

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

HOBBS OCD

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

WELL API NO. 30-025-33328
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name V.M. HENDERSON
8. Well Number 15
9. OGRID Number 4323
10. Pool name or Wildcat SWD SAN ANDRES
11. Elevation (Show whether DR, RKB, RT, GR, etc.)

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 <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SWD	
2. Name of Operator CHEVRON U.S.A. INC.	
3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705	
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	
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:

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 UNDERGROUND ☐

11.6 C Packer shall be set within or less than 100

feet of the uppermost injection perfs or open hole.

OTHER: REPAIR TBG, PKR, CSG LEAK

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.

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

Spud Date: **The Oil Conservation Division**
MUST BE NOTIFIED 24 Hours
Prior to the beginning of operations

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: 05-10-2012

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

APPROVED BY: [Signature] TITLE: STAFF MGR DATE: 5-14-2012
Conditions of Approval (if any):

MAY 14 2012

V.M. Henderson #15 SWD
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

5.3.2012

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 pressures 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 500 psi. Determine if leak is csg leak or a pkr/tbg leak.
3. MI & RU workover unit. Well is reported to have 1100 psi on csg but will bleed down instantly. Open csg valve and bleed down ND WH & NU BOP's (blinds on bottom and 2 7/8" on top) while utilizing enviro pump to suck off any fluid 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. Run in hole and set pkr and attempt to 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/ 10# BW, shut in BOP and monitor. Attempt to kill well. POH w/ inj tbg and ON-Off tool.
5. Pick up and GIH w/ RBP and pkr on 2-7/8" L-80 WS. Set RBP above inj pkr @ 4320'.
6. PUH set Pkr and test RBP to 500 psi. Pressure test back side csg to 500 or if backside is still flowing or building up pressure move pkr in an attempt to isolate csg leak. If there is no csg leak skip to step #13.
7. When leak is isolated establish injection rate into csg leak. Report injection rate and pressure to Remedial Engineer for use in determining cement volume and slurry properties. Be sure to cap RBP w/ 2 sx sand.
8. Depending on PI rates and pressures, depth etc. a separate sqz procedure will be written up.
9. RU cementing equipment. Cement squeeze casing leak. RD and release cementing equipment.
10. POH with 2 7/8" work string.
11. PU and GIH with 4 3/4" MT bit on 2 7/8" tbg WS and D/O sqz. Test csg to 500 LD bit. GIH with retrieving head and engage RBP. POH with work string and RBP. LD RBP. GIH w/ On-Off tool shuck and latch onto inj pkr release and POH and LD pkr.
12. PU and GIH with 4 3/4" 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.**

13. PU and GIH w/ 5 1/2" nickel-plated AS-1X pkr, nickel-plated on-off tool with 2.25" "F" profile, and 140 jts. 2 7/8" EUE 8R J-55 IPC tbg to 4,355', testing to 5,000 psi. Displace tbg-csg annulus with corrosion inhibited pkr fluid. Set pkr at 4,355', with EOT at 4,360'.
14. 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. RD & release pulling unit.
15. Notify NMOCD of MIT Test. Pressure test 5 1/2" csg and pkr to 500 psi and record chart for NMOCD.
16. 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
 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
 L5/L6: 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'	Blaine - Below CIBP
5594-5600'	Blaine - Below CIBP
5618-27'	Blaine - Below CIBP
5650-56'	Blaine - Below CIBP
5702-14'	Blaine - Below CIBP
5766-74'	Blaine - Below CIBP
5802-08'	Blaine - 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