

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING DECEMBER 12, 2019**

**APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P.,
FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case No. 20962

Danger Noodle 29-20 Fed Com 1H Well
Danger Noodle 29-20 Fed Com 2H Well
Danger Noodle 29-20 Fed Com 3H Well

Case No. 20963

Danger Noodle 29-20 Fed Com 4H Well
Danger Noodle 29-20 Fed Com 5H Well
Danger Noodle 29-20 Fed Com 6H Well
Danger Noodle 29-20 Fed Com 7H Well

Devon Energy Production Company, L.P.

HEARING EXHIBITS

Case No. 20962

Reference: Application – Case No. 20962
Exhibit 1: Affidavit of Andy D. Bennett, Landman, and Supporting Documents
Exhibit 2: Affidavit of John Green, Geologist, and Supporting Documents
Exhibit 3: Notice Affidavit

Case No. 20963

Reference: Application – Case No. 20963
Exhibit 4: Affidavit of Andy D. Bennett, Landman, and Supporting Documents
Exhibit 5: Affidavit of Thomas Peryam, Geologist, and Supporting Documents
Exhibit 6: Notice Affidavit

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL
CONSERVATION DIVISION**

**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY LP FOR A HORIZONTAL SPACING UNIT
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 20962

APPLICATION

Devon Energy Production Company, L.P., ("Devon"), OGRID No. 6137, through its undersigned attorneys, hereby files this Application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) creating a standard 640-acre, more or less, spacing and proration unit comprised of the W/2 of Sections 20 and 29, Township 23 South, Range 33 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation (CRUZ; BONE SPRING [14865]: TRIPLE X; BONE SPRING [59900]) underlying said unit.

In support of its Application, Devon states the following:

1. Devon is a working interest owner in the proposed horizontal spacing and proration unit ("HSU") and has a right to drill a well thereon.
2. Devon proposes to dedicate the HSU to its **Danger Noodle 29-20 Fed Com 2H Well**, an oil well, proposed to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 20. The **Danger Noodle 29-20 Fed Com 2H Well** is the Defining Well for the HSU.
- 3.

4. Devon also proposes the following infill oil wells to be drilled in the HSU: the **Danger Noodle 29-20 Fed Com 1H Well** and the **Danger Noodle 29-20 Fed Com 3H Well**.

5. The **Danger Noodle 29-20 Fed Com 1H Well** is proposed to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 20.

6. The **Danger Noodle 29-20 Fed Com 3H Well** is proposed to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 20.

7. The completed intervals and first and last take points for all wells proposed in the HSU meet the setback requirements set forth in the Division's statewide rules and regulations for horizontal oil wells. Pursuant to 19.15.16.15(B)(1)(b) NMAC, Devon will incorporate proximity tracts into its HSU, to the extent necessary, such that the completed interval for the wells will remain within the offset requirements of the Division's statewide rules.

8. Devon has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

9. The pooling of all interests in the Bone Spring formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste and protect correlative rights.

10. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Devon requests that all uncommitted interests in this HSU be pooled and that Devon be designated the operator of the proposed horizontal wells and HSU.

11. Since Devon will request that this case be consolidated with Case No. 20963, involving the Wolfcamp formation in the same lands, and because two pools will be involved with the consolidation, Devon requests approval of downhole commingling, pursuant to 19.15.16.11 NMAC in the event operations require such provision for the two pools or for the two pool codes of the Bone Spring formation.

12. Because the proposed wells will be drilled and completed with other proposed wells, as part of a simultaneous drilling and completion project, Devon requests an extension of the normal 120-day period to drill and complete the initial well, with the provision that one well be drilled and completed within one year after the Division Order.

WHEREFORE, Devon requests that this Application be set for hearing before an Examiner of the Oil Conservation Division on December 12, 2019, and after notice and hearing as required by law, the Division enter an order:

A. Approving the creation of a standard 640-acre, more or less, spacing and proration unit comprising the W/2 of Sections 20 and 29, Township 23 South, Range 33 East, NMPM, Lea County, New Mexico;

B. Pooling all uncommitted mineral interests in the Bone Spring formation (CRUZ; BONE SPRING [14865]: TRIPLE X; BONE SRPING [59900]) underlying the proposed HSU.

C. Designating the Danger Noodle 29-20 Fed Com 2H Well as the defining well for the HSU.

D. Allowing the drilling of the Danger Noodle 29-20 Fed Com 1H Well and the Danger Noodle 29-20 Fed Com 3H Well as infill wells.

E. Allowing downhole commingling pursuant to accommodate the Wolfcamp formation in Devon's Case No. 20963, and any commingling requirements for the two pool codes of the Bone Spring formation.

F. Designating Devon as operator of this HSU and the horizontal wells to be drilled thereon;

G. Authorizing Devon to recover its costs of drilling, equipping and completing these wells;

H. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

I. Setting a 200% charge for the risk assumed by Devon in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

J. Authorizing an extension of the normal 120-day period to drill and complete the initial well with the provision that one well be drilled and completed within one year of the order.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage
Lara Katz
214 McKenzie Street
Santa Fe, New Mexico 87501
Telephone: 970.385.4401
Facsimile: 970.385.4901
darin@abadieschill.com
lara@abadieschill.com

Attorneys for Applicant

Case No. 20962: Application of Devon Energy Production Company L.P. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico.

Applicant in the above-styled cause seeks an order from the Division: (1) creating a standard 640-acre, more or less, horizontal spacing and proration unit comprised of the W/2 of Sections 20 and 29, Township 23 South, Range 33 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation (CRUZ; BONE SPRING [14865]: TRIPLE X; BONE SPRING [59900]) underlying the unit. Said horizontal spacing unit is to be dedicated to the proposed **Danger Noodle 29-20 Fed Com 2H Well**, to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 20. This Well defines the HSU. Also proposed to be drilled are: (1) the **Danger Noodle 29-20 Fed Com 1H Well** to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 20; and (2) the **Danger Noodle 29-20 Fed Com 3H Well** to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 20. The completed intervals and first take and last take points for all wells proposed in the unit meet the Division's statewide setback requirements for horizontal oil wells; Devon will utilize proximity tracts. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells; downhole commingling; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 3 miles east of Artesia, New Mexico.

**STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL
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**APPLICATION OF DEVON ENERGY PRODUCTION
COMPANY LP FOR A HORIZONTAL SPACING UNIT
AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 20962

AFFIDAVIT OF ANDY D. BENNETT

STATE OF OKLAHOMA)
) ss.
COUNTY OF OKLAHOMA)

I, being duly sworn on oath, state the following:

1. I am over the age of eighteen years and have the capacity to execute this Affidavit, which is based on my personal knowledge.
2. I am employed as a Senior Staff Landman with Devon Energy Production Company, L.P. ("Devon"), and I am familiar with the subject application and the lands involved.
3. I graduated from the University of Oklahoma with a Bachelor's degree in Business (Energy Management) in 2008. I have worked at Devon for approximately 10 years, and I have been working in New Mexico for 2 years. My credentials as a petroleum landman have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.
4. This affidavit is submitted in connection with the filing by Devon of the above-referenced spacing and compulsory pooling application pursuant to 19.15.4.12.A(1), (6) NMAC.



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5. The purpose of this application is to force pool uncommitted working interest owners and overriding royalty interest owners into the horizontal spacing unit described below, and in the wells proposed to be drilled in the unit by Devon.

6. Devon seeks an order creating a standard 640-acre, more or less, spacing and proration unit comprised of the W/2 of Section 29, Township 23 South, Range 33 East, NMPM, Lea County, New Mexico, and the W/2 of Section 20, Township 23 South, Range 33 East, NMPM, Lea County, New Mexico, pooling all uncommitted mineral interests in the Bone Spring formation (CRUZ; BONE SPRING with Pooling Code 14865 for Section 20; and the TRIPLE X; BONE SPRING with Pooling Code: 59900 for Section 29) underlying said unit. The proposed spacing unit will be dedicated to the **Danger Noodle 29-20 Fed Com 2H Well**, an oil well, to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 29 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 20. The **Danger Noodle 29-20 Fed Com 2H Well** is the Defining Well for the unit.

