

HOBBS OCU

JAN 27 2012

RECEIVED

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.  
30-025-10203

5. Indicate Type of Lease

STATE ☐ FEE ☒

6. State Oil &amp; Gas Lease No.

7. Lease Name or Unit Agreement Name  
S.E. LONG

8. Well Number 3

9. OGRID 241333

10. Pool name or Wildcat  
WANTZ; ABO

## 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 ☐

2. Name of Operator

CHEVRON MIDCONTINENT, L.P.

3. Address of Operator

15 SMITH ROAD, MIDLAND, TEXAS 79705

4. Well Location

Unit Letter O: 660 feet from the SOUTH line and 1980 feet from the EAST line

Section 11

Township 22-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/CEMENT JOB ☐

OTHER: INTENT TO ADD ABO PERFS

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 MIDCONTINENT, L.P. INTENDS TO ADD PERFORATIONS TO THE ABO POOL.  
PLEASE FIND ATTACHED, THE INTENDED PROCEDURE, WELLBORE DIAGRAMS, AND 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

TITLE: REGULATORY SPECIALIST

DATE: 01-26-2012

Type or print name: DENISE PINKERTON E-mail address: leakejd@cvchevron.com

PHONE: 432-687-7375

APPROVED BY:

TITLE

DENISE PINKERTON

DATE

JAN 30 2012

Conditions of Approval (if any):

JAN 30 2012

**SE Long #3 -- #30-025-10203**

**Wantz**

**T22S, R37E, Sec.11, UL O, 660' FSL & 1,980' FEL**

**Job: Add Perforations to Abo**

*This procedure is based on the most recent information regarding wellbore configuration and equipment that could be found in the Midland office well files and computer databases as of 11/1/2011. Verify what is in the hole with the well file in the Eunice field office. Discuss with WEO Engineer, Workover Rep, OS, ALCR, and FS prior to rigging up on well regarding any hazards or unknown issues pertaining to the well.*

**Procedure:**

1. MI & RU workover unit.
2. Verify that well does not have pressure/flow. If well has pressure, record tubing and casing pressures. Bleed down well; if necessary, kill with cut brine fluid (8.6 ppg).
  - **Caliper elevators and tubular EACH DAY prior to handling tubing/rods/tools. Note in JSA when and what items are callipered within the task step that includes that work.**
3. Unseat pump. POOH with rods & pump. ND wellhead, unset TAC, NU BOP.
4. POOH & LD 1 joint, PU 7" packer and run back in hole to tag and record fill depth. PU and set packer @ ~ 25'. Close pipe rams. Test BOP against packer to 500 psi high / 250 psi low. Release and LD packer. Depths: (TAC 6675', Bottom Perfs 7092', EOT 7137', PBTD 7160').
5. POOH while scanning all 2-7/8" and 2-3/8" production tubing. LD all non-yellow band joints. Send scan report to [hccf@chevron.com](mailto:hccf@chevron.com). **Strap pipe out of the hole to verify depths.**
  - **Caliper elevators and tubular EACH DAY prior to handling tubing/rods/tools. Note in JSA when and what items are callipered within the task step that includes that work.**
6. PU and RIH with 4-1/8" Milled Tooth (MT) Bit, bit sub on 2-3/8" 4.6# L80 workstring. RIH and C/O to 7,160' or until returns show cement (whichever is first). Circulate bottoms up.

Note: If circulation is not expected/achieved, discussed with Remedial Engineer to PU 4-1/8" MT bit with bulldog bailer (for 5" liner) and C/O to 7,160'.
7. POOH with 2-3/8" WS.
8. MI & RU Baker Atlas wireline unit. NU lubricator/pack-off. GIH with 3-3/8" Gunslinger Casing Guns (0.42" EHD, 47" penetration, 3 JSPF at 120 degree phasing, using 25 gram premium charges) per Baker recommendation as shown in Table A.

**Correlate tie log using The Western Company GR/CCL log dated 9/17/1974.**

Top ft	Bottom ft	Perfs Detail Interval Length ft	Reservoir	3 shots/ft # of holes
6,596	6,605	9	Abo	27
6,637	6,642	5	Abo	15
6,647	6,651	4	Abo	12
6,655	6,658	3	Abo	9
6,696	6,698	2	Abo	6
6,712	6,714	2	Abo	6
6,718	6,720	2	Abo	6
6,732	6,736	4	Abo	12
6,750	6,755	5	Abo	15
6,772	6,776	4	Abo	12
6,780	6,783	3	Abo	9

**Table A**

9. POOH WL. ND lubricator/pack-off. RD & release Baker WL.

10. GIH with 5" PPI tools with 14' spacing on 2-3/8" WS to ~ 6,200' while testing tubing in hole to 6,000 psi.

Set PPI @ ~ 6,200', load and test backside above packers to 500 psi for 5 minutes. Be aware of old casing leak between 6231' – 6351'. Bleed off pressure on backside.

See Table B for PPI specifications.

