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 OCD
FEB 06 2018
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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

[1] Operator name and Address	[2] OGRID Number
CHEVRON U.S.A. INC. 6301 DEAUVILLE BLVD. MIDLAND, TX 79706	4323
	[3] Reason for Filing Code/ Effective Date NEW WELL – 12/2017

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025–43594	JENNINGS; UPPER BONE SPRING, SHALE	97838
[7] Property Code	[8] Property Name	[9] Well Number
317407	SD WE 15 FED P12	2H

II. [10] 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	1410	WEST	LEA

[11] 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
D	15	26S	32E		177	NORTH	1234	WEST	LEA

[12] Lse Code	[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
F					

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	[22] Ready Date	[23] TD	[24] PBTD	[25] Perforations	[26] DHC, MC
6/15/2017	10/27/2017	13,872	13,816	9,211 – 13,692	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5	13 3/8	702	690
12.25	9 5/8	4,431	1487
8.75	5 1/2	13,862	1757
	2 7/8	8,738	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
12/01/2017	12/01/2017	12/25/2017	24 HRS	782	183
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
50/64	1,100	1,442	2,092		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: Laura Becerra

Printed name: LAURA BECERRA

Title: PERMITTING SPECIALIST

E-mail Address: LBECERRA@CHEVRON.COM

Date: 01/31/2018

Phone: (432) 687-7665

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Staff Mgr

Approval Date: 2-8-18

GCP 2.6.18

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD
FEB 06 2018
RECEIVED

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM118723

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

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

8. Well Name and No.
SD WE 15 FED P12 2H

2. Name of Operator
CHEVRON U.S.A.
Contact: LAURA BECERRA
E-Mail: LBECERRA@CHEVRON.COM

9. API Well No.
30-025-43594

3a. Address
6301 DEAUVILLE BLVD.
MIDLAND, TX 79706

3b. Phone No. (include area code)
Ph: 432-687-7665

10. Field and Pool or Exploratory Area
JENNINGS;UPR BN SPR SHALE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 15 T26S R32E Mer NMP 52FSL 1410FWL

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			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Drilling Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.

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
-Perforation summary
-Frac summary

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #401369 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 01/18/2018

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 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 ****

HOBBS OCD
FEB 06 2018
RECEIVED

Form 3160-4
(August 2007)

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

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator CHEVRON USA
Contact: LAURA BECERRA
E-Mail: LBECERRA@CHEVRON.COM

8. Lease Name and Well No. SD WE 15 FED P12 2H

3. Address 6301 DEAUVILLE BLVD. MIDLAND, TX 79706

3a. Phone No. (include area code) Ph: 432-687-7665

9. API Well No. 30-025-43594

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 52FSL 1410FWL

At top prod interval reported below 177FNL 1234FWL

At total depth 177FNL 1234FWL

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 06/15/2017

15. Date T.D. Reached 07/19/2017

16. Date Completed ☐ D & A ☒ Ready to Prod. 10/26/2017

17. Elevations (DF, KB, RT, GL)* 3147 GL

18. Total Depth: MD 13872 TVD 9044

19. Plug Back T.D.: MD 13816 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? ☒ 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	33	702		690		36	
12.250	9.625 L-80	40.0	33	4431		1487		36	
8.750	5.500 HCP110	20.0	33	13862		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	8738	8716						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UPR BONE SPRING SHALE	9211	13692	9211 TO 13692			PRODUCING - SEE ATTACHED PI
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9211 TO 13692	FRAC WITH TOTAL PROPPANT - 7,642,526 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
12/01/2017	12/25/2017	24	→						FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
50/64	782	183.0	→	1100	2092	1442	1902	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
			→					

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #402931 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATO**

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	2680	4471	ANHYDRITE	CASTILLE	2680
LAMAR	4472	4498	LIMESTONE	LAMAR	4472
BELL CANYON	4499	5458	SANDSTONE	BELL CANYON	4499
CHERRY CANYON	5459	7045	SANDSTONE	CHERRY CANYON	5459
BRUSHY CANYON	7046	8635	SANDSTONE	BRUSHY CANYON	7046
BONE SPRING LIME	8636	8688	SHALE/LIMESTONE	BONE SPRING LIME	8636
UPPER AVALON	8689	13872	SHALE/LIMESTONE	UPPER AVALON	8689

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 #402931 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 02/01/2018

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 fradulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

SD WE 15 FED P12 2H **30-025-43594**
DRILLED NEW OIL WELL AS FOLLOWS:

06/15/2017: SPUD WELL. Drill 109' – 712' TD, surface hole.

SURFACE CASING
6/16/2017: Run 13 3/8", 54.5#, J-55 STC surface casing & set @ 702'. Notified John Stanton at BLM intent to cement casing.
Schlumberger cemented w/TAIL 690 sx Class C. Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.37. Returns to surface: 112 bbls of cement to surface.
Displace cement with 97 bbls of FW. Bump plug, hold 620 psi over. Plug bumped on calculated displacement.
6/21/2017: Install test plug. Fill stack & chock 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 712'. Drill 10' of new formation to 722'.

6/21/2017-6/22/2017: Drill 709'-4,441'

INTERMEDIATE CASING
6/23/2017: TD intermediate hole
Run 9 5/8", 40#, L-80 LTC csg & set @ 4,431'.
Schlumberger cemented w/LEAD 1,027 sx Class C, Density: 11.90, Yield: 2.43, Fluid mix ratio: 13.98, TAIL 460 sx Class C, Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.35.
Displace cement w/335 bbls OBM. Bump plug w/500 psi over final circ pressure. Cement to surface: 210 bbls cement. Full returns throughout job. Plug bumped at calculated displacement.