7. Devon also proposes the following infill oil wells to be drilled in the unit: the **Danger Noodle 29-20 Fed Com 1H Well**; and the **Danger Noodle 29-20 Fed Com 3H Well**.

8. A plat outlining the unit being pooled is attached hereto as **Exhibit A**, which shows the location of the proposed wells within the unit. The location of all the wells are orthodox, and they meet the Division's offset requirements utilizing the incorporation of proximity tracts.

9. The parties being pooled, the nature of their interests, and their last known addresses are listed on **Exhibit B** attached hereto. **Exhibit B** includes information regarding working interest owners and overriding royalty interest owners.

10. There are no depth severances in the Bone Spring formation in this acreage.

11. The locations and proposed depths of the wells to be drilled on the pooled units are as follows:

Well Name	SHL	BHL	TVD
Danger Noodle 29-20 Fed Com 1H	503' FSL and 1,242' FWL of Section 29	20' FNL and 330' FWL of Section 20	9,530'
Danger Noodle 29-20 Fed Com 2H	503' FSL and 1,272' FWL of Section 29	20' FNL and 1,320' FWL	9,530'
Danger Noodle 29-20 Fed Com 3H	503' FSL and 1,302' FWL of Section 29	20' FNL and 2,310' FWL of Section 20	9,530'

12. I provided the law firm of Abadie & Schill P.C. a list of names and addresses for the uncommitted interest owners and ORRI owners shown on Exhibit B. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. Because not all parties were locatable, notice of this hearing was published in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, to cover any unlocatable parties. There were 9 unlocatable parties purportedly owning overriding royalty interests, as follows: Anne E. Hearn; Audrey Elaine Bernard; Dee Etta Dean; Jackson Garrett Bernard; John Bernard; PFZ LLC; Sally Faegin; Estate of Frank Edwards, deceased; and the Estate of Maria Ester Marquez, deceased. McCombs Energy, LLC, who did not confirm delivery, owns a wellbore only interest in one of the existing wellbores but does not own interest within the proposed unit.

13. Devon has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells.

14. The interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells. However, Devon has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between Devon and another interest owner(s), Devon requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division deems it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and the protection of correlative rights.

15. Proposed C-102's for the wells are attached as **Exhibit C**. The wells will develop the Bone Spring formation (CRUZ; BONE SPRING with Pooling Code 14865; and the TRIPLE X; BONE SPRING with Pooling Code: 59900), which is an oil and gas pool.

16. These three (3) wells will be drilled in the same unit as the four (4) other wells in Case No. 20963, consolidated with this Case. The four (4) other wells have separate laterals to the Wolfcamp formation and Devon does not anticipate downhole commingling to occur. However, given that two pools are involved in these units, Devon requests approval of downhole comingling, pursuant to 19.15.16.11 NMAC, in the event operations require such provision.

17. **Exhibit D** is a sample proposal letter and the AFE for the proposed wells. The estimated cost of the wells set forth in the AFE is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

18. Devon requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing wells. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of southeastern New Mexico. Devon requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

19. Devon requests the maximum cost, plus 200% risk charge be assessed against non-consenting working interest owners.

20. Devon requests that it be designated operator of the unit and wells.

21. Because the proposed wells will be drilled and completed with other proposed wells, as part of a simultaneous drilling and completion project, Devon requests an extension of the normal 120-day period to 365 days to drill and complete the initial well.

22. The Exhibits to this Affidavit were prepared by me, or compiled from Devon's company business records under my direct supervision.

23. The granting of this Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

24. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT

Andy D. Bennett

Andy D. Bennett

Subscribed to and sworn before me this 10th day of December, 2019.



Clint Dake

Notary Public

PLAT

W/2 of Sections 20 & 29, T-23-S, R-33-E, Lea County, New Mexico, Bone Spring Formation

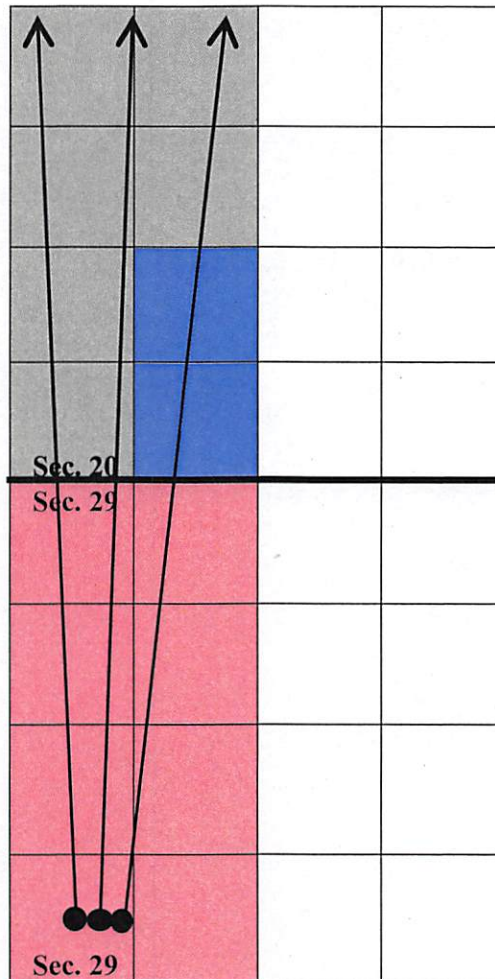
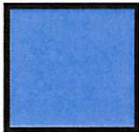
Tract 1:
USA NMNM-107395
(320.00 acres)



Tract 2:
USA NMNM-2386-A
(240.00 acres)



Tract 3:
USA NMNM-94187
(80.00 acres)



1H, 2H, 3H

Danger Noodle 29-20 Fed Com 1H
SHL: 503' FSL & 1,242' FWL
BHL: 20' FNL & 330' FWL

Danger Noodle 29-20 Fed Com 2H
SHL: 503' FSL & 1,272' FWL
BHL: 20' FNL & 1,320' FWL

Danger Noodle 29-20 Fed Com 3H
SHL: 503' FSL & 1,302' FWL
BHL: 20' FNL & 2,310' FWL

EXHIBIT A

Exhibit "B"

OWNERSHIP BREAKDOWN – Bone Spring formation

W/2 of Sections 29 and 20, Township 23 South, Range 33 East of Lea County, NM

Danger Noodle 29-20 Fed Com 1H, 2H, 3H

TRACT 1 OWNERSHIP (W2 of Section 29-T23S-R33E, being 320 acres):

Owner	Net Acres	Unit WI	Status
Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, OK 73102	229.33344	0.358334	Committed
Sharbro Energy, LLC 327 W. Main Street Artesia, NM 88210	6.7368416	0.010526	Uncommitted
EOG Resources Assets, LLC 5506 Champions Drive Midland, TX 79706	74.105261	0.115789	Uncommitted
Magnum Hunter Production Co. (dba Cimarex Energy Co) 600 N. Marienfeld Street, Suite 600 Midland, TX 79701	9.824563	0.015351	Uncommitted
TRACT 1 TOTAL	320.00	0.50	

TRACT 2 OWNERSHIP (NW4 and W2SW4 of Section 20-T23S-R33E, being 240 acres):

Owner	Net Acres	Unit WI	Status
Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, OK 73102	134.485212	0.210133	Committed
Trainer Partners, Ltd. 2802 N. Garfield Street Midland, TX 79705	25.335204	0.039586	Uncommitted
ConocoPhillips Company 16930 Park Row Drive Houston, TX 77084	80.179584	0.125281	Uncommitted
TRACT 2 TOTAL	240.00	0.375	

TRACT 3 OWNERSHIP (E2SW4 of Section 20-T23S-R33E, being 80 acres):

Owner	Net Acres	Unit WI	Status
Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, OK 73102	44.828404	0.070044	Committed
Trainer Partners, Ltd. 2802 N. Garfield Street Midland, TX 79705	8.445068	0.013195	Uncommitted

ConocoPhillips Company	26.726528	0.04176	Uncommitted
16930 Park Row Drive			
Houston, TX 77084			

TRACT 3 TOTAL	80.00	0.125	
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Overriding Royalty Owners

