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

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

HOBBS OCD
FEB 28 2018
RECEIVED

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 NW – 01/2018

[4] API Number	[5] Pool Name	[6] Pool Code
30 – 025–43675	WC-025 G-06 S263319P; Bone Spring ~~JENNINGS; UPPER BONE SPRING, SHALE~~	~~97838~~ 97955
[7] Property Code 317518	[8] Property Name SD WE 24 FED P24	[9] Well Number 7H

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
P	24	26S	32E		200	SOUTH	1185	EAST	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
A	13	26S	32E		196	NORTH	459	EAST	LEA

[12] Lse Code	[13] Producing Method Code -	[14] Gas Connection Date	[15] C-129 Permit Number	[16] C-129 Effective Date	[17] C-129 Expiration Date
F	F	01/18/2018			

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
8/10/2017	12/08/2017	19,371	19,315	9,227 – 19,196	

[27] Hole Size	[28] Casing & Tubing Size	[29] Depth Set	[30] Sacks Cement
17.5	13 3/8	662	844
12.25	9 5/8	4,536	1487
8.75	5 1/2	19,363	2612
	2 7/8	8,714	

V. Well Test Data

[31] Date New Oil	[32] Gas Delivery Date	[33] Test Date	[34] Test Length	[35] Tbg. Pressure	[36] Csg. Pressure
01/18/2018	01/18/2018	02/08/2018	24 HRS	780	614
[37] Choke Size	**[38] Oil**	**[39] Water**	**[40] Gas**		**[41] Test Method**
64/64	1,513	1,734	2,276		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: 02/22/2018

Phone: (432) 687-7665

OIL CONSERVATION DIVISION

Approved by: Karen Sharp

Title: Staff Mgr

Approval Date: 3-2-18

Pending BLM approvals will subsequently be reviewed and scanned

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
NMLC065876A

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 24 FED P24 7H

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

9. API Well No.
30-025-43675

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 24 T26S R32E Mer NMP SESE 200FSL 1185FEL
32.021488 N Lat, 103.623649 W Lon

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
-Frac summary

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #405307 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 02/21/2018

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

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 kno ..e to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its ju

(Instructions on page 2)

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

SD WE 24 FED P24 7H **30-025-43675**
DRILLED NEW OIL WELL AS FOLLOWS:

08/10/2017: Spud well. Drill 17 ½" surface hole 152' – 672'.

SURFACE CASING
8/10/2017: Run 13 3/8", 54.5#, J-55 STC casing to 662'. Cement in place.
Cemented w/TAIL 844 sx Class C. Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.37. Returns to surface: 105 bbls of cement to surface.
Displace cement with 92 bbls of FW. Bump plug, hold 600 psi over. Plug bumped on calculated displacement.
8/21/2017: Install test plug. Fill stack & choke manifold. Test full BOPE to 250 psi low/5000 psi high. (3500 high on annular). Tag @ 587'. Test 13 3/8" surface casing to 1,500 psi for 30 minutes. Good test. Drill out float equip, cement, rathole and 10' of new formation to 682'.

8/21/2017-8/22/2017: Drill 12 ¼" intermediate hole 672'-4,546'

INTERMEDIATE CASING
8/24/2017: Run 9 5/8", 40#, L-80 LTC casing & set @ 4,536'.
Cemented w/LEAD 1,025 sx Class C, Density: 11.90, Yield: 2.43, Fluid mix ratio: 13.97; TAIL 462 sx Class C, Density: 14.80, Yield: 1.33, Fluid Mix Ratio: 6.36.
Displace cement w/334 bbls OBM. Bump plug w/500 psi over final circ pressure. Cement to surface: 227 bbls cement. Full returns throughout job. Plug bumped at calc displacement.
Install pack off. Test to 5000 psi for 15 mins. Good test.

8/25/2017: Full BOPE test. TOC @ 4,449'. Test 9 5/8" casing to 2,800 PSI for 30 minutes, test good. Drill out float equip, cement, rathole and 10' of formation to 4,556'.
8/25/2017 – 9/6/2017: Drill 8 ½" production hole 4,546'-19,371' TD

PRODUCTION CASING
9/6/2017: Run 5 ½", 20#, HCP-110 BTC casing to 19,363'.
9/8/2017: Cemented w/LEAD 646 sx, Class H, Density: 11.50, Yield: 2.51, Fluid mix ratio: 15.51.
LEAD 1,853 sx, Class H, Density: 12.50, Yield: 1.62, Fluid mix ratio: 9.64.
TAIL 113 sx, Class H, Density: 15.00, Yield: 2.18, Fluid Mix Ratio: 11.42.
Displace cmt w/425 bbls of FW. Bump plug. Hold 500 psi over.
77 bbls of cement to surface, full returns throughout job. Plug bumped on proper displacement.
Conduct 30 min inflow/negative test witnessed by Cade Jackson. WOC and released rig.

