

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

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-104  
Revised August 1, 2011

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

**HOBBS OCD**  
**AUG 14 2017**  
**RECEIVED**

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

<sup>1</sup> Operator name and Address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TEXAS 79705		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> Reason for Filing Code/ Effective Date NEW WELL EFFECTIVE 07/2017
<sup>4</sup> API Number 30 - 25-43460	<sup>5</sup> Pool Name JENNINGS; UPPER BONE SPRING, SHALE	<sup>6</sup> Pool Code 97838
<sup>7</sup> Property Code 317068	<sup>8</sup> Property Name SD WE 23 FED P25	<sup>9</sup> Well Number 1H

**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	23	26S	32E		260	SOUTH	2603	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	14	26S	32E		193	NORTH	1810	WEST	LEA

<sup>12</sup> Lse Code	<sup>13</sup> Producing Method Code	<sup>14</sup> Gas Connection Date	<sup>15</sup> C-129 Permit Number	<sup>16</sup> C-129 Effective Date	<sup>17</sup> C-129 Expiration Date
FEDERAL	FLOWING	07/01/2017			

**III. Oil and Gas Transporters**

<sup>18</sup> Transporter OGRID	<sup>19</sup> Transporter Name and Address	<sup>20</sup> O/G/W
	WESTERN PIPELINE	OIL
	DBM	GAS

**IV. Well Completion Data**

<sup>21</sup> Spud Date	<sup>22</sup> Ready Date	<sup>23</sup> TD	<sup>24</sup> PBTB	<sup>25</sup> Perforations	<sup>26</sup> DHC, MC
01/24/2017	06/10/2017	19,196	19,136	9228-19,004	
<sup>27</sup> Hole Size	<sup>28</sup> Casing & Tubing Size	<sup>29</sup> Depth Set	<sup>30</sup> Sacks Cement		
17 1/2"	13 3/8"	742	920 SX		
12 1/4"	9 5/8"	4591	1511 SX		
8 3/4"	5 1/2"	19,186	2641 SX		
	2 7/8" TBG	8619'			

**V. Well Test Data**

<sup>31</sup> Date New Oil	<sup>32</sup> Gas Delivery Date	<sup>33</sup> Test Date	<sup>34</sup> Test Length	<sup>35</sup> Tbg. Pressure	<sup>36</sup> Csg. Pressure
07/01/2017	07/01/2017	08/06/2017	24 HRS	849	490
<sup>37</sup> Choke Size	<sup>38</sup> Oil	<sup>39</sup> Water	<sup>40</sup> Gas	<sup>41</sup> Test Method	
48/64	391	1218	673	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: *Denise Pinkerton*

Printed name:  
DENISE PINKERTON

Title:  
REGULATORY SPECIALIST

E-mail Address:  
Leakejd@chevron.com

Date: 08/08/2017  
Phone: 432-687-7375

OIL CONSERVATION DIVISION	
Approved by:	<i>[Signature]</i>
Title:	Petroleum Engineer
Approval Date:	08/18/17

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OOD**

AUG 14 2017

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.*

**RECEIVED**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM118723
2. Name of Operator CHEVRON U.S.A. INC. Contact: DENISE PINKERTON E-Mail: leakejd@chevron.com		6. If Indian, Allottee or Tribe Name
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7375	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T26S R32E Mer NMP 260FSL 2603FWL		8. Well Name and No. SD WE 23 FED P25 1H
		9. API Well No. 30-025-43460
		10. Field and Pool or Exploratory Area JENNINGS;UPR BN SPR, SHAL
		11. County or Parish, State LEA 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
	<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 recomplete 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 recompletion 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.

PLEASE SEE ATTACHED DOCUMENTS FOR DETAILED WORK DONE TO DRILL AND COMPLETE THE SUBJECT WELL.