Cactus Energy Inc.	P.O. Box 2412	Midland	TX
CM Royalties LP	306 West Wall Street	Midland	TX
Highland Texas Energy Company	7557 Rambler Road, Suite 918	Dallas	TX
McMullen Minerals, LLC	P.O. Box 470857	Fort Worth	TX
Pegasus Resources, LLC	P.O. Box 470698	Fort Worth	TX
Pony Oil Operating LLC	4245 N. Central Expy, Suite 320, Box 109	Dallas	TX
Rock Ridge Royalty Company, LLC	109 E. 3rd Street	Fort Worth	TX
Steven M Burr, and wife Christy B. Burr	3207 Hanover Ave.	Dallas	TX
TD Minerals LLC	8111 Westchester Drive, Suite 900	Dallas	TX
Truitt Matthews, and wife Michelle R. Matthews	9337 Loma Vista Drive	Dallas	TX
ANDERSON TRUST AMY REHERMANN TRUSTEE	8702 STATE HWY 70	MARYSVILLE	California
ANN E HEARN	1903 HELEN DR	BROWNFIELD	Texas
Audrey Elaine (Deatherage) Bernard	10270 Oak Street	Westminster	CO

Bill Stinebuck, SSP	22989 North 4032 Drive	Bartlesville	Oklahoma
CAROLINA R GREENE	400 E ARRIBA	HOBBS	New Mexic
CBF COMPANY (Wells Fargo NA Real Estate)	PO BOX 41779	AUSTIN	Texas
CBF COMPANY (Wells Fargo NA Real Estate)	PO Box 810490	Dallas	Texas
DANIEL E GONZALES	713 Horseshoe Court	Desoto	Texas
DANIEL E GONZALES	PO BOX 247	SANTA FE	New Mexic
Dee Etta Dean, MSU	6322 Wildhaven Drive	Rowlett	Texas
Donna P. Landreth, MSU	110 W. Louisiana Ave., Ste. 404	Midland	Texas
E L LATHAM COMPANY	1320 S UNIVERSITY DR STE 820	FORT WORTH	Texas
Erma Jo (Holman) Spell	16934 Turkey Point St.	San Antonio	Texas
HENRY C WUNSCH & WIFE MARY ANN WUNSCH	1202 S WYOMING AVE	ROSWELL	New Mexic
Jackson Garrett Bernard	9193 W. 103rd Ave.	Westminster	CO
James L. Dorland, Jr., SSP	2708 50h Street	Lubbock	Texas
James Lee Dorland Jr.	1507 Avion Street	Big Spring	Texas
Jason W. Hicks, SSP	710 Twin View Street	Heath	Texas
Jennifer Herrera, SSP	Commonwealth Court Apt. 9	Brighton	MA
Jennifer S. Hicks, SSP	7637 Parkwood Plaza Drive	Fort Worth	Texas
John Bernard (a/k/a John Pierre Bernard)	14003 S. State Highway 67	Sedalia	CO

JOHNSON COMPANY GARY SCHUBERT - MANAGING PARTNER	PO BOX 1132	HOBBS	New Mexic .
Kelsey Leah Bernard Ramirez	450 Six Pines Road	San Marcos	Texas
KENNETH R DEAN	550 W TEXAS AVE STE 1000	MIDLAND	Texas
Keven Juan Bernard	5274 S. Cathay Way	Centennial	CO
Kimberly Kay (Dorland) Combs (Kim Combs, SSP)	185 Walnut Street	Nocona	Texas
Kyle Fay Shepard	2008 N. Fowler St.	Hobbs	NM
MCMULLEN MINERALS LLC	PO BOX 470857	FORT WORTH	Texas
NORMA J CHANLEY SEP PROP	407 E ARRIBA DR	HOBBS	New Mexic
NORMA J CHANLEY SEP PROP	PO Box 728	HOBBS	New Mexic
PATRICIA C STEWART	101 CAROLYN RD	NOCONA	Texas
PEGASUS RESOURCES LLC	PO BOX 470698	FORT WORTH	Texas
PFZ LLC	3220 S PEORIA, Suite 203	TULSA	Oklahoma
Rita M. Gonzales, MSU	713 Horseshoe Court	Desoto	Texas
ROBERT & JEANNINE BYRON REV TRUST UTA DTD 6-18-03 ROBERT P BYRON TTEE & JEANNINE HOOPER BYRON TTEE	PO BOX 1562	ROSWELL	New Mexic
ROBERT E LANDRETH	110 W LOUISIANA AVE STE 404	MIDLAND	Texas
ROMAN FOUR CORPORATION	16730 PRESTON TRAIL DR	DALLAS	Texas
ROMAN FOUR CORPORATION	17340 Club Hill Drive	Dallas	Texas
ROY G BARTON JR	1919 N TURNER ST	HOBBS	NM

ROY G BARTON JR	16635 Wild Horse Creek Road	Chesterfield	Missouri
Sally Ann Hindman	13401 N. Rancho Vistoso Blvd., Unit 120	Oro Valley	AZ
Sally Faegin, SSP	308 W. 11th	Post	Texas
Stephen B. Howard, SSP	4109 Cap Hollow Drive	Austin	Texas
Stephen Howard (a/k/a Stephen Bradley Howard)	8845 Mountain Ridge Circle	Austin	Texas
The Estate of Elliot Johnson	PO Box 1132	Hobbs	NM
The Estate of Frank Edwards	1612 E. 17th	Big Spring	Texas
The Estate of Maria Ester Marquez	144 Mt. Vernon Ave.	Big Spring	Texas
Virginia Black, SSP	913 Saint George Count	Keller	Texas
WILLIAMSON ENTERPRISES A NOMINEE PARTNERSHIP PAULETTE WILLIAMSON NOMINEE PARTNER	PO BOX 32570	SANTE FE	New Mexic
WILLIAMSON ENTERPRISES A NOMINEE PARTNERSHIP PAULETTE WILLIAMSON NOMINEE PARTNER	1712 Painted Sky	Santa Fe	New Mexic
ZONETTA MOORE TRUST KIMBERLY KAY COMBS TTEE	185 WALNUT ST	NOCONA	Texas

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III
1000 RIO BRAZOS RD., 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, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 14865	Pool Name CRUZ;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 1H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3683.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1242	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	23-S	33-E		20	NORTH	330	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	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

DANGER NOODLE 29-20 FED COM 1H

EL: 3683.1'
LAT:32.269846
LON:103.598864
N:462679.71
E:768347.69

FIRST TAKE POINT

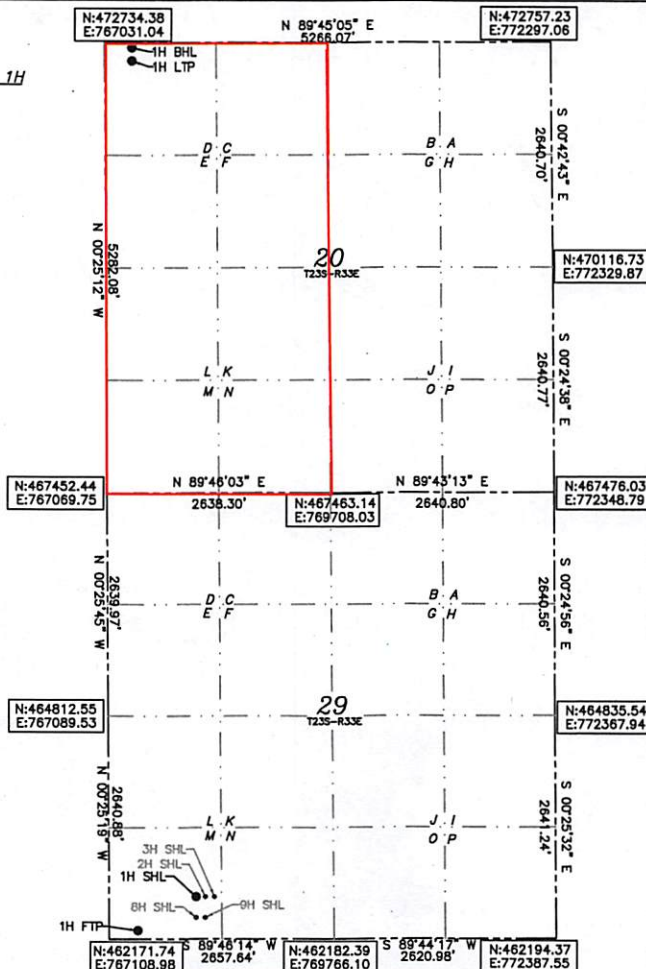
100' FSL 330' FWL SEC. 29
LAT:32.268745
LON:103.601815
N:462273.06
E:767438.24

LAST TAKE POINT

100' FNL 330' FWL SEC. 20
LAT:32.297230
LON:103.601834
N:472635.82
E:767361.77

BOTTOM OF HOLE

LAT:32.297450
LON:103.601834
N:472715.81
E:767361.18



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Rebecca Deal Date: 10/9/2019

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dm.com
E-mail Address

SURVEYOR CERTIFICATION

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.

