

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

MAR 26 2013

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

<p>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.)</p>		<p>WELL API NO. 30-025-06048</p>
<p>1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/></p>		<p>5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/></p>
<p>2. Name of Operator CHEVRON U.S.A. INC.</p>		<p>6. State Oil & Gas Lease No.</p>
<p>3. Address of Operator 15 SMITH ROAD, MIDLAND, TEXAS 79705</p>		<p>7. Lease Name or Unit Agreement Name L. VAN ETEN</p>
<p>4. Well Location Unit Letter P: 660 feet from the SOUTH line and 990 feet from the EAST line Section 9 Township 20-S Range 37-E NMPM County LEA</p>		<p>8. Well Number 8</p>
<p>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</p>		<p>9. OGRID Number 4323</p>
<p>10. Pool name or Wildcat MONUMENT PADDOCK</p>		

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: INTENT TO ACIDIZE & SCALE SQUEEZE, C/O

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, CLEAN OUT, & 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: 03-22-2013

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

APPROVED BY: [Signature] TITLE Dist. Mgr DATE 3-28-2013
Conditions of Approval (if any):

MAR 28 2013

L Van Etten #8
Monument - Paddock Reservoir
T20S, R37E, Sec. 9
N 32° 34' 55.38", W -103° 15' 2.088" (NAD27)
Job: Sonic Hammer Acidize, Scale Squeeze, & CO

3.19.2013

PREWORK:

1. Utilize the rig move check list.
2. Check anchors and verify that pull test has been completed in the last 24 months.
3. Ensure location of & distance to power lines is in accordance with MCA SWP. Complete and electrical variance and electrical variance RUMS if necessary.
4. Ensure that location is of adequate build and construction.
5. Ensure that elevators and other lifting equipment are inspected. Caliper all lifting equipment at the beginning of each day or when sizes change.
6. When NU anything over and open wellhead (EPA, etc.) ensure the hole is covered to avoid dropping anything downhole.
7. For wells to be worked on or drilled in an H₂S field/area, include the anticipated maximum amount of H₂S that an individual could be exposed to along with the ROE calculations for 100 ppm and 500 ppm.
8. If the possibility of trapped pressure exists, check for possible obstructions by:
 - Pumping through the fish/tubular – this is not guaranteed with an old fish as the possibility of a hole above the obstruction could yield inconclusive results
 - Dummy run – make a dummy run through the fish/tubular with sandline, slickline, eline or rods to verify no obstruction. Prior to making any dummy run contact RE and discuss.

If unable to verify that there is no obstruction above the connection to be broken, or if there is an obstruction:

- Hot Tap at the connection to check for pressure and bleed off

Observe and watch for signs / indicators of pressure as connection is being broken. Use mud bucket (with seals removed) and clear all non-essential personnel from the floor.

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 the well has pressure, note tubing and casing pressures on Wellview report. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).
- 2) MI & RU workover unit.
- 3) Unseat pump, POOH with rods and pump. Examine rods for wear/pitting/paraffin. Do not hot water unless necessary. ND wellhead, unset TAC, NU BOP. POOH and LD 1 jt, PU 7" 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 2-3 jts of tubing and RIH to 5,285' to tag for fill (Liner 5.5" @ 3551, TAC 5120', Perfs 5198-5206', EOT 5,219', PBTD 5,300'). Do not push TAC into perfs. POOH while scanning 2-7/8" prod tubing. LD all non-yellow band joints. If fill is tagged:
 - A. Above 5,230' contact remedial engineer and verify if the clean out is necessary. If so, continue with foam/air clean out per step 5.
 - B. Below 5,230 clean out not needed, skip step 5.

