

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

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
⁴ API Number 30 - 015-43937		³ Reason for Filing Code/ Effective Date New Well / 5/10/2018
⁵ Pool Name PURPLE SAGE;WOLFCAMP (GAS)	⁶ Pool Code 48220	
⁷ Property Code 317044	⁸ Property Name HH SO 10 P3	⁹ Well Number 8H

II. ¹⁰ Surface Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	3	26S	27E		603	SOUTH	2066	WEST	EDDY

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
O	15	26S	27E		198	SOUTH	2369	EAST	EDDY

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				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Plains Pipeline, L.P.	O
	Enterprise Texas Pipeline LLC	G
	NM OIL CONSERVATION ARTESIA DISTRICT	
	JUL 03 2018	

IV. Well Completion Data

RECEIVED

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
03/21/2017	05/10/2018	20,225 / 9851	20,282	10,340-20,148	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375 J-55, 54.5 #/ft	445	413 - curc		
12.250	9.625 L-80, 40 #/ft	9,411	1,740 - curc		
8.5	5.500 HCP-110, 20 #/ft	20,328	4,190 - curc		
	2 7/8"	9667			

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
5/10/2018	5/10/2018	6/8/2018	24 Hrs	434	2403
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
36	534 (BCPD)	4089 (BWPD)	4089 (MSCFPD)	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: 6/28/2018 Phone: (432) 687-7665

OIL CONSERVATION DIVISION

Approved by:

Title: Blaine

Approval Date: 7-6-2018

Pending BLM approvals will subsequently be reviewed and scanned

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.
NMNM121473

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 USA
Contact: LAURA BECERRA
E-Mail: LBECCERRA@CHEVRON.COM

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

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface Sec 3 T26S R27E Mer NMP
 SESW 603FSL 2066FWL 32.065613 N Lat, 104.180271 W Lon
 At top prod interval reported below Sec 10 T26S R27E Mer NMP
 NWNE 340FNL 2460FEL 32.062991 N Lat, 104.177834 W Lon
 At total depth Sec 15 T26S R27E Mer NMP
 SWSE 198FSL 2369FEL 32.035401 N Lat, 104.177074 W Lon

14. Date Spudded
03/21/2017
15. Date T.D. Reached
09/26/2017
16. Date Completed
 D & A Ready to Prod.
05/10/2018

6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
HH SO 10 P3 8H
9. API Well No.
30-015-43937
10. Field and Pool, or Exploratory
PURPLE SAGE; WOLFCAMP (GAS)
11. Sec., T., R., M., or Block and Survey
or Area Sec 3 T26S R27E Mer NMP
12. County or Parish
EDDY
13. State
NM
17. Elevations (DF, KB, RT, GL)*
3279 GL

18. Total Depth: MD 20338
TVD 9851
19. Plug Back T.D.: MD 20282
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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J-55	54.5	0	445		413		0	
12.250	9.625 L-80	40.0	0	9411		1740		0	
8.500	5.500 HCP110	20.0	0	20328		4190		0	

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	9667	9667						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP C	10340	20148	10340 TO 20148			PRODUCING - SEE ATTACHED PI
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
10340 TO 20148	FRAC WITH TOTAL PROPPANT - 22,066,253 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
05/10/2018	06/08/2018	24	→	534.0	4089.0	4067.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
36	2403 SI	434.0	→	534	4089	4067		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat	
	SI		→						

Pending BLM approvals will subsequently be reviewed and scanned 

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

ELECTRONIC SUBMISSION #425021 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERA

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
LAMAR	2425	2345	SALT/ANHYDRITE	LAMAR	2425
BELL CANYON	2346	3189	SANDSTONE	BELL CANYON	2346
CHERRY CANYON	3190	4334	SANDSTONE	CHERRY CANYON	3190
BRUSHY CANYON	4335	5969	SANDSTONE	BRUSHY CANYON	4335
BONE SPRING LIME	5970	6085	LIMESTONE	BONE SPRING LIME	5970
UPPER AVALON	6086	6836	SANDSTONE/LIMESTONE	UPPER AVALON	6086
BONESPRING (1ST, 2ND, 3RD)	6837	9073	SANDSTONE	BONESPRING (1ST, 2ND, 3RD)	6837
WOLFCAMP (A, B, C)	9074	9851	SHALE/SANDSTONE	WOLFCAMP (A, B, C)	9074

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 #425021 Verified by the BLM Well Information System.
For CHEVRON USA, sent to the Carlsbad

Name (please print) LAURA BECERRA Title PERMITTING SPECIALIST

Signature (Electronic Submission) Date 06/21/2018

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 ****

HH SO 10 P3 8H
Sec. 3, T26S-R27E NMPM, Eddy County
PBTD: 20,282'

30-015-43937
Purple Sage
TD: 20,325'