09/15/2019

Date of Survey

Signature & Seal of Professional Surveyor



09/24/19

Certificate No. 22404 B.L. LAMAN

DRAWN BY: CM

EXHIBIT

1-C

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

Intent ☒ As Drilled ☐

API #			
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.		Property Name: DANGER NOODLE 29-20 FED COM	Well Number 1H

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 300	From N/S FSL	Feet 330	From E/W FWL	County LEA
Latitude 32.269305					Longitude -103.601819			NAD 83	

First Take Point (FTP)

UL M	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 330	From E/W WEST	County LEA
Latitude 32.268745					Longitude 103.601815			NAD 83	

Last Take Point (LTP)

UL D	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 330	From E/W WEST	County LEA
Latitude 32.297230					Longitude 103.601834			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ N

Is this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #			
Operator Name: DEVON ENERGY PRODUCTION CO., L.P.		Property Name: DANGER NOODLE 29-20 FED COM	Well Number 2H

KZ 06/29/2018

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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1000 RIO BRAZOS RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 478-3460 Fax: (505) 478-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 59900	Pool Name TRIPLE X;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 1H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3683.1'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1242	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	20	23-S	33-E		20	NORTH	330	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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

DANGER NOODLE 29-20 FED COM 1H
EL: 3683.1'
LAT: 32.269846
LON: 103.598864
N: 462679.71
E: 768347.69

FIRST TAKE POINT
100' FSL 330' FWL SEC. 29
LAT: 32.268745
LON: 103.601815
N: 462273.06
E: 767438.24

LAST TAKE POINT
100' FNL 330' FWL SEC. 20
LAT: 32.297230
LON: 103.601834
N: 472635.82
E: 767361.77

BOTTOM OF HOLE
LAT: 32.297450
LON: 103.601834
N: 472715.81
E: 767361.18

The diagram shows a survey plat for sections 20 and 29 of Township 23-S, Range 33-E. Section 20 is at the top and section 29 is at the bottom. A well location is marked with a red dot and labeled '1H LTP'. Various survey points are marked with coordinates and bearings. For example, point N:472734.38, E:767031.04 is at the top left. Point N:467452.44, E:767069.75 is at the bottom left. Point N:467476.03, E:772348.79 is at the bottom right. The diagram also shows section lines and bearings such as N 89°45'05" E 5265.07' and S 00°42'43" E 2640.70'.

OPERATOR CERTIFICATION
I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 10/9/2019
Signature Date
Rebecca Deal, Regulatory Analyst
Printed Name
E-mail Address

SURVEYOR CERTIFICATION
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.

09/15/2019
Date of Survey
Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR

09/24/19
Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

Intent ☒ As Drilled ☐

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 1H
---	---	-------------------

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 300	From N/S FSL	Feet 330	From E/W FWL	County LEA
Latitude 32.269305					Longitude -103.601819			NAD 83	

First Take Point (FTP)

UL M	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 330	From E/W WEST	County LEA
Latitude 32.268745					Longitude 103.601815			NAD 83	

Last Take Point (LTP)

UL D	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 330	From E/W WEST	County LEA
Latitude 32.297230					Longitude 103.601834			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ N

Is this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name: DEVON ENERGY PRODUCTION CO., L.P.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 2H
--	---	-------------------

KZ 06/29/2018

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 14865	Pool Name CRUZ;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 2H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3683.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1272	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	23-S	33-E		20	NORTH	1320	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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

DANGER NOODLE 29-20 FED COM 2H

EL: 3683.6'
LAT: 32.269845
LON: 103.598767
N: 462679.83
E: 768377.69

FIRST TAKE POINT

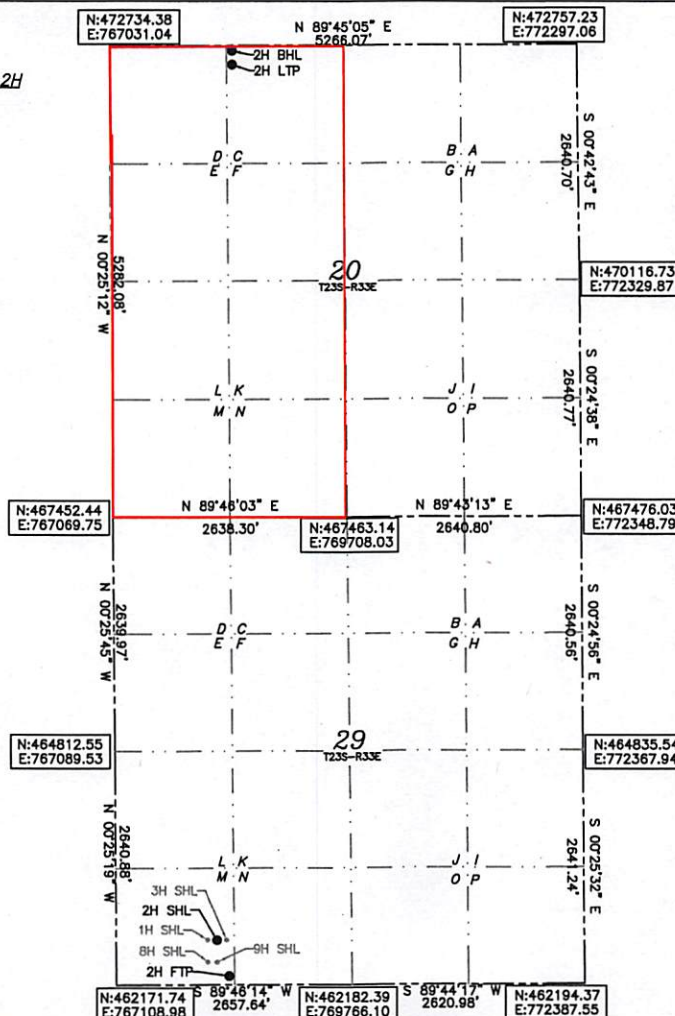
100' FSL 1320' FWL SEC. 29
LAT: 32.268737
LON: 103.598612
N: 462277.03
E: 768428.24

LAST TAKE POINT

100' FNL 1320' FWL SEC. 20
LAT: 32.297223
LON: 103.598630
N: 472640.11
E: 768351.76

BOTTOM OF HOLE

LAT: 32.297443
LON: 103.598630
N: 472720.11
E: 768351.18



Note: All bearings recited herein
are based on the New Mexico
State Plane Coordinate System,
NAD 83, New Mexico East Zone
3001, US Survey Feet, all
distances are grid.

OPERATOR CERTIFICATION

I hereby certify that the information
herein is true and complete to the best of
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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 mineral or working interest,
or to a voluntary pooling agreement or a
compulsory pooling order heretofore entered
by the division.

Rebecca Deal 10/9/2019
Signature Date
Rebecca Deal, Regulatory Analyst
Printed Name
rebecca.deal@dvn.com
E-mail Address

SURVEYOR CERTIFICATION

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.

