

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**HOBBS OGD**  
**FEB 06 2018**  
**RECEIVED**

State of New Mexico  
Energy, Minerals & Natural Resources  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104  
Revised August 1, 2011

Submit one copy to appropriate District Office

AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

<sup>1</sup> Operator name and Address CHEVRON U.S.A. INC. 6301 DEAUVILLE BLVD. MIDLAND, TX 79706		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> Reason for Filing Code/ Effective Date NEW WELL - 12/2017
<sup>4</sup> API Number 30 - 025-43595	<sup>5</sup> Pool Name JENNINGS; UPPER BONE SPRING, SHALE	<sup>6</sup> Pool Code 97838
<sup>7</sup> Property Code 317407	<sup>8</sup> Property Name SD WE 15 FED P12	<sup>9</sup> Well Number 3H

**II. <sup>10</sup> Surface Location**

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	15	26S	32E		52	SOUTH	1435	WEST	LEA

**<sup>11</sup> Bottom Hole Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	15	26S	32E		174	NORTH	2147	WEST	LEA

<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code - F	<sup>14</sup> Gas Connection Date - 12/01/2017	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
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**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	WESTERN REFINING	O
	DBM	G
	OWL/MESQUITE/RECYCLE	W

**IV. Well Completion Data**

<sup>21</sup> Spud Date 6/14/2017	<sup>22</sup> Ready Date 10/27/2017	<sup>23</sup> TD 13,855	<sup>24</sup> PBTB 13,799	<sup>25</sup> Perforations 9,192 - 13,673	<sup>26</sup> DHC, MC
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17.5	13 3/8	698	690		
12.25	9 5/8	4,475	1497		
8.75	5 1/2	13,845	1757		
	2 7/8	8,721			

**V. Well Test Data**

<sup>31</sup> Date New Oil 12/01/2017	<sup>32</sup> Gas Delivery Date 12/01/2017	<sup>33</sup> Test Date 12/24/2017	<sup>34</sup> Test Length 24 HRS	<sup>35</sup> Tbg. Pressure 936	<sup>36</sup> Csg. Pressure 110
<sup>37</sup> Choke Size 40/64	<sup>38</sup> Oil 1,127	<sup>39</sup> Water 1,460	<sup>40</sup> Gas 1,950	<sup>41</sup> Test Method FLOWING	

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature:

*Laura Becerra*

Printed name:  
LAURA BECERRA

Title:  
PERMITTING SPECIALIST

E-mail Address:  
LBECERRA@CHEVRON.COM

Date:  
02/01/2018

Phone:  
(432) 687-7665

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*

Title: *Staff Mgr*

Approval Date: *2-8-18*

Pending BLM approvals will subsequently be reviewed and scanned

*GCP 2.6.18*

FEB 06 2018

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Lease Serial No. NMNM118723

1a. Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.
2. Name of Operator CHEVRON USA
3. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706
3a. Phone No. (include area code) Ph: 432-687-7665
4. Location of Well (Report location clearly and in accordance with Federal requirements)\*
10. Field and Pool, or Exploratory JENNINGS;UPR BN SPR SHALE
11. Sec., T., R., M., or Block and Survey or Area Sec 15 T26S R32E Mer NMP
12. County or Parish LEA 13. State NM
14. Date Spudded 06/14/2017 15. Date T.D. Reached 07/07/2017
16. Date Completed [ ] D & A [X] Ready to Prod. 10/27/2017
17. Elevations (DF, KB, RT, GL)\* 3148 GL
18. Total Depth: MD 13855 TVD 9018 19. Plug Back T.D.: MD 13799 TVD
20. Depth Bridge Plug Set: MD TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GR/JB, CBL
22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [X] No [ ] Yes (Submit analysis)
Directional Survey? [ ] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)
Table with columns: Hole Size, Size/Grade, Wt. (#/ft.), Top (MD), Bottom (MD), Stage Cementer Depth, No. of Sk. & Type of Cement, Slurry Vol. (BBL), Cement Top\*, Amount Pulled

