

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	
		³ Reason for Filing Code/ Effective Date NEW WELL 11/2017	
⁴ API Number 30 - 025-43640	⁵ Pool Name JENNINGS; UPPER BONE SPRING, SHALE		⁶ Pool Code 97838
⁷ Property Code 317456	⁸ Property Name SD WE 15 FED P9		⁹ Well Number 5H

HOBBS OCD

DEC 26 2017

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II. ¹⁰ Surface Location

UL or lot no. O	Section 15	Township 26S	Range 32E	Lot Idn	Feet from the 12	North/South Line SOUTH	Feet from the 1471	East/West line EAST	County LEA
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¹¹ Bottom Hole Location

UL or lot no. B	Section 15	Township 26S	Range 32E	Lot Idn	Feet from the 178	North/South line NORTH	Feet from the 2253	East/West line EAST	County LEA
¹² Lse Code F	¹³ Producing Method Code FLOWING		¹⁴ Gas Connection Date 11/01/2017		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
	OIL/MESQUITE/RECYCLE	W

IV. Well Completion Data

²¹ Spud Date 04/21/2017	²² Ready Date 10/14/2017	²³ TD 13995	²⁴ PBTB 13938	²⁵ Perforations 9337 - 13,818'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
17.5		13 3/8		689	827
12.25		9 5/8		4533	1494
8.75		5 1/2		13985	1743
		2 7/8		8837	

V. Well Test Data

³¹ Date New Oil 11/01/2017	³² Gas Delivery Date 11/01/2017	³³ Test Date 12/11/2017	³⁴ Test Length 24 HRS	³⁵ Tbg. Pressure 780	³⁶ Csg. Pressure 77
³⁷ Choke Size 55/64	³⁸ Oil 1004	³⁹ Water 1221	⁴⁰ Gas 3242	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:
DENISE PINKERTON

Title:
PERMITTING SPECIALIST

E-mail Address:
leakejd@chevron.com

Date:
12/20/2017

Phone:
432-687-7375

OIL CONSERVATION DIVISION

Approved by:



Title:

Approval Date:

1-19-18

Pending BLM approvals will subsequently be reviewed and scanned

GCP 1-19-18

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. NMNM118723
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. SD WE 15 FED P9 5H
9. API Well No. 30-025-43640
10. Field and Pool or Exploratory Area JENNINGS;UPR BN SPR SHALE
11. County or Parish, State LEA COUNTY, NM

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator CHEVRON U.S.A. INC.	Contact: DENISE PINKERTON E-Mail: leajejd@chevron.com
3a. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706	3b. Phone No. (include area code) Ph: 432-687-7375
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 15 T26S R32E Mer NMP 12FSL 1472FEL	

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 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:

- *Daily drilling operations and completion info
- *"As Drilled" C-102
- *Wellbore Schematic
- *Actual Wellpath Report
- *Perforation Summary
- *Frac Summary

HOBBS OCD

DEC 26 2017

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14. I hereby certify that the foregoing is true and correct. Electronic Submission #398570 verified by the BLM Well Information System For CHEVRON U.S.A. INC., sent to the Hobbs	
Name (Printed/Typed) DENISE PINKERTON	Title PERMITTING SPECIALIST
Signature (Electronic Submission)	Date 12/20/2017

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 w
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 ****

SD WE 15 FED P9 #5H 30-025-43640
DRILLED NEW OIL WELL AS FOLLOWS:

HOBBS OCD

DEC 26 2017

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04/21/2017: **SPUD WELL.** Drill 153 – 700'. TD surface hole.

SURFACE CASING

04/22/2017: Run 13 3/8", 54.5#, J-55 STC surface casing & set @ 689.

Schlumberger cemented w/TAI 827 sx Class C. DENSITY: 14.80, YIELD: 1.33, FLUID MIX RATIO:6.37.

Returns to surface. 108 bbls of cement to surface.

Displace cement with 95 bbls of FW. Bump plug. Hold 600 psi over. Plug bumped on calculated displacement.

04/23/2017: Install test plug. Fill stack & choke manifold. Test full BOPE to 250 psi low/5000 psi high. (3500 high on annular)

04/24/2017: Test 13 3/8" surface casing to 1632 psi for 30 mins. Good test. Drill out float eqpt, cmt, & rathole to 700'. Drill 10' new formation to 710.

Drill 710' – 4543' (4-24-2017 / 4-26-2017)

INTERMEDIATE CASING

04/26/2017: TD intermediate hole.

RUN 9 5/8", 40#, L-80 LTC csg & set @ 4533.

Schlumberger cemented w/LEAD 1032 sx Class C. DENSITY: 11.90, YIELD:2.43, FLUID MIX RATIO:13.98

TAIL 462 sx Class C. DENSITY: 14.80, YIELD:1.35, FLUID MIX RATIO: 6.35.