09/15/2019

Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR
09/24/19
Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☒ As Drilled ☐

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 2H
---	---	-------------------

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 200	From N/S FSL	Feet 1320	From E/W FWL	County LEA
Latitude 32.269012					Longitude -103.598618			NAD 83	

First Take Point (FTP)

UL M	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 1320	From E/W WEST	County LEA
Latitude 32.268737					Longitude 103.598612			NAD 83	

Last Take Point (LTP)

UL C	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 1320	From E/W WEST	County LEA
Latitude 32.297223					Longitude 103.598630			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number
----------------	----------------	-------------

KZ 06/29/2018

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 59900	Pool Name TRIPLE X;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 2H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3683.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1272	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	23-S	33-E		20	NORTH	1320	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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DANGER NOODLE 29-20 FED COM 2H

EL: 3683.6'
LAT:32.269845
LON:103.598767
N:462679.83
E:768377.69

FIRST TAKE POINT

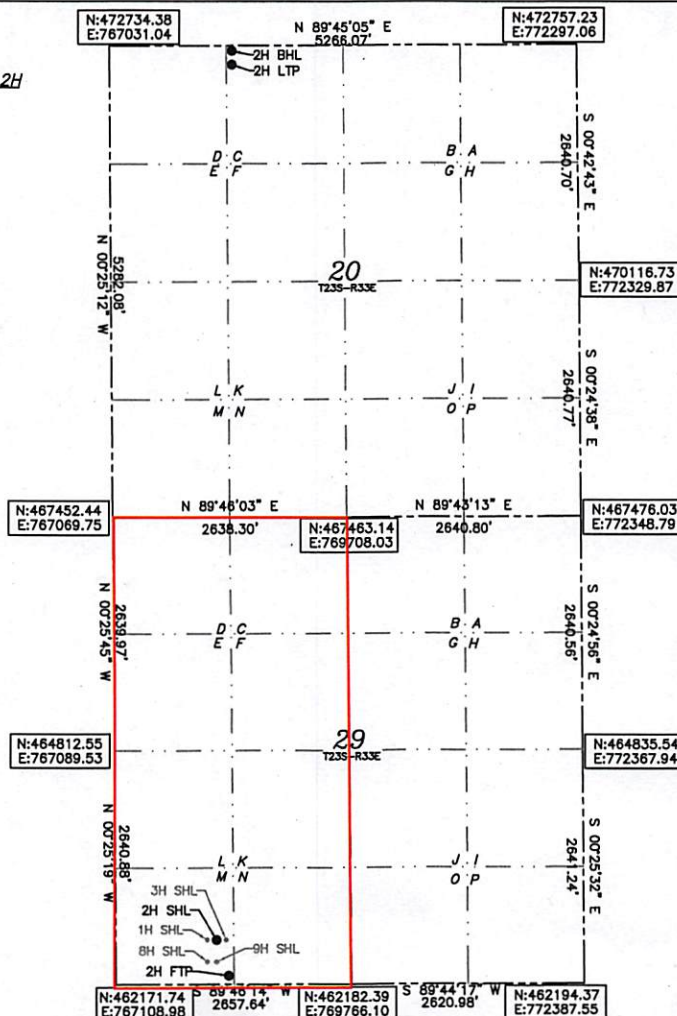
100' FSL 1320' FWL SEC. 29
LAT:32.268737
LON:103.598612
N:462277.03
E:768428.24

LAST TAKE POINT

100' FNL 1320' FWL SEC. 20
LAT:32.297223
LON:103.598630
N:472640.11
E:768351.76

BOTTOM OF HOLE

LAT:32.297443
LON:103.598630
N:472720.11
E:768351.18



Note: All bearings recited herein
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3001, US Survey Feet, all
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or has a right to drill this well at this
location pursuant to a contract with an
owner of such mineral or working interest,
or to a voluntary pooling agreement or a
compulsory pooling order heretofore entered
by the division.

Rebecca Deal 10/9/2019
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dmv.com
E-mail Address

SURVEYOR CERTIFICATION

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.

09/15/2019

Date of Survey

Signature & Seal of Professional Surveyor



09/24/19

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☒ As Drilled ☐

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 2H
---	---	-------------------

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 200	From N/S FSL	Feet 1320	From E/W FWL	County LEA
Latitude 32.269012					Longitude -103.598618				NAD 83

First Take Point (FTP)

UL M	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 1320	From E/W WEST	County LEA
Latitude 32.268737					Longitude 103.598612				NAD 83

Last Take Point (LTP)

UL C	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 1320	From E/W WEST	County LEA
Latitude 32.297223					Longitude 103.598630				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

26

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 14865	Pool Name CRUZ;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3682.7'

Surface Location

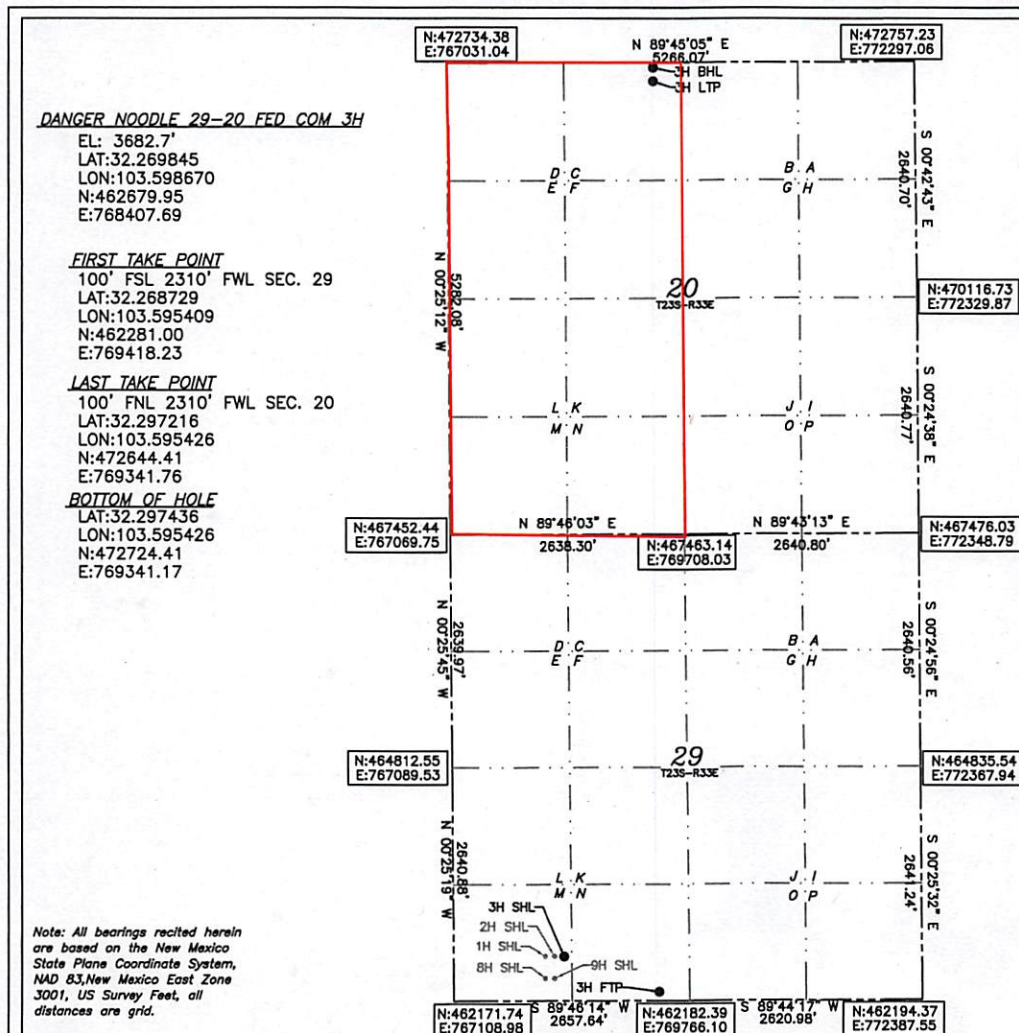
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1302	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	23-S	33-E		20	NORTH	2310	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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



OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 10/9/2019
Signature Date

Rebecca Deal, Regulatory Analyst

Printed Name

rebecca.deal@dvn.com

E-mail Address

SURVEYOR CERTIFICATION

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.