COMPLETED NEW DRILL AS FOLLOWS:
TOC @ 1,050', PBTD @ 19,315'
10/29/2017: MIRU. TIH GR/JB/CBL @ 9,270'. Log well from 9,270' to surface.
10/31/2017: Test Production casing to 9800 psi 30 min. Good. MIRU frac equipment
11/1/17 – 11/2/17: Waiting on WL to perforate
11/3/17 – 11/9/17: Perf & frac 11 stages Upper Bone Spring from 17,067'-19,196'.
11/10/17 – 11/13/17: Wire stuck, RU CTU for fishing job.
11/14/2017: Tagged fish @ 17,264, POOH. RD CTU
11/15/17 – 12/8/17: Perf & frac stages 12-51, Upper Bone Spring from 9,227'-17,054'.

Perforation/Frac/Stimulation Details

Date	Top (FtKB)	Btm (FtKB)	Sand Pumped	Total Sand (Lbs)	Clean Fl./BBLS	Slur Vol/BBLS
12/8/2017	9,227	9,410	Sand 100 & 30/50	313,366	9,966	10,306
12/7/2017	9,423	9,606	Sand 100 & 30/50	320,396	9,355	9,702
12/7/2017	9,619	9,802	Sand 100 & 30/50	318,988	9,640	9,986
12/6/2017	9,817	9,998	Sand 100 & 30/50	318,364	9,513	9,858
12/6/2017	10,011	10,194	Sand 100 & 30/50	318,272	9,529	9,876
12/5/2017	10,207	10,390	Sand 100 & 30/50	318,272	9,310	9,654
12/4/2017	10,405	10,585	Sand 100 & 30/50	321,488	9,957	10,305
12/3/2017	10,599	10,782	Sand 100 & 30/50	320,724	11,358	11,706
12/3/2017	10,795	10,978	Sand 100 & 30/50	321,026	9,559	9,907
12/3/2017	10,991	11,174	Sand 100 & 30/50	322,736	9,638	9,988
12/2/2017	11,187	11,370	Sand 100 & 30/50	321,350	9,562	9,909
12/2/2017	11,383	11,566	Sand 100 & 30/50	319,949	9,585	9,931
12/1/2017	11,579	11,762	Sand 100 & 30/50	320,320	9,286	9,633
11/30/2017	11,775	11,958	Sand 100 & 30/50	318,484	9,784	10,129
11/30/2017	11,971	12,153	Sand 100 & 30/50	325,257	9,665	10,018
11/29/2017	12,167	12,351	Sand 100 & 30/50	319,979	9,504	9,852
11/29/2017	12,363	12,545	Sand 100 & 30/50	323,515	9,850	10,201
11/28/2017	12,560	12,742	Sand 100 & 30/50	320,554	9,417	9,765
11/27/2017	12,755	12,938	Sand 100 & 30/50	320,237	9,351	9,698
11/27/2017	12,951	13,129	Sand 100 & 30/50	321,310	10,203	10,551
11/26/2017	13,147	13,330	Sand 100 & 30/50	320,830	9,568	9,916
11/25/2017	13,343	13,526	Sand 100 & 30/50	321,043	10,268	10,615
11/25/2017	13,539	13,722	Sand 100 & 30/50	320,588	9,459	9,806
11/24/2017	13,735	13,918	Sand 100 & 30/50	317,234	9,355	9,699
11/24/2017	13,931	14,114	Sand 100 & 30/50	321,409	10,716	11,064
11/22/2017	14,130	14,310	Sand 100 & 30/50	321,336	9,597	9,945
11/22/2017	14,323	14,506	Sand 100 & 30/50	321,286	10,125	10,473
11/21/2017	14,519	14,699	Sand 100 & 30/50	321,905	9,674	10,023
11/20/2017	14,715	14,898	Sand 100 & 30/50	321,511	9,930	10,278
11/20/2017	14,911	15,094	Sand 100 & 30/50	326,434	10,014	10,368
11/19/2017	15,107	15,290	Sand 100 & 30/50	320,550	10,132	10,480
11/19/2017	15,303	16,485	Sand 100 & 30/50	324,768	9,949	10,300
11/18/2017	15,499	15,682	Sand 100 & 30/50	320,167	10,628	10,974
11/18/2017	15,695	15,878	Sand 100 & 30/50	319,921	12,513	12,860
11/17/2017	15,891	16,074	Sand 100 & 30/50	323,197	11,387	11,737
11/17/2017	16,087	16,270	Sand 100 & 30/50	322,067	10,296	10,644
11/16/2017	16,283	16,466	Sand 100 & 30/50	321,583	11,186	11,534