24. Tubing Record
Table with columns: Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals
26. Perforation Record
Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.
Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A
Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
CASTILLE	2683	4513	ANHYDRITE	CASTILLE	2683
LAMAR	4514	4541	LIMESTONE	LAMAR	4514
BELL CANYON	4542	5508	SANDSTONE	BELL CANYON	4542
CHERRY CANYON	5509	7120	SANDSTONE	CHERRY CANYON	5509
BRUSHY CANYON	7121	8706	SANDSTONE	BRUSHY CANYON	7121
BONE SPRING LIME	8707	8764	SHALE/LIMESTONE	BONE SPRING LIME	8707
UPPER AVALON	8765	13855	SHALE/LIMESTONE	UPPER AVALON	8765

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

**Electronic Submission #402728 Verified by the BLM Well Information System.  
For CHEVRON USA, sent to the Hobbs**

Name (please print) LAURA BECERRA Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 01/30/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**HOBBS OCD**  
**FEB 06 2018**  
**RECEIVED**

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		5. Lease Serial No. NMNM118723
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator CHEVRON U.S.A. Contact: LAURA BECERRA E-Mail: LBECERRA@CHEVRON.COM		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7665	8. Well Name and No. SD WE 15 FED P12 3H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R32E Mer NMP SESW 52FSL 1435FWL 32.035723 N Lat, 103.666763 W Lon		9. API Well No. 30-025-43595
		10. Field and Pool or Exploratory Area JENNINGS;UPR BN SPR SHALE
		11. County or Parish, State LEA COUNTY COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

THIS REPORT IS FOR THE SPUD, DRILLING OPERATIONS AND COMPLETION OF THE SUBJECT NEW WELL

PLEASE FIND ATTACHED:

- Drilling and completion summary
- "As Drilled" C-102
- Wellbore schematic
- Actual wellpath report
- Frac summary

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #402720 verified by the BLM Well Information System For CHEVRON U.S.A., sent to the Hobbs</b>	
Name (Printed/Typed) LAURA BECERRA	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 01/30/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office _____

Pending BLM approvals will subsequently be reviewed and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Department or agency of the United

(Instructions on page 2)

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**SD WE 15 FED P12 3H**

**30-025-43595**

**DRILLED NEW OIL WELL AS FOLLOWS:**

06/14/2017: SPUD WELL. Drill 110' – 708' TD, surface hole.

**SURFACE CASING**

6/15/2017: Run 13 3/8", 54.5#, J-55 STC surface casing to 698'. Cement in place.

Schlumberger cemented w/TAI 690 sx Class C. Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.37. Returns to surface: 121 bbls of cement to surface.

Displace cement with 97 bbls of FW. Bump plug, hold 630 psi over. Plug bumped on calculated displacement.

6/24/2017: Install test plug. Fill stack & choke manifold. Test full BOPE to 250 psi low/5000 psi high. (3500 high on annular). Test 13 3/8" surface casing to 1,500 psi for 30 minutes. Good test. Drill out float equip, cmt & rathole to 718'.

6/24/2017-6/26/2017: Drill 718'-4,485'

**INTERMEDIATE CASING**

6/26/2017: 4,485' TD intermediate hole. Run 9 5/8", 40#, L-80 LTC csg & set @ 4,475'.

Schlumberger cemented w/LEAD 1,034 sx Class C, Density: 11.90, Yield: 2.41, Fluid mix ratio: 13.65; TAIL 463 sx Class C, Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.37.

Displace cement w/333 bbls OBM. Bump plug w/500 psi over final circ pressure. Cement to surface: 242 bbls cement. Full returns throughout job. Plug bumped at calc displacement.

Install pack off. Test to 5000 psi for 15 mins. Good test.

6/27/2017: Full BOPE test. TOC @ 4,305'. Test 9 5/8" csg to 2800 psi for 30 minutes. Good test. Drill out float equip, cmt & rathole and 10' of formation to 4,495'.

6/27/2017 – 7/7/2017: Drill 4,495'-13,855' TD

**PRODUCTION CASING**

7/7/2017-7/8/2017: Run 5 1/2", 20#, HCP-110 BTC casing to 13,845'.