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

- 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' with foam/air unit (**continue to supplemental procedure and in accordance with attached SOG**). POOH with 2-7/8" WS and bit. LD bit & BHA.
- 6) Contact sonic tool rep to be on site during job. *Verify that WS is clean, inspect for excessive rust.* PU and RIH with Sonic Hammer tool and work string to 5,206' or enough to cover the bottom perforations with a whole stand. Hydrotest tubing to 5,000 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.
- 7) MI & RU Petroplex and pressure test surface lines. Titrate acids and verify concentration (HCl $\pm 1.5\%$), report results in daily work summary.
- 8) Treat the interval from 5,198' to 5,206' with the following procedure. Shut in the annulus. Do not exceed 5,000 psi tubing pressure.
- 9) While reciprocating over the perf interval, pump 30 bbls of cut brine, followed by 1000 gals. Of 15% NEFE HCL, and then flush the tubing with cut brine pumping at 5 BPM.

Table A: Perforation Intervals for acid.

Interval	Depth	Interval (Ft.)	Acid Volume (gal)
1	5,198' – 5,206'	8	1,000
			1,000

- 10) R/D Petroplex Acidizing, drop Sonic Hammer circulating port opening ball, shut in well for 1 hr for acid to spend. Monitor casing pressure to keep it below 500 psi. Bleed off excess pressure if necessary
 - a) If WSM Believes that the formation may take longer to spend, wait until appropriate to open circulating ports and attempt swabbing.
- 11) Pressure up tubing to ~2000 psi to open the sonic hammer tool circulating port.
- 12) R/U Swab equipment and swab well back to flowback tank until the load is recovered or returns are produced fluid and no longer spent acid.
- 13) R/D swab equipment and POOH w/tbg to top perf.
- 14) Scale squeeze well with a total of 63 bbls cut brine water and 1 drums (55 gallons) Baker SCW-358 Scale Inhibitor Chemical. For the interval, pump chemical as a concentrated pill of 55 gals of SCW-358 with 13 bbl of cut brine then displaced with 50 bbls of cut brine per interval. Continue moving up and down interval with Sonic Hammer. Pump at max rate of 5 BPM per pump schedule. Ensure top of tubing is flushed with brine water before making a connection. Refer to Table B.

Table B: Scale Squeeze Pump Schedule						
Step		Interval (ft)	Max Rate (BPM)	Volume Brine (bbl)	Volume Scale Chem (Gal)	Cum. Volume (bbl)
1	Pump Chemical/brine while moving from	5206' - 5198'	5	13	55	14.3
2	Pump Brine while moving from	5206' - 5198'	5	47		61

- 15) Run back in the hole and tag for fill. If fill entry was identified above 5,260', clean-out to 5,300' following step 5.

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

17) RIH with 2-7/8" production tubing hydrotesting to 5,000 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.

18) Turn well over to production.

FOAM / AIR CLEANOUT PROCEDURE

- 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 5,300' 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.

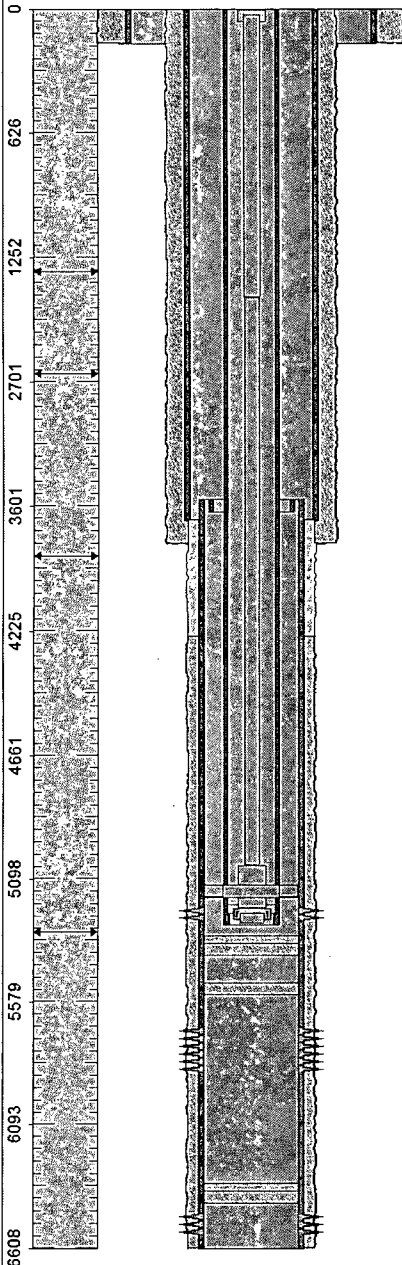
Continue on with original procedure for completion.