09/15/2019

Date of Survey

Signature & Seal of Professional Surveyor

B. L. LAMAN
NEW MEXICO
22404
PROFESSIONAL SURVEYOR

09/24/19

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☒ As Drilled ☐

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 3H
---	---	-------------------

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 300	From N/S FSL	Feet 2310	From E/W FWL	County LEA
Latitude 32.269268					Longitude -103.595413			NAD 83	

First Take Point (FTP)

UL N	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 2310	From E/W WEST	County LEA
Latitude 32.268729					Longitude 103.595409			NAD 83	

Last Take Point (LTP)

UL C	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 2310	From E/W WEST	County LEA
Latitude 32.297216					Longitude 103.595426			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☐ N

Is this well an infill well? ☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name: Devon Energy Production Co. L.P.	Property Name: Danger Noodle 29-20 Fed Com	Well Number 2H
--	---	-------------------

KZ 06/29/2018

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 59900	Pool Name TRIPLE X;BONE SPRING
Property Code	Property Name DANGER NOODLE 29-20 FED COM	Well Number 3H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3682.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	29	23-S	33-E		503	SOUTH	1302	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	20	23-S	33-E		20	NORTH	2310	WEST	LEA

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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>DANGER NOODLE 29-20 FED COM 3H EL: 3682.7' LAT:32.269845 LON:103.598670 N:462679.95 E:768407.69</p> <p>FIRST TAKE POINT 100' FSL 2310' FWL SEC. 29 LAT:32.268729 LON:103.595409 N:462281.00 E:769418.23</p> <p>LAST TAKE POINT 100' FNL 2310' FWL SEC. 20 LAT:32.297216 LON:103.595426 N:472644.41 E:769341.76</p> <p>BOTTOM OF HOLE LAT:32.297436 LON:103.595426 N:472724.41 E:769341.17</p>	<p>Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Rebecca Deal</i> 10/9/2019 Signature Date</p> <p>Rebecca Deal, Regulatory Analyst Printed Name</p> <p>rebecca.deal@dvn.com E-mail Address</p> <p>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>09/15/2019 Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p>B. L. LAMAN NEW MEXICO 22404 PROFESSIONAL SURVEYOR</p> <p>09/24/19</p> <p>Certificate No. 22404 B.L. LAMAN DRAWN BY: CM</p>
--	--	---

Intent ☒ As Drilled ☐

API #

Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: DANGER NOODLE 29-20 FED COM	Well Number 3H
---	---	-------------------

Kick Off Point (KOP)

UL	Section 29	Township 23S	Range 33E	Lot	Feet 300	From N/S FSL	Feet 2310	From E/W FWL	County LEA
Latitude 32.269268					Longitude -103.595413			NAD 83	

First Take Point (FTP)

UL N	Section 29	Township 23-S	Range 33-E	Lot	Feet 100	From N/S SOUTH	Feet 2310	From E/W WEST	County LEA
Latitude 32.268729					Longitude 103.595409			NAD 83	

Last Take Point (LTP)

UL C	Section 20	Township 23-S	Range 33-E	Lot	Feet 100	From N/S NORTH	Feet 2310	From E/W WEST	County LEA
Latitude 32.297216					Longitude 103.595426			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒

Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name: Devon Energy Production Co. L.P.	Property Name: Danger Noodle 29-20 Fed Com	Well Number 2H
--	---	-------------------

KZ 06/29/2018

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Devon Energy Production Company LP
333 West Sheridan Avenue
Oklahoma City, OK 73102

405 552 8002 Phone
www.devonenergy.com

EXHIBIT "D"

June 24, 2019

EOG Resources Assets, LLC
5509 Champions Drive
Midland, TX 79706

RE: Well Proposals- Danger Noodle 29-20 Fed Com 1H
Danger Noodle 29-20 Fed Com 2H
Danger Noodle 29-20 Fed Com 3H
Danger Noodle 29-20 Fed Com 4H
Danger Noodle 29-20 Fed Com 5H
Danger Noodle 29-20 Fed Com 6H
Danger Noodle 29-20 Fed Com 7H

Lea County, New Mexico

Ladies and Gentlemen:

Devon Energy Production Company, L.P. ("Devon"), as Operator, proposes to drill and complete the following seven (7) wells:

- Danger Noodle 29-20 Fed Com 1H as a horizontal well to an approximate TVD of 9,530' and approximate TMD of 19,530' into the Bone Spring formation at an approximate SHL of 575' FSL and 1,290' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 330' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$2,304,740.77 and total completed well costs of \$7,886,445.48 (includes CTB and flowline costs).
- Danger Noodle 29-20 Fed Com 2H as a horizontal well to an approximate TVD of 9,530' and approximate TMD of 19,530' into the Bone Spring formation at an approximate SHL of 575' FSL and 1,320' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 1,320' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$2,377,199.17 and total completed well costs of \$7,958,903.88 (includes CTB and flowline costs).
- Danger Noodle 29-20 Fed Com 3H as a horizontal well to an approximate TVD of 9,530' and approximate TMD of 19,530' into the Bone Spring formation at an approximate SHL of 575' FSL and 1,350' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 2,310' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of

\$2,831,266.87 and total completed well costs of \$8,412,971.58 (includes CTB and flowline costs).

- Danger Noodle 29-20 Fed Com 4H as a horizontal well to an approximate TVD of 12,550' and approximate TMD of 22,550' into the Wolfcamp formation at an approximate SHL of 325' FSL and 325' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 380' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,167,630.80 and total completed well costs of \$11,801,380.71 (includes CTB and flowline costs).
- Danger Noodle 29-20 Fed Com 5H as a horizontal well to an approximate TVD of 12,350' and approximate TMD of 22,350' into the Wolfcamp formation at an approximate SHL of 325' FSL and 1,290' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 1,005' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,167,630.80 and total completed well costs of \$11,801,380.71 (includes CTB and flowline costs).
- Danger Noodle 29-20 Fed Com 6H as a horizontal well to an approximate TVD of 12,550' and approximate TMD of 22,550' into the Wolfcamp formation at an approximate SHL of 325' FSL and 1,320' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 1,630' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,167,630.80 and total completed well costs of \$11,801,380.71 (includes CTB and flowline costs).
- Danger Noodle 29-20 Fed Com 7H as a horizontal well to an approximate TVD of 12,350' and approximate TMD of 22,350' into the Wolfcamp formation at an approximate SHL of 325' FSL and 2,315' FWL of Section 29-T23S-R33E and an approximate BHL of 20' FNL and 2,260' FWL of Section 20-23S-33E, Lea County, New Mexico (collectively with all seven proposed wells, the "Wells"). Enclosed for your review is Devon's AFE, indicating drilling costs of \$4,167,630.80 and total completed well costs of \$11,801,380.71 (includes CTB and flowline costs).

Devon reserves the right to modify the locations and drilling plans described above in order to address surface and subsurface concerns. Devon will advise of any such modifications.

Devon is proposing to drill the Wells under the terms of the modified and superseding 2015 AAPL form of Operating Agreements ("JOA's"). The JOA's will be supplied to those parties interested in participating. The JOA's will have the following general provisions:

- Devon Energy Production Company, L.P. named as Operator
- Contract area of the W/2 of Sections 29 and 20 - T23S-R33E, being approximately 640.00 acres
- 100/400% Non-Consenting Penalty

Please indicate your election to participate in the drilling and completion of the Wells in the spaces provided below, within 30 days of receipt, by signing and returning one (1) copy of this letter and AFE,

June 24, 2019

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along with your well data requirements sheet. A Communization Agreement for said Wells will be supplied for your review and execution at a later date.

If your election is to participate, a cash call invoice will be sent following receipt of a timely election.

If an agreement cannot be reached within 30 days of receipt of this letter by all parties, Devon will apply to the New Mexico Oil Conversation Division for compulsory pooling of your interest into a spacing unit for the Wells, if uncommitted at such time.

Please do not hesitate to contact me at (405) 552-8002 or via email at Andy.Bennett@devon.com if you have any questions concerning this proposal.

Very truly yours,

Devon Energy Production Company, L.P.



Andy Bennett
Senior Staff Landman

EOG Resources Assets, LLC:

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 1H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 1H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 2H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 2H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 3H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 3H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 4H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 4H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 5H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 5H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 6H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 6H Well

_____ **To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 7H Well

_____ **Not To Participate** in the proposal of the Danger Noodle 29-20 Fed Com 7H Well

Agreed to and Accepted this _____ day of _____, 2019.

