

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM94187 NM2386A1a. 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
DEVON ENERGY PRODUCTION CO. L Mail: Lucretia.Morris@devn.com8. Lease Name and Well No.
HORNED VIPER 20 FEDERAL 2H3. Address 333 WEST SHERIDAN AVE
OKLAHOMA CITY, OK 731023a. Phone No. (include area code)
Ph: 405-551-83009. API Well No.
30-025-41914-00-S1

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

At surface SWSW 200FSL 1300FWL 32.282988 N Lat, 103.602893 W Lon

At top prod interval reported below SWSW 200FSL 1300FWL

At total depth NWNW 330FNL 660FWL

10. Field and Pool, or Exploratory
CRUZ11. Sec., T., R., M., or Block and Survey
or Area Sec 20 T23S R33E Mer NMP12. County or Parish
LEA13. State
NM14. Date Spudded
01/04/201515. Date T.D. Reached
01/27/201516. Date Completed
☐ D & A ☒ Ready to Prod.
04/24/201517. Elevations (DF, KB, RT, GL)*
3707 GL18. Total Depth: MD 15850
TVD 1104419. Plug Back T.D.: MD 15797
TVD20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
SECTOR VDL GAMMARAY CCL22. 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 H40	48.0	0	1426		1116		0	288
12.250	9.625 HCK-55	40.0	0	5100		2720		0	0
8.750	5.500 P110	17.0	0	15850		1695		5015	0
8.750	7.000 P110	29.0							

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	10621							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	10735	12262	11227 TO 15751		490	OPEN (14865) BS
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
11227 TO 15751	35,307 GALS 15% HCL ACID, 1,204,922# 100MESH WHITE, 4,834,627# 30/50 WHITE, 644,880# 20/40 BLK ULTRA

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
04/24/2015	05/05/2015	24	→	873.0	1074.0	1920.0			FLOW FROM WELL
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	1400	0.0	→	873	1074	1920	1230	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	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #302854 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

Reclamation

Date: 11/5/15

NOV 04 2015



dm

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
BONE SPRING 2ND	10735	12262	OIL	BONE SPRING 2ND	10735

32. Additional remarks (include plugging procedure):

Production Casing: RIH w/ 118 jts 5-1/2" 17# P-110 BTC csg, followed by 240 jts 7" 29# P-110 BTC csg, set @ 15849.6'.

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 #302854 Verified by the BLM Well Information System.
For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs
Committed to AFMSS for processing by LINDA JIMENEZ on 07/27/2015 (15LJ1346SE)

Name (please print) LUCRETIA A MORRISTitle REGULATORY COMPLIANCE ANALYSTSignature (Electronic Submission)Date 05/26/2015

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41914		² Pool Code 14865		³ Pool Name Cruz; Bone Spring	
⁴ Property Code 313357		⁵ Property Name HORNED VIPER 20 FEDERAL COM			⁶ Well Number 2H
⁷ OGRID No. 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.			⁹ Elevation 3706.8

¹⁰ Surface Location

UL or lot no. M	Section 20	Township 23 S	Range 33 E	Lot Idn	Feet from the 200	North/South line SOUTH	Feet from the 1300	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 20	Township 23 S	Range 33 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 660	East/West line WEST	County LEA
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¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>N89°43'04"E 2637.90 FT</p> <p>NW CORNER SEC. 20 LAT. = 32.2975067°N LONG. = 103.6029014°W NMSP EAST (FT) N = 472734.22 E = 767031.14</p> <p>660'</p> <p>330'</p> <p>BOTTOM OF HOLE</p> <p>BOTTOM OF HOLE LAT. = 32.2963947°N LONG. = 103.6029014°W NMSP EAST (FT) N = 472406.90 E = 767590.44</p> <p>W Q CORNER SEC. 20 LAT. = 32.2902467°N LONG. = 103.6028970°W NMSP EAST (FT) N = 470093.05 E = 767050.51</p> <p>HORNED VIPER "20" FED #2H ELEV. = 3706.8' LAT. = 32.2835280°N (NAD83) LONG. = 103.5986874°W NMSP EAST (FT) N = 467657.70 E = 768368.09</p> <p>SURFACE LOCATION</p> <p>SW CORNER SEC. 20 LAT. = 32.2829883°N LONG. = 103.6028929°W NMSP EAST (FT) N = 467452.47 E = 767069.77</p> <p>1300'</p> <p>S89°46'09"W 2638.73 FT</p>		<p>N89°46'10"E 2842.55 FT</p> <p>N Q CORNER SEC. 20 LAT. = 32.2974928°N LONG. = 103.5943663°W NMSP EAST (FT) N = 472747.23 E = 769668.47</p> <p>NE CORNER SEC. 20 LAT. = 32.2974724°N LONG. = 103.5858160°W NMSP EAST (FT) N = 472758.13 E = 772310.54</p> <p>E Q CORNER SEC. 20 LAT. = 32.2902115°N LONG. = 103.5858143°W NMSP EAST (FT) N = 470116.64 E = 772329.48</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.</p> <p>S89°43'06"W 2641.30 FT</p>		<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Lucretia Morris</i> 3/18/2015 Signature Date</p> <p>Lucretia Morris, Regulatory Analyst Printed Name</p> <p>Lucretia.Morris@dmv.com E-mail Address</p>
<p>S00°25'13"W 2641.78 FT</p> <p>S00°25'04"W 2641.20 FT</p>		<p>S00°25'25"E 2641.40 FT</p> <p>S00°24'19"E 2641.59 FT</p>		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 5, 2013 Date of Survey</p> <p>12797</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number: FIDELIX F. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 2137A</p>

PP: 200' FSL & 1300' FWL, Sec 20, T23S, R33E

Project Area: XXXXXXXXXX
Producing Area: XXXXXXXXXX