11/15/2017	16,507	16,662	Sand 100 & 30/50	175,894	10,118	10,309
11/15/2017	16,675	16,858	Sand 100 & 30/50	322,625	7,699	8,049
11/15/2017	16,871	17,054	Sand 100 & 30/50	321,224	10,522	10,870
11/9/2017	17,067	17,249	Sand 100 & 30/50	310,582	10,948	11,285
11/9/2017	17,263	17,446	Sand 100 & 30/50	319,426	12,435	12,781
11/8/2017	17,459	17,642	Sand 100 & 30/50	320,804	9,745	10,092
11/8/2017	17,655	17,838	Sand 100 & 30/50	318,543	10,207	10,552
11/7/2017	17,851	18,032	Sand 100 & 30/50	293,700	10,681	11,001
11/7/2017	18,046	18,230	Sand 100, PW 40/70 & 30/50	322,480	11,881	12,231
11/6/2017	18,243	18,426	Sand 100, PW 40/70 & 30/50	320,961	9,749	10,098
11/5/2017	18,439	18,622	Sand 100 & PW 40/70	322,032	9,819	10,173
11/5/2017	18,635	18,817	Sand 100 & PW 40/70	321,975	10,449	10,803
11/4/2017	18,829	18,981	Sand 100 & PW 40/70	322,436	9,042	9,396
11/3/2017	19,027	19,196	Sand 100 & PW 40/70	321,610	8,341	8,693

11/3/2017 - 12/8/2017 : Perf and frac 51 stages, Upper Bone Spring, from 9,227' - 19,196'. Frac with **total Proppant 16,184,708 lbs**.

12/8/17: Waiting on CTU
12/22/17-12/30/17: RU CTU, casing cleanout, RD
1/9/2018: Test BOPE before NU. Ran 2 7/8" tubing set @ 8,826'. Packer @ 8,812'
1/11/2018: Release rig
1/18/2018: Place well on production

2/8/2018: On 24 hour OPT flowing:
Oil – 1,513
Gas – 2,276
Water – 1,734
GOR – 1,504
Tubing PSI – 780
Casing PSI – 614
Choke – 64/64
TOC – 1,050'

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. NMLC065876A

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 24 FED P24 7H

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

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

9. API Well No.: 30-025-43675

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: SESE 200FSL 1185FEL 32.021488 N Lat, 103.623649 W Lon Sec 24 T26S R32E Mer NMP
At top prod interval reported below: NENE 196FNL 459FEL 32.049852 N Lat, 103.621292 W Lon Sec 13 T26S R32E Mer NMP
At total depth: NENE 196FNL 459FEL 32.049852 N Lat, 103.621292 W Lon Sec 13 T26S R32E Mer NMP

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

11. Sec., T., R., M., or Block and Survey or Area: Sec 24 T26S R32E Mer NMP

12. County or Parish: LEA

13. State: NM

14. Date Spudded: 08/10/2017

15. Date T.D. Reached: 09/06/2017

16. Date Completed ☐ D & A ☒ Ready to Prod. 12/08/2017

17. Elevations (DF, KB, RT, GL)*: 3136 GL

18. Total Depth: MD 19371 TVD 9121

19. Plug Back T.D.: MD 19315 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	34	662		844		34	
12.250	9.625 L-80	40.0	34	4536		1487		34	
8.750	5.500 HCP110	20.0	34	19363		2612		34	

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	8826	8812						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) UPR BONE SPRING SHALE	9227	19196	9227 TO 19196			PRODUCING - SEE ATTACHED PI
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9227 TO 19196	FRAC WITH TOTAL PROPPANT - 16,184,708 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
01/18/2018	02/08/2018	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
64/64	780	614.0	→	1513	2276	1734	1504	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 Ratio	Well Status
			→					

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #405587 VERIFIED BY THE BLM WELL INFORMAT

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMI ERATOR-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	2888	4714	ANHYDRITE	CASTILLE	2888
LAMAR	4715	4751	LIMESTONE	LAMAR	4715
BELL CANYON	4752	5794	SANDSTONE	BELL CANYON	4752
CHERRY CANYON	5795	7354	SANDSTONE	CHERRY CANYON	5795
BRUSHY CANYON	7355	8966	SANDSTONE	BRUSHY CANYON	7355
BONE SPRING LIME	8967	9020	SHALE/LIMESTONE	BONE SPRING LIME	8967
UPPER AVALON	9021	19371	SHALE/LIMESTONE	UPPER AVALON	9021

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 #405587 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 02/23/2018

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 ****