EOG Resources Assets, LLC

By: _____

Title: _____



Authorization for Expenditure

AFE # XX-134210

Well Name: Danger Noodle 29-20 Fed Com 1H

Cost Center Number: 1094085401

Legal Description: SEC 29-23S-33E

Revision: ☐

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Explanation and Justification:

DRILL AND COMPLETE THE DANGER NOODLE 29-20 FED COM 1H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060100	DYED LIQUID FUELS	73,340.88	0.00	0.00	73,340.88
6080100	DISPOSAL - SOLIDS	0.00	1,050.00	0.00	1,050.00
6080110	DISP-SALTWATER & OTH	0.00	94,500.00	0.00	94,500.00
6090100	FLUIDS - WATER	58,950.00	290,446.80	0.00	349,396.80
6090120	RECYC TREAT&PROC-H2O	0.00	261,811.20	0.00	261,811.20
6100100	PERMIT SURVEY&TITLE	30,000.00	8,000.00	0.00	38,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110120	ROAD&SITE PREP M&S	0.00	23,024.40	0.00	23,024.40
6110130	ROAD&SITE PREP SVC	64,803.33	12,600.00	0.00	77,403.33
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6130130	COMM SERVICE - SCADA	0.00	80,000.00	0.00	80,000.00
6130170	COMM SVCS - WAN	3,276.67	0.00	0.00	3,276.67
6130360	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
6130370	RTOC - GEOSTEERING	12,294.97	0.00	0.00	12,294.97
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRITG&WL SV	0.00	318,937.50	0.00	318,937.50
6160100	MATERIALS & SUPPLIES	404.53	0.00	0.00	404.53
6170100	PULLING&SWABBING SVC	0.00	84,341.25	0.00	84,341.25
6170110	SNUBBG&COIL TUBG SVC	0.00	26,250.00	0.00	26,250.00
6190100	TRCKG&HL-SOLID&FLUID	16,181.11	0.00	0.00	16,181.11
6190110	TRUCKING&HAUL OF EQP	40,800.00	15,751.05	0.00	56,551.05
6200130	CONSLT & PROJECT SVC	115,677.22	108,780.00	0.00	224,457.22
6230120	SAFETY SERVICES	26,294.30	0.00	0.00	26,294.30
6300270	SOLIDS CONTROL SRVCS	12,135.83	0.00	0.00	12,135.83
6310120	STIMULATION SERVICES	0.00	2,560,393.16	0.00	2,560,393.16
6310200	CASING & TUBULAR SVC	53,293.00	0.00	0.00	53,293.00
6310250	CEMENTING SERVICES	169,500.00	0.00	0.00	169,500.00
6310280	DAYWORK COSTS	510,817.42	0.00	0.00	510,817.42
6310300	DIRECTIONAL SERVICES	156,263.31	0.00	0.00	156,263.31
6310310	DRILL BITS	92,672.50	0.00	0.00	92,672.50
6310330	DRILL&COMP FLUID&SVC	72,790.74	6,825.00	0.00	79,615.74
6310380	OPEN HOLE EVALUATION	10,615.15	0.00	0.00	10,615.15
6310480	TSTNG-WELL, PL & OTH	0.00	141,461.34	0.00	141,461.34
6310600	MISC PUMPING SERVICE	0.00	74,627.30	0.00	74,627.30
6320100	EQPMNT SVC-SRF RNTL	83,555.92	408,832.19	0.00	492,388.11
6320110	EQUIP SVC - DOWNHOLE	37,756.95	75,915.00	0.00	113,671.95
6320160	WELDING SERVICES	850.00	0.00	0.00	850.00
6350100	CONSTRUCTION SVC	0.00	182,066.67	0.00	182,066.67
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550110	MISCELLANEOUS SVC	24,109.00	0.00	0.00	24,109.00
6630110	CAPITAL OVERHEAD	6,067.92	25,367.20	0.00	31,435.12
6740340	TAXES OTHER	212.69	0.00	0.00	212.69
	Total Intangibles	1,713,663.44	4,811,480.06	0.00	6,525,143.50

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-134210

Well Name: Danger Noodle 29-20 Fed Com 1H

Cost Center Number: 1094085401

Legal Description: SEC 29-23S-33E

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Revision: ☐

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060180	ELEC & PWRLINE EQUIP	0.00	9,000.00	0.00	9,000.00
6130120	COMM DEVICES - SCADA	0.00	27,797.00	0.00	27,797.00
6230130	SAFETY EQUIPMENT	5,634.86	0.00	0.00	5,634.86
6300150	SEPARATOR EQUIPMENT	0.00	380,105.20	0.00	380,105.20
6310130	ARTIFICIAL LIFT EQP	0.00	42,000.00	0.00	42,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	87,806.25	0.00	87,806.25
6310460	WELLHEAD EQUIPMENT	39,855.00	63,210.00	0.00	103,065.00
6310530	SURFACE CASING	46,838.25	0.00	0.00	46,838.25
6310540	INTERMEDIATE CASING	143,066.50	0.00	0.00	143,066.50
6310550	PRODUCTION CASING	292,284.72	0.00	0.00	292,284.72
6310580	CASING COMPONENTS	43,398.00	0.00	0.00	43,398.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	160,306.20	0.00	160,306.20
	Total Tangibles	591,077.33	770,224.65	0.00	1,361,301.98

TOTAL ESTIMATED COST	2,304,740.77	5,581,704.71	0.00	7,886,445.48
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-134211

Well Name: Danger Noodle 29-20 Fed Com 2H

Cost Center Number: 1094085501

Legal Description: SEC 29-23S-33E

Revision: []

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Explanation and Justification:

DRILL AND COMPLETE THE DANGER NOODLE 29-20 FED COM 2H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060100	DYED LIQUID FUELS	76,776.22	0.00	0.00	76,776.22
6080100	DISPOSAL - SOLIDS	0.00	1,050.00	0.00	1,050.00
6080110	DISP-SALTWATER & OTH	0.00	94,500.00	0.00	94,500.00
6090100	FLUIDS - WATER	58,950.00	290,446.80	0.00	349,396.80
6090120	RECYC TREAT&PROC-H2O	0.00	261,811.20	0.00	261,811.20
6100100	PERMIT SURVEY&TITLE	30,000.00	8,000.00	0.00	38,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110120	ROAD&SITE PREP M&S	0.00	23,024.40	0.00	23,024.40
6110130	ROAD&SITE PREP SVC	64,803.33	12,600.00	0.00	77,403.33
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6130130	COMM SERVICE - SCADA	0.00	80,000.00	0.00	80,000.00
6130170	COMM SVCS - WAN	3,430.16	0.00	0.00	3,430.16
6130360	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
6130370	RTOC - GEOSTEERING	13,282.77	0.00	0.00	13,282.77
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRTG&WL SV	0.00	318,937.50	0.00	318,937.50
6160100	MATERIALS & SUPPLIES	423.48	0.00	0.00	423.48
6170100	PULLING&SWABBING SVC	0.00	84,341.25	0.00	84,341.25
6170110	SNUBBG&COIL TUBG SVC	0.00	26,250.00	0.00	26,250.00
6190100	TRCKG&HL-SOLID&FLUID	16,939.05	0.00	0.00	16,939.05
6190110	TRUCKING&HAUL OF EQP	40,800.00	15,751.05	0.00	56,551.05
6200130	CONSLT & PROJECT SVC	120,603.79	108,780.00	0.00	229,383.79
6230120	SAFETY SERVICES	27,525.95	0.00	0.00	27,525.95
6300270	SOLIDS CONTROL SRVCS	12,704.28	0.00	0.00	12,704.28
6310120	STIMULATION SERVICES	0.00	2,560,393.16	0.00	2,560,393.16
6310200	CASING & TUBULAR SVC	53,293.00	0.00	0.00	53,293.00
6310250	CEMENTING SERVICES	169,500.00	0.00	0.00	169,500.00
6310280	DAYWORK COSTS	534,744.49	0.00	0.00	534,744.49
6310300	DIRECTIONAL SERVICES	163,807.58	0.00	0.00	163,807.58
6310310	DRILL BITS	92,672.50	0.00	0.00	92,672.50
6310330	DRILL&COMP FLUID&SVC	72,886.07	6,825.00	0.00	79,711.07
6310380	OPEN HOLE EVALUATION	11,636.64	0.00	0.00	11,636.64
6310480	TSTNG-WELL, PL & OTH	0.00	141,461.34	0.00	141,461.34
6310600	MISC PUMPING SERVICE	0.00	74,627.30	0.00	74,627.30
6320100	EQPMNT SVC-SRF RNTL	87,503.26	408,832.19	0.00	496,335.45
6320110	EQUIP SVC - DOWNHOLE	40,618.69	75,915.00	0.00	116,533.69
6320160	WELDING SERVICES	850.00	0.00	0.00	850.00
6350100	CONSTRUCTION SVC	0.00	182,066.67	0.00	182,066.67
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550110	MISCELLANEOUS SVC	27,109.00	0.00	0.00	27,109.00
6630110	CAPITAL OVERHEAD	6,352.14	25,367.20	0.00	31,719.34
6740340	TAXES OTHER	222.65	0.00	0.00	222.65
	Total Intangibles	1,768,435.05	4,811,480.06	0.00	6,579,915.11