PinPoint Injection (PPI) Packer Technical Specifications										
Casing Size in.	Packer Main Body OD in. (cm)	Packer ID in. (cm)	End Connections	Nominal Casing Weight lb/ft	Minimum Casing ID in. (mm)	Maximum Casing ID in. (mm)	Length in. (cm)	Tensile Rating* lb (kg)	Burst Rating* psi (MPa)	Collapse Rating* psi (MPa)
4	3.18 (8.08)	0.805 (2.04)	2 11/16 in. 10 UNS × 2 3/8 in. 8 Rd EU	9.5 - 11.6	3.428 (87.07)	3.548 (90.12)	68.70 (174.50)	74,000 (33 566)	10,000 (68.95)	15,000 (103.42)
4 1/2	3.89 (9.88)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 3/8 in. 8 Rd EU	9.5	4.090 (103.89)	4.154 (105.51)	69.91 (177.57)	77,100 (34 972)	14,400 (99.28)	10,200 (70.33)
	3.75 (9.53)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 3/8 in. 8 Rd EU	11.6 - 13.5	3.920 (99.57)	4.000 (101.60)	69.91 (177.57)	77,100 (34 972)	14,400 (99.28)	10,200 (70.33)
5	4.25 (10.79)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 7/8 in. 8 Rd EU	11.5 - 13	4.494 (114.15)	4.670 (118.62)	66.13 (167.97)	84,700 (38 419)	12,900 (88.94)	9,800 (67.57)
	4.06 (10.31)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 7/8 in. 8 Rd EU	15 - 18	4.276 (108.61)	4.408 (111.96)	66.39 (168.63)	84,700 (38 419)	10,800 (74.46)	9,800 (67.57)
	3.89 (9.88)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 3/8 in. 8 Rd EU	21.4	4.090 (103.89)	4.154 (105.51)	69.91 (177.57)	77,100 (34 972)	14,400 (99.28)	10,200 (70.33)
5 1/2	4.55 (11.56)	1.50 (3.81)	3 1/2 in. 8 UNS × 2 7/8 in. 8 Rd EU	13 - 20	4.778 (121.36)	5.044 (128.12)	66.52 (168.96)	133,200 (60 419)	14,500 (99.97)	11,600 (79.98)
	4.25 (10.79)	1.50 (3.81)	3 3/32 in. 10 UNS × 2 7/8 in. 8 Rd EU	11.5 - 13	4.494 (114.15)	4.670 (118.62)	66.13 (167.97)	84,700 (38 419)	12,900 (88.94)	9,800 (67.57)

**Table B**

11. Release PPI and continue testing in hole to 6,784'. POOH above perforations Mark settings. Open FCV and test PPI tools on blank casing to 1500 psi.

Note: Have acid company bring 500 gals extra for acid spot. Total acid volume required on location is 2,220 gals.

12. Run back in the hole to 6784'. Test lines to 5,000 psi. Brake circulation to surface. Switch to acid and spot to bottom of tubing.
13. Set PPI tools across the lower new set of perforations (6,780 – 6,783'). Open FCV and pump through PPI tools. Set tools across PPI setting intervals and follow treatment volumes per Table C below.
14. Pump a total of 1,720 gals of anti-sludge 15% NEFE HCl acid at a maximum rate of 6 BPM and tubing pressure of 5,000 psi. Pump a water spacer (~ 5 bbls) after every brake.

Note: If communication occurs during treatment of any interval, then move PPI to next setting depth and combine acid volumes of the intervals.

Interval	Depth	Net Feet Perfs (Ft.)	Acid Volume (gal)	PPI Setting
1	6,780'-6,783'	3	280	6,770'-6,784'
2	6,772'-6,776'	4		
3	6,750'-6,755'	5	200	6,746'-6,760'
4	6,732'-6,736	4	160	6,726'-6,740'
5	6,718'-6,720'	2	160	6,710'-6,724'
6	6,712'-6,714'	2		
7	6,696'-6,698'	2	80	6,690'-6,704'
8	6,655'-6,658'	3	280	6,645'-6,659'
9	6,647'-6,651'	4		
10	6,637'-6,642'	5	200	6,630'-6,644'
11	6,596'-6,605'	9	360	6,593'-6,607'
Total:		43	1720	

**Table C**

15. Set PPI tools above all perforations @ ~ 6,550'. RIH to retrieve FCV with sandline. POOH with FCV.
16. Displace tubing volume with 8.6 ppg cut brine water. SI well.  
Record ISIP, 5 min, 10 min and 15 min SI pressures.  
**Leave well SI for 3 hrs for acid to spend**
17. Open and monitor well. Let well flowback if needed.
18. NU lubricator and swabbing equipment. Swab well. Record rates, volumes, pressures, fluid levels and oil cut.

19. PU additional tubing to tag for fill. Notify Remedial Engineer if fill was gained after acid job. POOH and LD 2-3/8" WS & PPI tools.
20. RIH with 2-7/8" and 2-3/8" tapered production string and hang off per ALCR recommendation. NDBOP. NUWH. RIH with rods and pump per ALCR.
21. RD and release workover unit.