6/24/2017: Install pack off. Test to 5000 psi for 15 mins. Good test.
7/9/2017: Full BOPE test. Test full BOPE to 250 psi low/5000 psi high (3500 psi on annular)
7/10/2017: TOC @ 4,345'. Test 9 5/8" csg to 2850 psi for 30 minutes. Good test. Drill out float equip, cmt & rathole to 4,441'. Drill 10' new formation to 4,451'.

7/10/2017 – 7/19/2017: Drill 4,451'-13,872' TD

PRODUCTION CASING
7/19/2017-7/20/2017: Run 5 ½", 20#, HCP-110 TXP BTC casing to 13,862'.
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. Returns to surface: 10 bbls of cement to surface
Displace cmt w/305 bbls of FW. Bump plug. Hold 500 psi over.
Full returns throughout job. Plug bumped on proper displacement. Conduct 30 min inflow/negative test.

7/21/2017: Release rig @ 06:00 hrs

COMPLETED NEW DRILL AS FOLLOWS:
TOC @ 0', PBTD @ 13,816'
9/4/2017: MIRU
9/7/2017: TIH w/JB/CBL @ 9,012'. Log well from 9,012' to surface.
9/8/2017: Run CBL, TIH to 8,980'. Log CBL to surface.

9/9/2017: Test Production casing to 9800 psi 30 min. Good. MIRU frac equipment.
9/10/2017: Test csg. Shift RSI sleeve & obtain injection rates.
9/11/2017: Operations suspended waiting on Mono lines/Frac
10/7/2017: MIRU Crane & support equipment start monocline zipper R/U
10/9/2017: Finish testing surface iron and zipper manifold. Change out 1 acid tank {failed Hydrotest due to leak in tank}. Continue 24 hr hydrostatic testing of frac/acid tanks, pump down tanks. Spread additional gravel on location.

10/16/2017-10/27/2017: Perf & frac 23 stages Upper Bone Spring from 9,211'-13,692'. Frac w/TotalProppant 7,642,526 lbs.

Perforation/Frac/Stimulation Details

Date	Top (FtKB)	Btm (FtKB)	Sand Pumped	Total Sand (Lbs)	Clean Fl./BBLS	Slur Vol/BBLS
10/27/2017	9,211	9,394	Sand 100 & 30/50	321,962	9,192	9,541
10/26/2017	9,408	9,590	Sand 100 & 30/50	323,465	8,550	8,900
10/26/2017	9,603	9,786	Sand 100 & 30/50	322,440	8,897	9,246
10/25/2017	9,799	9,978	Sand 100 & 30/50	322,587	8,533	8,882
10/25/2017	9,995	10,178	Sand 100 & 30/50	324,657	7,698	8,049
10/24/2017	10,191	10,374	Sand 100 & 3rd Sand type	320,105	8,488	8,834
10/24/2017	10,387	10,570	Sand 100 & 3rd Sand type	322,044	8,885	9,234
10/23/2017	10,583	10,765	Sand 100 & 3rd Sand type	320,566	8,405	8,752
10/22/2017	10,780	10,962	Sand 100, PW 40/70 & 30/50	333,550	11,545	11,910
10/22/2017	10,975	11,158	Sand 100 & PW 40/70	320,647	8,366	8,717
10/21/2017	11,171	11,354	Sand 100 & PW 40/70	322,110	8,343	8,696
10/21/2017	11,367	11,550	Sand 100 & PW 40/70	321,824	8,339	8,692
10/21/2017	11,563	11,746	Sand 100 & PW 40/70	318,416	7,673	8,022
10/20/2017	11,759	11,942	Sand 100 & PW 40/70	321,290	8,370	8,723
10/20/2017	11,955	12,135	Sand 100 & PW 40/70	323,057	9,086	9,441
10/19/2017	12,151	12,334	Sand 100 & PW 40/70	321,543	8,692	9,045
10/19/2017	12,350	12,530	Sand 100 & PW 40/70	320,915	8,830	9,182
10/18/2017	12,543	12,726	Sand 100 & PW 40/70	324,409	8,445	8,800
10/18/2017	12,739	12,922	Sand 100 & PW 40/70	321,513	8,495	8,848
10/18/2017	12,935	13,118	Sand 100 & PW 40/70	314,417	8,595	8,939
10/17/2017	13,131	13,314	Sand 100 & PW 40/70	322,096	9,589	9,943
10/16/2017	13,327	13,510	Sand 100 & PW 40/70	321,440	8,500	8,853
10/16/2017	13,523	13,692	Sand 100 & PW 40/70	322,098	9,059	9,413

10/16/2017 - 10/27/2017 : Perf and frac 23 stages, Upper Bone Spring, from 9,211' - 13,692'. Frac with **total Proppant 7,642,526 lbs**.

11/12/2017: Ran 2 7/8" tubing set @ 8,738'. Packer @ 8,724.1'

11/22/2017: Release rig

12/1/2017: Place well on production

12/25/2017: On 24 hour OPT flowing:

Oil – 1100
Gas – 2092
Water – 1142
GOR – 1902
Tubing psi – 782
Casing psi – 183
Choke – 50/64
TOC – Surface