

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.  
NMNM118108

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.  
NMNM138618

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

8. Lease Name and Well No.  
HH SO 17 20 FED 001 5H

3. Address 6301 DEAUVILLE BLVD.  
MIDLAND, TX 79706  
3a. Phone No. (include area code)  
Ph: 432-687-7665

9. API Well No.  
30-015-45102

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 Sec 8 T26S R27E Mer NMP  
 At surface SESW 230FSL 1872FWL 32.050400 N Lat, 104.214863 W Lon  
 Sec 17 T26S R27E Mer NMP  
 At top prod interval reported below NWNW 355FNL 1333FWL 32.048797 N Lat, 104.216580 W Lon  
 Sec 20 T26S R27E Mer NMP  
 At total depth SWSW 166FSL 1155FWL 32.020929 N Lat, 104.216904 W Lon

10. Field and Pool, or Exploratory  
PURPLE SAGE; WOLFCAMP (GAS)

11. Sec., T., R., M., or Block and Survey  
or Area Sec 8 T26S R27E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
08/28/2018

15. Date T.D. Reached  
03/28/2019

16. Date Completed  
 D & A  Ready to Prod.  
11/15/2019

17. Elevations (DF, KB, RT, GL)\*  
3258 GL

18. Total Depth: MD 20216 TVD 9532

19. Plug Back T.D.: MD 20083 TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
MUD LOG, MWD GAMMA

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	28	445		380		28	
12.250	9.625 HCL-80	43.5	28	9144	2150	2422		28	
8.500	5.500 P-110	20.0	28	20198		3332		7202	

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	9369	9347						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP (GAS)	10051	20015	10051 TO 20015	3.130		OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10051 TO 20015	1.2 MM BBLs FLUID & 23.7 MM# PROPPANT

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
12/31/2019	01/16/2020	24	→	440.0	3137.0	3216.0	56.5	0.08	GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
64	SI 1584	108.0	→				7	PGW	

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.	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 #507816 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.)  
NO MEASURABLE GAS

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
				SALADO	614
				LAMAR	2088
				BELL CANYON	2133
				CHERRY CANYON	2943
				BRUSHY CANYON	4048
				BONE SPRING LIME	5698
				AVALON	6266
				1ST BONE SPRING	6626

32. Additional remarks (include plugging procedure):

FORMATION MD  
2ND BONE SPRING 7,060'  
3RD BONE SPRING 8,257'  
WOLFCAMP A 8,823'  
WOLFCAMP B 9,327'  
WOLFCAMP C - Target 9,532'

Updated prod tbg string depth & packer depth to included KB

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 #507816 Verified by the BLM Well Information System.  
For CHEVRON USA, sent to the Carlsbad**

Name (please print) LAURA BECERRA Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 03/19/2020

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 \*\***

**Additional data for transaction #507816 that would not fit on the form**

32. Additional remarks, continued