ATTACHMENTS INCLUDE:  
SPUD, DRILL, COMPLETE REPORT  
AS DRILLED PLAT  
PERFORATION SUMMARY  
FRAC SUMMARY  
WELLBORE SCHEMATIC

14. I hereby certify that the foregoing is true and correct.  
**Electronic Submission #384097 verified by the BLM Well Information System  
For CHEVRON U.S.A. INC., sent to the Hobbs**

Name (Printed/Typed) DENISE PINKERTON	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 08/08/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
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 _____

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.

(Instructions on page 2)

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

**SD WE 23 FED P25 #1H**                      **30-025-43460**

**DRILLED NEW OIL WELL AS FOLLOWS:**

01/24/2017: SPUD WELL. Drill 150-752'.

**Surface Casing**

01/24/2017: TD 17 ½" hole.

**RUN 13 3/8" 54.5# J-55 STC SURFACE CASING & SET @ 742'**

**Schlumberger CEMENTED w/TAIL 920 SX CLASS C NEAT. DENSITY:14.80, YIELD: 1.35, FLUID MIX RATIO: 6.57**

Displace cement w/104 bbls FW. Plug did not bump. Cement to surface: 90 bbls cmt. 100% returns throughout job.

01/25/2017: Install test plug. Fill stack & choke manifold. Test BOPE to 250 psi low/5000 psi high

01/26/2017: Tag TOC @ 696'. Test 13 3/8" csg to 1607psi for 30 minutes. Good Test.

Drill 10' new formation to 762'.

01/26/2017 through 01/28/2017: Drill 762 – 4601'.

01/28/2017: Notified Paul Flowers/BLM @ 11:00 hrs of intent to run & cement csg.

**Intermediate Casing**

01/29/2017: TD 12 ¼" hole.

**RUN 9 5/8" 40# HCK-55 LTC CASING & SET @ 4591'.**

**Schlumberger CEMENTED w/Lead 1050 SX CLASS C . DENSITY:11.90, YIELD 2.43, FLUID MIX RATIO 13.98, AND Tail 461 SX CLASS C. DENSITY:14.80, YIELD 1.33, FLUID MIX RATIO 6.35**

Displace cement w/342 bbls 9.3 OBM. Bump plug w/500psi over final circ pressure. 180 bbls cement to surface. Lost circ 260 bbls into displacement. Regained returns 310 bbls into displacement by slowing rate to 4 bbl/min.

03/24/2017: Install test plug. Fill stack & choke manifold. Test BOPE to 250 psi low/5000 psi high  
Test 9 5/8" casing to 2800 psi for 30 minutes. Good test.

Drill 10' new formation to 4611.

03/24/2017 through 04/08/2017: Drill 4611 – 19,196' TD

04/09/2017: Notified Steve Caffey at BLM @ 08:30 hrs of intent to run casing.

**Production Casing**

04/10/2017: TD 8 ¾" hole.

**RUN 5 ½" 20# HCP-110 TXP BTC-S CASING & SET @ 19,186'.**

Circulate bottoms up @ 4451, 8365, & 13802. Test hanger to 5000 psi for 15 mins. Good test.

04/11/2017: Schlumberger CEMENTED W/LEAD 560 SX CLASS H, DENSITY: 11.50, YIELD: 2.77, FLUID MIX RATIO:16.19

& LEAD 2 W/1960 SX CLASS H, DENSITY:12.50, YIELD: 1.57, FLUID MIX RATIO: 8.47

& TAIL W/121 SX CLASS H, DENSITY:15.00, YIELD:2.18, FLUID MIX RATIO:9.55.

Displace cement w/424 bbls FW. Bump Plug. Cement to surface: 10 bbls. Full returns throughout job. Conduct 30 minute inflow/negative test. Rig down flow line, rig floor eqpt, & BOPE.

04/14/2017: RELEASE RIG @ 15:30 hrs.

**COMPLETED NEW DRILL AS FOLLOWS:**

TOC @ 2250' by CBL. PBSD @ 19,136'.

05/02/2017: MIRU.