Value	Perfs	Stage 1
5,197	5,198	5,198
5,198	5,198	5,198
5,199	5,198	5,198
5,200	5,198	5,198
5,201	5,198	5,198
5,202	5,198	5,198
5,203	5,198	5,198
5,204	5,198	5,198
5,205	5,198	5,198
5,206	5,198	5,198
5,207	5,198	5,198

[illegible]

Chevron U.S.A. Inc. Wellbore Diagram : LVANETTEN8P

Lease: OEU EUNICE FMT		Well No.: L VAN ET TEN 8P	Field: FLD-MONUMENT	
Location: 660FSL990FEL		Sec.: N/A	Blk:	Survey: N/A
County: Lea	St.: New Mexico	Refno: FA7169	API: 3002506048	Cost Center: UCU938300
Section: 9		Township: 020 S		Range: 037 E
Current Status: ACTIVE			Dead Man Anchors Test Date: NONE	
Directions:				



Rod String Quantity (Top-Bottom Depth) Desc

1 @ (0-22) 1.500 (1 1/2 in.) Spray Metal x 22
 65 @ (22-1647) 0.875 (7/8 in.) D-87 x 25 Rod
 136 @ (1647-5047) 0.750 (3/4 in.) D-87 x 25 Rod
 6 @ (5047-5197) 1.500 (1 1/2 in.) (Unknown) x 25 Sinker Bar
 1 @ (5197-5213) Rod Pump (Insert) (NON-SERIALIZED) - 25-150-FHBC-16-4 (Bore = 1.50)

1 @ (5213-5214) Strainer Nipple 1.250 OD x 0.5'

Surface Casing (Top-Bottom Depth) Desc

@ (0-177) Unknown 13.000 OD/ 40.00# Round Short 12.438 ID 12.282 Drift

@ (0-177) Cement

@ (0-177) Wellbore Hole OD-15.5000

Production Liner (Top-Bottom Depth) Desc

@ (3551-3552) Casing Liner Hanger - Unknown Size

@ (5198-5206) Perforations - Open - Blinbry

@ (5300-5335) Plug Back-Cement Cap

@ (5335-5336) Bridge Plug Cast Iron 5.500"

@ (5500-5501) Bridge Plug Cast Iron 5.500"

@ (5686-5874) Perforations - isolated - Blinbry

@ (6340-6370) Plug Back-Cement Cap

@ (6370-6371) Bridge Plug Cast Iron 5.500" - Baker Model "N"

@ (6464-6534) Perforations - Isolated - Tubbs

@ (3551-6608) Wellbore Hole OD- 6.2500

@ (4241-6608) Cement

@ (3551-6608) Unknown 5.500 OD/ 17.00# Round Long 4.892 ID 4.767 Drift - N/A

Production Casing (Top-Bottom Depth) Desc

@ (0-3697) Unknown 7.000 OD/ 22.00# Round Short 6.398 ID 6.273 Drift

@ (0-3874) Cement

@ (0-3874) Wellbore Hole OD- 8.5000

Tubing String Quantity (Top-Bottom Depth) Desc

160 @ (0-5118) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

1 @ (5118-5120) Tubing Anchor/Catcher 5.500"

2 @ (5120-5185) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347

1 @ (5185-5218) J-55 2.875 OD/ 6.50# T&C External Upset 2.441 ID 2.347 Drift

- Internal Plastic Ctg-TK-99

1 @ (5218-5219) Seat Nipple - Heavy Duty (2.875") Cup Type

P-9 20537E
 200 S
 2010 E
 2011 L

Ground Elevation (MSL):: 3544.00	Spud Date: 07/11/1970	Compl. Date: 01/01/1970
Well Depth Datum:: CSI0000N	Elevation (MSL):: 0.00	Correction Factor: 0.00
Last Updated by: venegas	Date: 04/04/2006	