

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

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

II. ¹⁰ Surface Location

UL or lot no. N	Section 15	Township 26S	Range 32E	Lot Idn	Feet from the 52	North/South Line SOUTH	Feet from the 1435	East/West line WEST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. C	Section 15	Township 26S	Range 32E	Lot Idn	Feet from the 174	North/South line NORTH	Feet from the 2147	East/West line WEST	County LEA
¹² Lse Code F	¹³ Producing Method Code - F	¹⁴ Gas Connection Date - 12/01/2017	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

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

IV. Well Completion Data

²¹ Spud Date 6/14/2017	²² Ready Date 10/27/2017	²³ TD 13,855	²⁴ PBTB 13,799	²⁵ Perforations 9,192 - 13,673	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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

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

⁴² 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:

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:

Title:

Approval Date:

Pending BLM approvals will subsequently be reviewed and scanned

GCP 2.6-18

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FEB 06 2018

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator CHEVRON USA			8. Lease Name and Well No. SD WE 15 FED P12 3H		
3. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706			9. API Well No. 30-025-43595		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SESW 52FSL 1435FWL 32.035723 N Lat, 103.666763 W Lon At top prod interval reported below NENW 174FNL 2147FWL At total depth NENW 174FNL 2147FWL			10. Field and Pool, or Exploratory JENNINGS;UPR BN SPR SHALE		
14. Date Spudded 06/14/2017			15. Date T.D. Reached 07/07/2017		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> 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? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	33	698		690		36	
12.250	9.625 L-80	40.0	33	4475		1497		36	
8.750	5.500 HCP110	20.0	33	13845		1757		36	

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	8721	8708						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
UPR BONE SPRING SHALE	9192	13673	9192 TO 13673	3.130	3	PRODUCING
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
9287 TO 13673	FRAC WITH TOTAL PROPPANT - 7,642,526 LBS **SEE PERF 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
12/01/2017	12/24/2017	24	→						FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		
40/64	936	110.0	→	1127	1950	1460			

28a. Production - Interval B

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

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

ELECTRONIC SUBMISSION #402728 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
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

SUBMIT IN TRIPLICATE - Other instructions on page 2		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.		7. If Unit or CA/Agreement, Name and/or No.
Contact: LAURA BECERRA E-Mail: LBECERRA@CHEVRON.COM		8. Well Name and No. SD WE 15 FED P12 3H
3a. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7665	9. API Well No. 30-025-43595
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		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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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. Electronic Submission #402720 verified by the BLM Well Information System For CHEVRON U.S.A., sent to the Hobbs	
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', PBTD @ 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'