Well **S.E. Long # 3**

Reservoir: **Abo**

**Location:**  
660' FSL & 1980' FEL  
Section. 11 Unit Letter O  
Township 22S  
Range 37E  
County Lea State NM

**Elevations:**  
GL 3345'  
KB 3360'  
DF

**Tbg Detail: 15' KB**  
4/7/2001  
7 Jts 2-7/8" J-55 Tbg @ 219 47'  
1- 2-3/8 X 2-7/8 x-over collar  
207 Jts 2-3/8" J-55 Tbg @ 6671 99'  
2 9'-3/8"x5" TAC @ 6674 89'  
13 Jts 2-3/8" J-55 Tbg @ 7086 31'  
1-29 15' SS Blast Jt Btm @ 7115 46'  
1-1 10' SN @ 7116 56'  
1-20' 2-3/8" open end sub @ 7136 56'  
End of Tbg Assemble @ 7136 56'

**Rod Detail:**  
4/7/2001  
1-1-1/4" x 22' polished rod  
1-1-1/2" x 14' polished rod liner  
1-4'x7/8" Pony Rod  
2-6'x7/8" Pony Rod  
157-7/8" Rods 3,925' total  
125-3/4" Rods 3,125' total  
1- 20 125 RHBC 20 4 Pump

**Current  
Wellbore Diagram**

**Well ID Info:**  
Chevno FB1203  
API No 30-025-10203  
Spud Date: 9-18-46  
Compl Date 10-31-46

**Surface Csg:** 13-3/8", 48#, H-40  
**Set:** @ 310' w/ 250 sxs  
**Hole Size:** 17-1/2"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circ

**Intermediate Casing:** 9-5/8", 36#, S-80  
**Set:** @ 2803' w/ 1000 sxs  
**Hole Size:** 12-1/4"  
**Circ:** **TOC:**  
**TOC By:**

**Prod. Csg:** 7", 20#, J-55  
**Set:** @ 5150' w/ 500 sxs  
**Hole Size:** 8-3/4"  
**Circ:** **TOC:**  
**TOC By:**

TOL @ 4884'

Perfs  
Paddock  
5010' - 5120'

**Drk Perfs:**  
6231' - 6351'  
Sqz'd w/350 Sxs cmt

TAC btm @ 6674.89'

Abo Perfs  
6804' - 7092'

CIBP @ 7190'  
(30' cmt on top)

SN @ 7115 37'  
End of Tbg assembly @ 7136 56'

7200' Model D Pkr (9-30-74)

**Granite Wash Perfs:**  
7222'-99'

**Prod. Liner:** 5", 15 & 18#,  
**Set:** TOL @ 4884' thru 7329', cmt w/ 225 sxs  
**Hole Size:** 7"  
**Circ:** **TOC:**  
**TOC By:**

OTD: 5152'  
PBTD: 7160'  
TD: 7330'

Updated: 11/2/11

By: J Lambright (KFJK)

Well. **S.E. Long # 3**

Reservoir **Abo**

**Location:**

660' FSL & 1980' FEL  
Section 11 Unit Letter. O  
Township 22S  
Range 37E  
County Lea State NM

**Elevations:**

GL 3345'  
KB 3360'  
DF

**Proposed  
Wellbore Diagram**

**Well ID Info:**

Chevno FB1203  
API No. 30-025-10203  
Spud Date 9-18-46  
Compl Date 10-31-46

**Surface Csg:** 13-3/8", 48#, H-40  
**Set:** @ 310' w/ 250 sxs  
**Hole Size:** 17-1/2"  
**Circ:** Yes **TOC:** Surface  
**TOC By:** Circ

**Intermediate Casing:** 9-5/8", 36#, S-80  
**Set:** @ 2803' w/ 1000 sxs  
**Hole Size:** 12-1/4"  
**Circ:** **TOC:**  
**TOC By:**

**Prod. Csg:** 7", 20#, J-55  
**Set:** @ 5150' w/ 500 sxs  
**Hole Size:** 8-3/4"  
**Circ:** **TOC:**  
**TOC By:**

TOL @ 4884'

Perfs  
Paddock  
5010' - 5120'

Drk Perfs:  
6231' - 6351'  
Sqz'd w/350 Sxs cmt

**Proposed  
Abo Perfs:**  
6596'-6783'  
**Current  
Abo Perfs:**  
6804'- 7092'

CIBP @ 7190'  
(30' cmt on top)

**Granite Wash Perfs:**  
7222'-99'

7200' Model D Pkr (9-30-74)

**Prod. Liner:** 5", 15 & 18#,  
**Set:** TOL @ 4884' thru 7329', cmt w/ 225 sxs  
**Hole Size:** 7"  
**Circ:** **TOC:**  
**TOC By:**

OTD: 5152'  
PBTD: 7160'  
TD: 7330'

Updated: 11/2/11

By: J. Lambright (KFJK)