Submit 1 Copy To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S St Francis Dr , Santa Fe, NM 87505

HOBBS OCD
MAY 01 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
October 13, 2009

WELL API NO. 30-025-32518	
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) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other	7. Lease Name or Unit Agreement Name L. VAN ETTEN
	8. Well Number 14
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 MONUMENT; PADDOCK
4. Well Location Unit Letter M: 990 feet from the SOUTH line and 990 feet from the WEST line Section 9 Township 20S Range 37E 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: INTENT TO ACIDIZE & SCALE SQUEEZE		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. INC. INTENDS TO ACIDIZE & SCALE SQUEEZE THE SUBJECT WELL.

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

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 Denise Pinkerton TITLE REGULATORY SPECIALIST DATE 04-30-2012

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

For State Use Only

APPROVED BY: TITLE STAFF MGR DATE 5-2-2012

Conditions of Approval (if any):

MAY 02 2012

L VAN ETTEN 14P (API: 3002532518) **4.3.2012**
FLD-Monument
Lea County, NM: T20S, R37E, Sec. 9, 990' FSL & 990' FWL
Job: Fix tubing leak, Sonic Hammer Acidize one Paddock Interval & Scale Squeeze Well.

Procedure:

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, kill with cut brine fluid (8.6 ppg).

   - **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. MI & RU workover unit.

3. Unseat pump, POOH with rods and pump. Examine rods for wear/pitting/paraffin and capture any samples for analysis. **Do not hot water unless necessary**. ND wellhead, unset TAC, NU BOP. POOH and LD 1 jt, PU 5-1/2" packer and set ~ @ 25', test BOP pipe rams to 250 psi/1000 psi. Note testing pressures on wellview report. Release and LD packer.

4. PU tubing and tag for fill (TAC 5082', Top of Perfs 5182', Bottom Perfs 5,190', EOT 5,267', PBTD 5,500'). POOH while scanning 2-7/8" prod tubing. LD all non-yellow band joints.
   If fill is tagged:
   A. Above 5,300' continue to step 5.(Also Inform Clarence Fite (ALCR) & Steve Jackson(Planner))
   B. Below 5,300' continue to step 7.

   Note: Strap pipe out of the hole to verify depths and note them on wellview report.
   Send scan log report to hccf@chevron.com.

   - **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.**

5. PU and RIH with 4-3/4' MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS. RU power swivel and clean out to 5,300'. POOH with 2-7/8" WS and bit. LD bit & BHA.
   Note: If circulation is not expected, notify Remedial Engineer to discuss CO with bailer (continue to step 6) or foam/air unit (continue to supplemental procedure on back).

6. PU and RIH with 4-3/4" MT and Bulldog bailer on 2-7/8" 6.5# L-80 WS. Clean out to 5,300'. POOH with 2-7/8" WS and bit. LD bit & BHA.

   - **Expect trapped pressure inside tubing while breaking connections during bailing operations, discuss on JSA and mitigate hazard. Use mudbucket (remove bottom seals if applicable) while breaking connections.**

7. Contact sonic tool rep to be on site during job. PU and RIH with Sonic Hammer tool and work string to 5,190' or enough to cover the bottom perforations with a whole stand. Hydrotest tubing to 6,000 psi. Stand back tubing to top perforations. Install stripper head and stand pipe with sufficient treating line to move tools vertically ~ 65'. Rig up pressure gauges to allow monitoring of tubing and casing pressures.

8. MI & RU Petroplex. Treat all intervals from 5182' to 5,190' with 8.6 ppg cut brine water per interval stand (refer to Table A). Pump down Sonic Hammer tool at 5 BPM while reciprocating tool across interval. Do not exceed 5,000 psi tubing pressure. Leave annulus open in circulation mode while treating intervals with brine water.

9. Follow the brine water wash with 1,500 gals 15% NEFE HCl of total acid for all interval.
Spot 2 bbls of acid outside tubing, shut in casing, pump 1500 gallons of acid @ 5 BPM over the treating interval from 5182'-5190', monitor casing pressure not exceeding 500 psi.
Flush tubing with brine water after acidized interval. Refer to Table A.

