

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 July 18, 2013

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

WELL API NO. 30-025-35625
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 BUCHANAN 5
8. Well Number 001
9. OGRID Number 4323
10. Pool name or Wildcat SHIPP STRAWN

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

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

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 2365 feet from NORTH line and 1641 feet from the EAST line  
Section 5 Township 17S Range 37E 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

<b>E-PERMITTING &lt;SWD INJECTION&gt;</b> P CONVERSION _____ RBDMS _____ T RETURN TO _____ TA _____ P CSNG _____ ENVIRO _____ CHG LOC _____ D INT TO PA _____ P&A NR _____ P&A R _____ CLOSED LOC. SYSTEM _____ OTHER: _____	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER PLUG & ABANDONMENT
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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.

PLEASE FIND ATTACHED, THE PLUGGING REPORT FOR WORK DONE FROM 09/11/2015 THROUGH 09/22/2015.

WELL IS NOW PLUGGED.

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 10/15/2015  
Type or print name DENISE PINKERTON E-mail address: [leakejd@chevron.com](mailto:leakejd@chevron.com) PHONE: 432-687-7375  
For State Use Only  
APPROVED BY: Malay G Brown TITLE Dist Supervisor DATE 10/20/2015  
Conditions of Approval (if any):

OCT 20 2015

*dm*

9/11-14 /2015 MIRU plugging equipment. POOH with production equipment.

9/14/2015 RU Wireline Unit. Set CIBP @ 10,794'.

9/15/2015 Tagged CIBP @ 10,794' with tubing. Circulate well with 228 BBL 9.5 PPG Salt Gel. Spot 50 sks Class H cement (16.4 PPG, 1.06 ft<sup>3</sup>/sk yield) @ 10,786'. Displace to 10,380'. WOC.

9/16/2015 Tagged TOC @ 10,473'. Spot 100 sks Class H cement (16.4 PPG, 1.06 ft<sup>3</sup>/sk) @ 8,457'. Displace to 7,835'. WOC.

9/17/2015 Tagged TOC @ 7,660'. Pressure test casing to 500 psi – good test. Spot 100 sks Class C cement (14.8 PPG, 1.33 ft<sup>3</sup>/sk yield) @ 6,906'. Displace to 5,894'. WOC. Tagged TOC @ 5,902'. Spot 80 sks Class C cement (14.8 PPG, 1.33 ft<sup>3</sup>/sk) @ 4,799'. Displace to 3,995'. WOC.

9/18/2015 Tagged TOC @ 3,970'. Perforate @ 3,100'. Attempt to establish injection rate through perforations. Pressured up to 600 psi on tubing. No pressure on 5-1/2" X 8-5/8" annulus. Attempted to establish circulation through 5-1/2" X 8-5/8" annulus with pressure up to 600 psi. Annulus pressured up immediately. No circulation through perforations. Received NMOCD approval to spot cement plug from 3,150' (50' below perforations). Spot 25 sks Class C cement (14.8 PPG, 1.33 ft<sup>3</sup>/sk) @ 3,148'. Displace to 2,895'. WOC.

9/21/2015 Tagged TOC @ 2,953'. Perforate @ 2,100'. Set packer and established circulation through perforations to surface at 5-1/2" X 8-5/8" annulus. Spot 50 sks Class C cement (14.8 PPG, 1.33 ft<sup>3</sup>/sk) under packer to make balanced plug in 5-1/2" casing and 5-1/2" X 8-5/8" annulus. Displace to 1,881'. WOC. Tagged TOC @ 1,844'. Perforate @ 550'.

✓ 9/22/2015. Establish circulation to surface through perforations at 550' from 5-1/2" casing to 5-1/2" X 8-5/8" annulus. Circulate 150 sks Class C cement (14.8 PPG, 1.33 ft<sup>3</sup>/sk) to fill casing and annulus. Verify TOC. RDMO plugging equipment.



Buchanan 5 #1

API 30-025-3625

MD. (TKB)

0.0  
9.8  
12.1  
25.9  
27.9  
34.1  
42.0  
497.0  
498.0  
3,742.1  
4,000.0  
4,219.2  
4,220.1  
7,990.2  
7,991.1  
9,941.9  
10,686.0  
10,689.0  
10,894.0  
10,896.0  
10,912.1  
10,830.1  
10,940.0  
10,962.9  
11,042.0  
11,064.0  
11,065.9  
11,097.1  
11,285.1  
11,287.1  
11,315.0  
11,324.1  
11,325.1