05/03/2017: TIH w/GR/JB to 9158'.

05/05/2017: Test casing @ 9800 psi for 30 mins. Good test.

05/05/2017 through 06/10/2017: Perf & frac 49 stages Upper Bone Spring from 9228 – 19,004. Frac w/Total ProppantL 15,710,286 lbs.

\*See attached detailed frac & perf report

06/22/2017: Ran 2 7/8" tubing set @ 8,619'. Center of Packer @ 8600'. Place well on production on 07/01/2017.

07/24/2017: Release Rig.

08/06/2017: On 24 hr OPT. Flowing 391 oil, 673 gas, & 1218 water.

GOR – 1721

Tbg press: 849 psi

Csg press: 490 psi

Choke: 48/64

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**

5. Lease Serial No.  
NMNM118723

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

2. Name of Operator: CHEVRON U.S.A. INC. Contact: DENISE PINKERTON  
 E-Mail: leakejd@chevron.com

3. Address: 6301 DEAUVILLE BLVD MIDLAND, TX 79706 3a. Phone No. (include area code) Ph: 432-687-7375

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface: Sec 23 T26S R32E Mer NMP 260FSL 2603FWL  
 At top prod interval reported below: Sec 14 T26S R32E Mer NMP 193FNL 1810FWL  
 At total depth: Sec 14 T26S R32E Mer NMP 193FNL 1810FWL

6. If Indian, Allottee or Tribe Name  
 7. Unit or CA Agreement Name and No.  
 8. Lease Name and Well No. SDWE 23 FED P25 1H  
 9. API Well No. 30-025-43460  
 10. Field and Pool, or Exploratory JENNINGS;UPR BN SPR SHALE  
 11. Sec., T., R., M., or Block and Survey or Area Sec 23 T26S R32E Mer NMP  
 12. County or Parish LEA 13. State NM  
 14. Date Spudded 01/24/2017 15. Date T.D. Reached 04/08/2017 16. Date Completed  D & A  Ready to Prod. 06/10/2017  
 17. Elevations (DF, KB, RT, GL)\* 3121 GL  
 18. Total Depth: MD 19196 TVD 9025 19. Plug Back T.D.: MD 19136 TVD 20. Depth Bridge Plug Set: MD TVD  
 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL 22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit analysis)  
 Directional Survey?  No  Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

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
17.500	13.375 J-55	54.5	0	742		920		0	
12.250	9.625 HCK-55	40.0	0	4591		1511		0	
8.750	5.500 HCP-110	20.0	0	19186		2641		2250	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8619	8600						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
UPPER BONE SPRING, SHALE	9228	19004	9228 TO 19004			PRODUCING (SEE DETAILED PER
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9228 TO 19004	TOTAL PROPPANT: 15,710,286 LBS (SEE DETAILED FRAC SUMMARY ATTACHED)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/01/2017	08/06/2017	24	→						FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
48/64	SI	490.0	→	391	673	1218	1721	POW	

28a. Production - Interval B

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	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #384103 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

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
CASTILE	2855	4504	ANHYDRITE	CASTILE	2855
LAMAR	4505	4539	LIMESTONE	LAMAR	4505
BELL CANYON	4540	5549	SANDSTONE	BELL CANYON	4540
CHERRY CANYON	5550	7122	SANDSTONE	CHERRY CANYON	5550
BRUSHY CANYON	7123	8817	SANDSTONE	BRUSHY CANYON	7123
BONE SPRING LIME	8818	8881	SHALE/LIMESTONE	BONE SPRING LIME	8818
UPPER AVALON	8882	19196	SHALE/LIMESTONE	UPPER AVALON	8882

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 #384103 Verified by the BLM Well Information System.  
For CHEVRON U.S.A. INC., sent to the Hobbs**

Name (please print) DENISE PINKERTON Title PERMITTING SPECIALIST

Signature \_\_\_\_\_ (Electronic Submission) Date 08/08/2017

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 \*\*