Completion Report

Start Date	Summary
12/14/2017	Install TH and Lower Master Valve. Pull BPV
12/16/2017	Perform GR/JB
12/17/2017	CBL Log/NU Frac Stack
12/21/2017	Continue R/U zipper manifold. N/U W/L adapter flanges. Install stand and ladder on well. Begin shell testing mono-line and frac stack.
12/22/2017	Shell test mono-line/frac stack to 750 psi low / 9,800 psi high for 15/15 minutes, good test. Continue R/U Cameron accumulators and hoses. R/U remaining frac iron and install restraints on same. R/U Cameron grease hoses and stands.
12/24/2017	R/U restraints on flowback iron. Test production casing. Perform injection test. Make up lubricator to well and attempt to test same. Troubleshoot and repair Cameron test truck. Repair leaks on Cameron test hose and lubricator.
12/26/2017- 3/12/2018	Perf-Frac 50 stages from 10,340'-20,148'
3/13/2018	RDMO remaining Frac Equip. RU for CTDO
3/14/2018	Neutralize Acid tanks, Start emptying Frac tanks & flowback tanks, Hydrovac Open top tanks, RU for CTDO
3/15/2018	Empty all frac tanks. Spot flowback & open top tanks. R/U and test flowback iron.
3/24/2018	N/U lubricator
3/25/2018	P/U D/O BHA, RIH to first plug, D/O plugs #1-30.
3/26/2018	D/O plugs #31-40. @ 18260' Coil partially parted between reel and horsehead. Weld together and ROOH to ~3200'. Coil fully parted before goosneck.
3/27/2018	Welder weld parted coiled tubing together. Spool coiled tubing on reel while POOH f/ 3200' md. L/D D/O assy. Shut-in well. Prep reel to MOL.
4/1/2018	Waiting on new reel from C&J. Test BOPE and conduct drawdown test.
4/5/2018	Spot and R/U new CT reel and associated equipment, finish testing BOP components, M/U drillout BHA, N/U lubricator, open well and RIH past curve, perform cleanout run, cont. RIH toward plug #41
4/6/2018	RIH to Plug #41. Drill plug #41-48. Unable to wash to plug 49, couldn't get past 19,954'. Perform a 1500' short trip with sweeps. POOH 1,500' to ~18,450' while pumping sweeps per SOP. Begin RIH to plug #49. RIH speed was slow at 2-3 fpm
4/7/2018	RIH towards plug #49. Unable to make any more footage @ 19924' and motor stalled out. POOH and send 20-10-20 sweeps coming out of hole. L/D drillout BHA, M/U packer assembly, RIH w/ packer assembly. Engineer and Asset Development decided to abandon plug #49.
4/8/2018	POOH with packer setting tools. N/D lubricator, L/D bha, perform negative test, shut well in.
4/9/2018	Well SI. Working on other wells
4/26/2018	Install Tbg Hanger/TWC. Press Test. Good Test. Remove TWC. Install BPV. N/D lower master valves. N/U abandonment cap. Production casing: 0 psi / Intermediate casing: 0 psi / Surface casing: 0 psi.
4/29/2018	N/U BOPE & tested t/250L/10,000H, R/U rig & equipment, Loaded pipe racks with 2 7/8" L80 tbg. Tallied pipe. SIFN.
4/30/2018	PJSM, P/U On/Off, 1 jt 2 3/8", 2 7/8" L80 8rd EUE prod tubing w/sn & gas lift mandrels per Weatherford specs. TIH t/9667'. Latch on/off tool to pkr, space out, C&C 210bbls pkr fluid. SIFN.

5/1/2018 PJSM, Land Hngr In 10K Comp, Test tbg t/1000psi for 5min. Tested tbg to 1500psi for 5 min. Chart test prod csg to 1000psi for 15min. Installed TWC. Tested hanger for 15min. good test. Removed TWC. Installed Bpv, N/D 7 1/16" 10k BOPE & Annular, N/U 10k (2 9/16") Prod Tree, Removed BPV, Installed TWC & Tested Void, Valve & Components. Removed TWC. SIFN. RDMO

5/5/2018 PJSM, RU 10K iron, Pumped out burst disc @4800psi, ISITP-2750psi. SIFN. RDMO.

5/10/2018 Put on Production

6/8/2018 24 Hr IP Well Test

Cond (BCPD): 534

Water (BWPD): 4,089

Gas (MSCFPD): 4,067

FTP: 2,403

Line P: 434

Chk Size: 36

Test

Start Date

12/24/2017 Line up to well to perform casing test. Open well and test production casing to 9,800 psi for 30 minutes,

3/3/2018 Testing Hydraulic lubricator to be able to lube in hanger.

3/3/2018 Perform Neg test on hanger. Test passed.

3/4/2018 Perform a pressure test on WH stack and all other connections that were broken.

5/1/2018 Chart test production casing to 1000psi for 15min.

5/1/2018 Chart test hanger (csg open) to 250L/10,000H for 15min. Good test.