Displace cement w/338 bbls OBM. Bump plug w/500 psi over final circ pressure. Cement to surface: 225 bbls cement. Full returns throughout job. Plug bumped at calc displacement.

04/27/2017: Install pack off. Test to 5000 psi for 15 mins. Good test.

05/28/2017: FULL BOPE TEST. Test full BOPE to 250 psi low/5000 psi high(3500 psi on annular)

TOC @ 4452'. Test 9 5/8" csg to 2800 psi for 30 minutes. Good test. Drill out float eqpt, cmt, & rathole to 4543. Drill 10' new formation to 4553.

05/28/2017 / 06/07/2017: Drill 4553 – 13,995' TD

PRODUCTION CASING

06/08/2017: Run 5 1/2", 20#, HCP-110 TXP BTC casing to 13,985.

Schlumberger cemented w/LEAD 614 sx Class H. DENSITY: 11.50, YIELD: 2.77, FLUID MIX RATIO: 16.19.

LEAD 1005 sx Class H. DENSITY: 12.50, YIELD:1.57, FLUID MIX RATIO: 8.47.

TAIL 124 sx CLASS H. DENSITY: 15.00, YIELD: 2.18, FLUID MIX RATIO: 9.55.

Displace cmt w/308 bbls of FW. Bump plug. Hold 750 psi over.

Lost returns 270 bbls into displacement. Plug bumped on proper displacement. Conduct 30 min inflow/negative test.

06/10/2017: RELEASE RIG @ 18:00 hrs.

COMPLETED NEW DRILL AS FOLLOWS:

TOC @ 2820'. PBTD @ 13,938'.

08/18/2017: MIRU.

08/19/2017: TIH w/GR/JB, CBL @ 9120'. Log CBL from 9120 to surface.

08/25/2017: Test production casing to 9800 psi 30 mins. Good.

09/26/2017: MIRU frac eqpt.

09/28/2017 through 10/14/2017: Perf & frac 23 stages Upper Bone Spring from 9337 – 13,818'.
Frac w/TotalProppant 7,210,491.00 lbs.

~~**SEE ATTACHED DETAILED PERF & FRAC REPORT~~

11/01/2017: Place well on production.

11/01/2017: Ran 2 7/8" tubing set @ 8837'. Packer @ 8829'.

11/02/2017: Release rig.

12/11/2017: On 24 hour OPT flowing:

Oil – 1004

Gas – 3242

Water – 1221

GOR – 3229

Tubing psi – 780

Casing psi – 77

Choke – 55/64

TOC – 2820'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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 <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 U.S.A. INC.		8. Lease Name and Well No. SD WE 15 FED P9 5H	
3. Address 6301 DEAUVILLE BLVD MIDLAND, TX 79706		9. API Well No. 30-025-43640	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 12FSL 1471FEL At top prod interval reported below 178FNL 2253FEL At total depth 178FNL 2253FEL		10. Field and Pool, or Exploratory JENNINGS;UPR BN SPR SH	
14. Date Spudded 04/21/2017		11. Sec., T., R., M., or Block and Survey or Area Sec 15 T26S R32E Mer NMP	
15. Date T.D. Reached 06/07/2017		12. County or Parish LEA	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/14/2017		13. State NM	
17. Elevations (DF, KB, RT, GL)* 3157 GL			
18. Total Depth: MD TVD 13995 9003		19. Plug Back T.D.: MD TVD 13938	
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 J55	54.5	0	689		827		0	
12.250	9.625 L80	40.0	0	4533		1494		0	
8.750	5.500 HCP110	20.0	0	13985		1743		2820	

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	8837	8829						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
UPR BONE SPRING SHALE	9337	13818	9337 TO 13818			PRODUCING *SEE DETAILED PE
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
9337 TO 13818	FRAC WITH TOTAL PROPPANT - 7,210,491.00 LBS **SEE DETAILED FRAC SUMMARY

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
11/01/2017	12/11/2017	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	
55/64	780	77.0	→	1004	3242	1221	3229	POW	

28a. Production - Interval B

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

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #398628 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
CASTILE	2702	4541	ANHYDRITE	CASTILE	2702
LAMAR	4542	4578	LIMESTONE	LAMAR	4542
BELL CANYON	4579	5532	SANDSTONE	BELL CANYON	4579
CHERRY CANYON	5533	7140	SANDSTONE	CHERRY CANYON	5533
BRUSHY CANYON	7141	8732	SANDSTONE	BRUSHY CANYON	7141
BONE SPRING LIME	8733	8777	SHALE/LIMESTONE	BONE SPRING LIME	8733
UPPER AVALON	8778	13995	SHALE/LIMESTONE	UPPER AVALON	8778

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 #398628 Verified by the BLM Well Information System.
For CHEVRON U.S.A. INC., sent to the Hobbs**

Name (please print) DENISE PINKERTONTitle PERMITTING SPECIALIST

Signature _____ (Electronic Submission)

Date 12/20/2017

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 ****