Schlumberger cemented w/LEAD 642 sx, Class H, Density: 11.50, Yield: 2.65, Fluid mix ratio: 15.37.

LEAD 994 sx, Class H, Density: 12.50, Yield: 1.57, Fluid mix ratio: 8.47.

TAIL 121 sx, Class H, Density: 15.00, Yield: 2.18, Fluid Mix Ratio: 9.55.

Displace cmt w/305 bbls of FW. Bump plug. Hold 500 psi over.

10 bbls of cement to surface, full returns throughout job. Plug bumped on proper displacement.

Conduct 30 min inflow/negative test.

7/9/2017: Release rig @ 03:15 hrs

**COMPLETED NEW DRILL AS FOLLOWS:**

TOC @ 650', PBD @ 13,799'

9/8/2017: MIRU. TIH w/ JB/CBL @ 9,746'. Log well from 9,743' to surface.

9/9/2017: Test Production casing to 9800 psi 30 min. Good.

9/10/2017: Ops suspended, waiting on monoline.

10/9/2017: MIRU frac equipment

10/16/2017-10/27/2017: Perf & frac 23 stages Upper Bone Spring from 9,192'-13,673'. Frac w/TotalProppant 7,325,360.00 lbs.

Date	Top (FtKB)	Btm (FtKB)	Frac / Total Sand (Lbs)	Clean Fl./BBLs
10/27/2017	9,192	9,375	Sand 100 & 30/50 317,713#	8,850
10/26/2017	9,388	9,571	Sand 100 & 30/50 321,738#	8,452
10/26/2017	9,584	9,767	Sand 100 & 30/50 322,156#	8,761
10/25/2017	9,780	9,963	Sand 100 & 30/50 320,872#	8,491
10/25/2017	9,976	10,158	Sand 100 & 30/50 322,003#	8,843
10/24/2017	10,172	10,355	Sand 100 & 3rd sand type 318,028#	8,467
10/24/2017	10,368	10,551	Sand 100 & 3rd sand type 322,390#	9,194
10/23/2017	10,564	10,747	Sand 100 & 3rd sand type 321,167#	8,483
10/22/2017	10,760	10,943	Sand 100 & 3rd sand type 317,606#	8,483
10/22/2017	10,956	11,139	Sand 100 & 40/70 321,045#	8,282
10/22/2017	11,152	11,335	Sand 100 & 40/70 321,421#	8,416
10/21/2017	11,348	11,531	Sand 100 & 40/70 321,293#	8,379
10/21/2017	11,544	11,727	Sand 100 & 40/70 322,781#	9,082
10/20/2017	11,740	11,923	Sand 100 & 40/70 321,269#	8,394
10/20/2017	11,936	12,119	Sand 100 & 40/70 321,068#	8,512
10/20/2017	12,132	12,315	Sand 100 & 40/70 320,838#	8,758
10/19/2017	12,328	12,511	Sand 100 & 40/70 320,734#	8,608
10/19/2017	12,524	12,707	Sand 100 & 40/70 323,191#	9,174
10/18/2017	12,720	12,903	Sand 100 & 40/70 322,002#	8,452
10/18/2017	12,916	13,099	Sand 100 & 40/70 321,608#	8,824
10/17/2017	13,112	13,295	Sand 100 & 40/70 321,879#	8,621
10/17/2017	13,308	13,491	Sand 100 & 40/70 321,553#	8,759
10/16/2017	13,504	13,673	Sand 100 & 40/70 321,573#	8,632

10/28/17-11/12/17: Waiting on CTU

11/13/17-11/15/17: Casing Cleanout

11/25/2017: Ran 2 7/8" tubing set @ 8,721.5'. Packer @ 8,707.6'

11/26/2017: Release rig

12/1/2017: Place well on production

12/24/2017: On 24 hour OPT flowing:

Oil – 1127

Gas – 1950

Water – 1460

GOR – 1730

Tubing psi – 936

Casing psi – 110

Choke – 40/64

TOC – 650'