Interval	Depth	Holes	Interval Depth (Ft.)	Pre Acid Brine Wash (bbls)	Acid Volume (gal)
1	5182'-5190'	32	8	50	1500

Table A Perforation Intervals for Acid.

10. Shut in well for 1 hr for the acid to spend. Monitor casing pressure to keep it below 500 psi. Bleed off excess pressure if necessary.

11. Continue moving uphole with Sonic Hammer pumping at 5 BPM with a total of 35 bbls 8.6 ppg brine water containing 1 drums (55 gallons) Baker SCW-358 Scale Inhibitor Chemical. Ensure top of tubing is flushed with water before making a connection. Refer to Table B.

Interval	Depth	Interval Depth (Ft.)	Brine Water Volume (bbls)	SCW-358 Volume (gal)
1	5182'-5190'	54	35	55

Table B Perforation Intervals for Scale Squeeze.

12. Ensure Sonic Hammer is above all perforations. Pump 35 bbls 8.6 PPG cut brine water to scale squeeze well. Do not exceed 500 psi casing pressure or 5 BPM while pumping scale squeeze or casing flush. RD and release pump truck.

13. Run back in the hole and tag for fill. If fill entry was indentified @ 5,300' or above, clean-out to 3 joints below from the bottom of pert to 5,300' following steps 5 or 6.

14. POOH & LD 2-7/8" WS and Sonic Hammer tool.

15. RIH with 2-7/8" production tubing hydrotesting to 6,000 psi. Set TAC per ALCR recommendation.
ND BOP. NU WH. RIH with rods and pump per ALCR. Hang well on. RD and release workover unit.

16. Turn well over to production.

FOAM / AIR CLEANOUT PROCEDURE (To be used if determined by D&C Engineer with consultation with production engineer)

- This procedure is an addition to the original procedure.

1. Install flowback manifold with two chokes. All components on flowback manifold must be rated to at least 5,000 psi. If possible, flowback manifold components should be hydrotested before delivery. Hardline pipes from 2" casing valve to manifold to half pit with gas buster.
2. Install flowback tank downwind from rig.
3. Position Air unit upwind from Rig next to water tanks. Have vacuum truck on standby to empty halfpit. (if needed)
4. RIH with 4-3/4' MT bit, 4 (3-1/2") drill collars on 2-7/8" 6.5# L-80 WS.
5. NU stripper head with **NO Outlets** (Check stripper cap for thread type - course threads preferred). **Stripper head to be stump tested to 1,000 psi before being delivered to rig**. Check chart or test at rig.
6. RU foam air unit. Make quality foam on surface before going down hole with foam/air. Install flapper float at surface before beginning to pump. Break circulation with foam/air. Evacuate fluid from well.

Pump high quality foam at all times. Do not pump dry air at any time. Fluid injection rates will generally be above 12 gallons per minute

Whenever there is pressure on the stripper head, have a dedicated person continuously monitor pressure at choke manifold and have a dedicated person at accumulator ready to close annular BOP in case stripper leaks. Do not allow pressure on stripper head to exceed 500 psi. If pressure cannot be controlled below 500 psi, stop pumping, close BOP and bleed off pressure.

7. Clean out fill to PBTD (6495') with low RPM's rotation and circulation, always keep pipe moving. Short trips can be beneficial to hole cleaning. Circulate well clean for at least 1 hour at the end of the day and pull up above the perforations before shut down for night. If the foam/air unit goes down, pull above the perforations.
8. When tripping out of hole, have special float bleed off tool available to relieve trapped pressure below float.

Ensure that high quality, stiff foam is pumped while circulating the fill. Stiff foam is required to prevent segregation while circulating. Monitor flow and pressures carefully when cleaning out.

Before rigging up power swivel to rotate, carefully inspect Kelly hose to ensure that it is in good condition. Ensure that swivel packing is in good condition.

Continue on with original procedure for completion.

