEMPT TO FIX IT.

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

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

Spud Date:

Rig Release Date:

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

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

SIGNATURE Denise Pinkerton TITLE: REGULATORY SPECIALIST DATE: 08-212012

Type or print name: DENISE PINKERTON E-mail address: leakejd@chevron.com PHONE: 432-687-7375

APPROVED BY: TITLE Dist. Mgr DATE 8-30-2012

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.

V.M. Henderson #15 SWD **8.20.2012**
Penrose Skelly, San Andres Reservoir
T21S, R37E, Sec.30
N 32° 27' 8.928", W -103° 11' 55.176" (NAD27)
Job: Identify leak and Repair, 2nd Attempt

Procedure:

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 SAFELY what is best for the well. In the extent that this procedure does not reflect actual operations, please contact RE, PE and Superintendent for MOC

1. Verify that well does not have pressure or flow. If well has pressure, note tubing and casing pressures on wellview report. Bleed down well; if necessary, pump tbg capacity brine fluid (10 ppg). Note pressure for KWM calculation.

   - **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.**

2. Run 2.25" "F" blank plug, test tbg 2,000 psi, test pkr to 1,000 psi. Confirm csg and pkr/tbg integrity, test to at least 1,000 psi (if leak is not detected at 1,000 psi contact Remedial Engineer to discuss testing annulus to higher pressure).

3. MIRU workover unit. Well continues to show intermittent 1,100 psi on csg but will bleed down instantly. Open csg valve and bleed down. ND WH & NU BOP (blinds on bottom and 2-7/8" on top) while utilizing Enviro pump to suck off any fluids and gas. Install Enviro-pan on top of BOP.

4. Un-Latch from On-Off tool and pull one stand. Make up 5-1/2" pkr on 2 jts of 2-7/8" J-55 tbg. RIH and set pkr, test BOP 250 low and 500 high. Stand back 2 jts of tbg and pkr. This tbg and pkr is to be available if needed to run in hole for well control at any point during the job. Insure TIW valve is on the floor open and the key is readily available. Circ well w/ FW.

5. POOH and stand back 2-7/8" IPC tbg.

6. MI & RU Baker Atlas electric line unit. Test lubricator on rack to 2,000 psi. Install lubricator. GIH and conduct RAL and Vertilog Log from surface to pkr. Contact remedial engineer to discuss results.

7. Consider running temperature and noise log to find leak.

8. PU and GIH with 2 7/8" L-80 WS and on/off tool. Unset AS-1X pkr at 4,359', POOH with 2 7/8" WS and LD pkr.

9. If leak was found during logging, PU and GIH with 5 ½" RBP and sqz pkr on 2 7/8" L-80 work string to 4,380'. Set RBP at 4,380'. Pressure test RBP to 1,000 psi. Release pkr. Utilize RBP and pkr and pinpoint casing leak. Establish injection rate into csg leak. Report injection rate and pressure to Remedial Engineer for use in determining cement volume and slurry properties. *Remedial cementing procedure will be generated once the leak is identified.*

10. RU cementing equipment. Cement squeeze casing leak per supplemental procedure.

11. POOH with 2 7/8" work string and stinger. LD stinger.

12. PU and GIH with 4 ¾" MT bit, 6- 3 ⅛" DC on 2 7/8" tbg string to top of CICR. LD and drill out CICR and cement in 5 ½" casing. Reverse circulate well clean using 8.6 PPG cut brine water. Pressure test casing to 1,000 psi. If csg leaks, repeat cmt sqz procedure. LD and cleanout csg to top of RBP. Reverse circulate

well clean from top of RBP using 8.6 PPG cut brine water. POH with 2 7/8" work string and bit. LD bit. GIH with retrieving head and engage RBP. POH with work string and RBP. LD RBP.

13. PU and GIH with 4 ¾" MT bit and 2 7/8" work string to PBTD at 5,520'. If fill is tagged above 5,100', cleanout wellbore to 5,200'. POH with work string and bit. LD bit. **Note: If well will not circulate, so use bailer to clean out fill if possible. If there is too much fill to clean out using bailer, MI & RU air unit and clean out to 5,200' using foam. Foam air guideline attached.**

14. PU and GIH w/ 5 ½" nickel-plated AS-1X pkr, nickel-plated on-off tool with 2.25" "F" profile & pumpout plug in place (contact remedial engineer to determine if on/off tool will be used), and 140 jts. 2 7/8" EUE 8R J-55 IPC tbg to 4,310', testing to 5,000 psi. Displace tbg-csg annulus with corrosion inhibited pkr fluid. Set pkr at 4,310', with EOT at 4,315'.

15. Pressure test csg and pkr to 500 psi. Pump down tbg with 8.6 PPG cut brine water to confirm injectivity. Remove BOP's and install WH. Pump out plug. RD & release pulling unit.

16. Notify NMOCD of MIT Test. Pressure test 5 ½" csg and pkr to 500 psi and record chart for NMOCD.

17. Turn well over to production. Report injection rates and pressures.

Well: **V. M. Henderson # 15** Field: **SWD** Reservoir: **San Andres**

Location:
1650' FNL & 1650' FEL
Section: 30 L G ✓
Township: 21S
Range: 37E
County: Lea State: NM

Elevations:
GL: 3487'
KB: 3500'
DF: 3499'

Proposed Wellbore Diagram

Well ID Info:
Refno: BI9442
API No: 30-025-33328 ✓
LS/LG: U482000
Spud Date: 5/4/96
Compl. Date: 6/5/96

Surf. Csg: 8 5/8", 24#, WC-50
Set: @ 1155' w/ 400 sks
Hole Size: 11"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Tubing Detail:

#Jts:	Size:	Footage
	KB Correction	13.00
140	Jts. 2 7/8" J-55 IPC Tbg	4340.00
	On-Off Tool w/ 2.25" "F" Profile	2.70
	5 1/2" Lok-Set Packer	4.70
140	Bottom Of String >>	4360.40

Perfs:	*Status:*
4400-10'	San Andres - Open
4414-24'	San Andres - Open
4456-66'	San Andres - Open
4474-84'	San Andres - Open
4540-50'	San Andres - Open
4554-64'	San Andres - Open
4570-80'	San Andres - Open
4586-96'	San Andres - Open
4754-64'	San Andres - Open
4778-88'	San Andres - Open
4830-40'	San Andres - Open
4848-58'	San Andres - Open
4878-88'	San Andres - Open
4948-58'	San Andres - Open

CIBP @ 5520'
(35' cmt on top)

Perfs:	*Status:*
5550-60'	Blinebry - Below CIBP
5594-5600'	Blinebry - Below CIBP
5618-27'	Blinebry - Below CIBP
5650-56'	Blinebry - Below CIBP
5702-14'	Blinebry - Below CIBP
5766-74'	Blinebry - Below CIBP
5802-08'	Blinebry - Below CIBP

COTD: 5485'
PBTD: 5485'
TD: 6100'

Prod. Csg: 5 1/2", 15.5 & 17#, WC-50 & N-80
Set: @ 6100' w/ 1275 sks
Hole Size: 7 7/8"
Circ: Yes **TOC:** Surface
TOC By: Circulated

Updated: 1/10/06 **By:** A. M. Howell