Chevron U.S.A. Inc. Wellbore Diagram : LVANETTEN14P

Lease: OEU EUNICE FMT | **Well No.:** L VAN ETTEN 14P | **Field:** FLD-MONUMENT

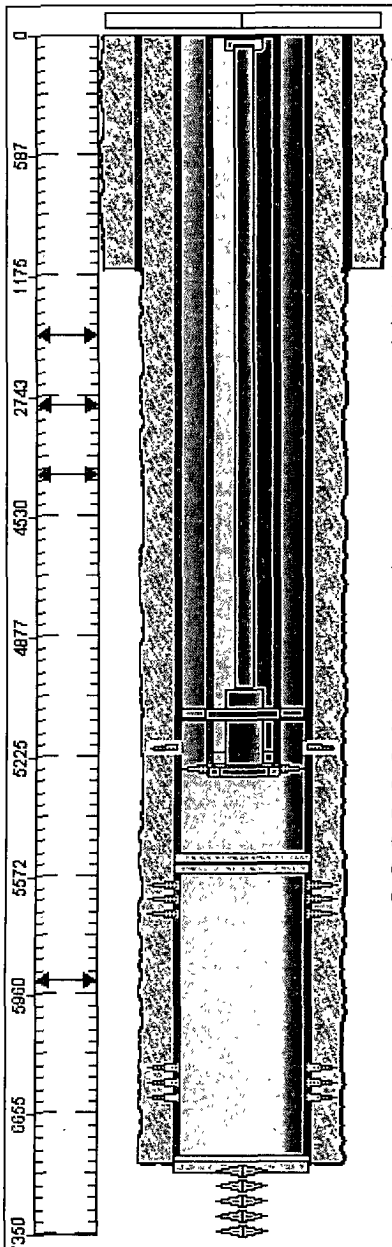
Location: 990FSL990FWL | **Sec.:** N/A | **Blk:** | **Survey:** N/A

County: Lea **St.:** New Mexico | **Refno:** QU2067 | **API:** 3002532518 | **Cost Center:** UCU938300

Section: 9 | **Township:** 020 S | **Range:** 037 E

Current Status: ACTIVE | **Dead Man Anchors Test Date:** 05/04/2006

Directions:



Rod String Quantity (Top-Bottom Depth) Desc
1 @(13-39) 1.500 (1 1/2 in.) Spray Metal x 26
1 @(39-47) 0.875 (7/8 in.) N-90 (D) x 8 Rod Sub
199 @(47-5022) 0.875 (7/8 in.) N-90 (D) x 25 Rod
9 @(5022-5247) 1.500 (1 1/2 in.) K x 25 Sinker Bar
1 @(5247-5267) Rod Pump (Insert) (NON-SERIALIZED) - 25-150-RHBC-20-4 (Bore...
Surface Casing (Top-Bottom Depth) Desc
@(0-1150) Wellbore Hole OD-11.0000
@(0-1150) Cement
@(0-1150) Unknown 8.625 OD/ 24.00# Round Short 8.097 ID 7.972 Drift
Tubing String Quantity (Top-Bottom Depth) Desc
163 @(13-5082) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift
1 @(5082-5085) Tubing Anchor-Mechanical 5.500" Elder 'B'
4 @(5085-5209) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift
1 @(5209-5240) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift - I...
1 @(5240-5241) Seat Nipple - Standard (2.875") Cup Type
1 @(5241-5245) Perforated Tubing Sub 2.875"
1 @(5245-5277) Bull Plug Mud Anchor 2.875"
Production Casing (Top-Bottom Depth) Desc
@(5182-5190) Perforations-Paddock
@(5500-5535) Plug Back-Cement on Top of Bridge Plug
@(5535-5539) Bridge Plug Cast Iron 5.500"
@(5578-5690) Perforations - Squeezed Weir Blinebry
@(6352-6558) Perforations - Squeezed Skaggs Monument Tubbs
@(6895-6930) Plug Back-Cement on Top of Bridge Plug
@(6930-6934) Bridge Plug Cast Iron 5.500"
@(1150-6950) Wellbore Hole OD- 7.8750
@(0-6950) Unknown 5.500 OD/ 15.50# Round Short 4.950 ID 4.825 Drift
@(0-6950) Cement
@(7296-7350) Fill in Wellbore (Sand, etc)
@(6950-7350) Open Hole - Open S.E. Monument Abo