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-134211

Well Name: Danger Noodle 29-20 Fed Com 2H

Cost Center Number: 1094085501

Legal Description: SEC 29-23S-33E

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Revision: ☐

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060180	ELEC & PWRLINE EQUIP	0.00	9,000.00	0.00	9,000.00
6130120	COMM DEVICES - SCADA	0.00	27,797.00	0.00	27,797.00
6230130	SAFETY EQUIPMENT	5,981.70	0.00	0.00	5,981.70
6300150	SEPARATOR EQUIPMENT	0.00	380,105.20	0.00	380,105.20
6310130	ARTIFICIAL LIFT EQP	0.00	42,000.00	0.00	42,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	87,806.25	0.00	87,806.25
6310460	WELLHEAD EQUIPMENT	59,855.00	63,210.00	0.00	123,065.00
6310530	SURFACE CASING	46,260.00	0.00	0.00	46,260.00
6310540	INTERMEDIATE CASING	143,066.50	0.00	0.00	143,066.50
6310550	PRODUCTION CASING	290,202.92	0.00	0.00	290,202.92
6310580	CASING COMPONENTS	43,398.00	0.00	0.00	43,398.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	160,306.20	0.00	160,306.20
	Total Tangibles	608,764.12	770,224.65	0.00	1,378,988.77

TOTAL ESTIMATED COST	2,377,199.17	5,581,704.71	0.00	7,958,903.88
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-134212

Well Name: Danger Noodle 29-20 Fed Com 3H

Cost Center Number: 1094085601

Legal Description: SEC 29-23S-33E

Revision: ☐

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Explanation and Justification:

DRILL AND COMPLETE THE DANGER NOODLE 29-20 FED COM 3H

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060100	DYED LIQUID FUELS	76,374.68	0.00	0.00	76,374.68
6080100	DISPOSAL - SOLIDS	0.00	1,050.00	0.00	1,050.00
6080110	DISP-SALTWATER & OTH	0.00	94,500.00	0.00	94,500.00
6090100	FLUIDS - WATER	58,950.00	290,446.80	0.00	349,396.80
6090120	RECYC TREAT&PROC-H2O	0.00	261,811.20	0.00	261,811.20
6100100	PERMIT SURVEY&TITLE	30,000.00	8,000.00	0.00	38,000.00
6100110	RIGHT OF WAY	25,000.00	0.00	0.00	25,000.00
6110120	ROAD&SITE PREP M&S	0.00	23,024.40	0.00	23,024.40
6110130	ROAD&SITE PREP SVC	64,803.33	12,600.00	0.00	77,403.33
6110170	DAMAGE & REMEDIATION	5,000.00	0.00	0.00	5,000.00
6130130	COMM SERVICE - SCADA	0.00	80,000.00	0.00	80,000.00
6130170	COMM SVCS - WAN	4,288.64	0.00	0.00	4,288.64
6130360	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
6130370	RTOC - GEOSTEERING	13,218.12	0.00	0.00	13,218.12
6140160	ENV-SERVICES	1,000.00	0.00	0.00	1,000.00
6150100	CH LOG PERFRGT&WL SV	0.00	318,937.50	0.00	318,937.50
6160100	MATERIALS & SUPPLIES	529.46	0.00	0.00	529.46
6170100	PULLING&SWABBING SVC	0.00	84,341.25	0.00	84,341.25
6170110	SNUBBG&COIL TUBG SVC	0.00	26,250.00	0.00	26,250.00
6190100	TRCKG&HL-SOLID&FLUID	21,178.45	0.00	0.00	21,178.45
6190110	TRUCKING&HAUL OF EQP	40,800.00	15,751.05	0.00	56,551.05
6200130	CONSLT & PROJECT SVC	148,159.95	108,780.00	0.00	256,939.95
6230120	SAFETY SERVICES	34,414.99	0.00	0.00	34,414.99
6300270	SOLIDS CONTROL SRVCS	15,883.84	0.00	0.00	15,883.84
6310120	STIMULATION SERVICES	0.00	2,560,393.16	0.00	2,560,393.16
6310200	CASING & TUBULAR SVC	53,293.00	0.00	0.00	53,293.00
6310250	CEMENTING SERVICES	169,500.00	0.00	0.00	169,500.00
6310280	DAYWORK COSTS	543,532.46	0.00	0.00	543,532.46
6310300	DIRECTIONAL SERVICES	172,535.78	0.00	0.00	172,535.78
6310310	DRILL BITS	129,000.00	0.00	0.00	129,000.00
6310330	DRILL&COMP FLUID&SVC	72,909.81	6,825.00	0.00	79,734.81
6310370	MOB & DEMOBILIZATION	345,295.53	0.00	0.00	345,295.53
6310380	OPEN HOLE EVALUATION	11,568.20	0.00	0.00	11,568.20
6310480	TSTNG-WELL, PL & OTH	0.00	141,461.34	0.00	141,461.34
6310600	MISC PUMPING SERVICE	0.00	74,627.30	0.00	74,627.30
6320100	EQPMNT SVC-SRF RNTL	107,338.78	408,832.19	0.00	516,170.97
6320110	EQUIP SVC - DOWNHOLE	39,856.96	75,915.00	0.00	115,771.96
6320160	WELDING SERVICES	15,050.00	0.00	0.00	15,050.00
6350100	CONSTRUCTION SVC	0.00	182,066.67	0.00	182,066.67
6520100	LEGAL FEES	10,000.00	0.00	0.00	10,000.00
6550110	MISCELLANEOUS SVC	24,109.00	0.00	0.00	24,109.00
6630110	CAPITAL OVERHEAD	7,941.92	25,367.20	0.00	33,309.12
6740340	TAXES OTHER	221.49	0.00	0.00	221.49
	Total Intangibles	2,241,754.39	4,811,480.06	0.00	7,053,234.45

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.



Authorization for Expenditure

AFE # XX-134212

Well Name: Danger Noodle 29-20 Fed Com 3H

Cost Center Number: 1094085601

Legal Description: SEC 29-23S-33E

Revision: ■

AFE Date: 10/29/2019

State: NM

County/Parish: LEA

Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6060180	ELEC & PWRLINE EQUIP	0.00	9,000.00	0.00	9,000.00
6130120	COMM DEVICES - SCADA	0.00	27,797.00	0.00	27,797.00
6230130	SAFETY EQUIPMENT	6,046.04	0.00	0.00	6,046.04
6300150	SEPARATOR EQUIPMENT	0.00	380,105.20	0.00	380,105.20
6310130	ARTIFICIAL LIFT EQP	0.00	42,000.00	0.00	42,000.00
6310150	CASG-COND&DRIVE PIPE	20,000.00	0.00	0.00	20,000.00
6310420	TUBING & COMPONENTS	0.00	87,806.25	0.00	87,806.25
6310460	WELLHEAD EQUIPMENT	39,855.00	63,210.00	0.00	103,065.00
6310530	SURFACE CASING	46,260.00	0.00	0.00	46,260.00
6310540	INTERMEDIATE CASING	143,066.50	0.00	0.00	143,066.50
6310550	PRODUCTION CASING	290,886.94	0.00	0.00	290,886.94
6310580	CASING COMPONENTS	43,398.00	0.00	0.00	43,398.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	160,306.20	0.00	160,306.20
Total Tangibles		589,512.48	770,224.65	0.00	1,359,737.13

TOTAL ESTIMATED COST	2,831,266.87	5,581,704.71	0.00	8,412,971.58
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WORKING INTEREST OWNER APPROVAL

Company Name:

Signature:

Print Name:

Title:

Date:

Email:

Note: Please include/attach well requirement data with ballot.

Costs on this form are estimates only. Working Interest Owners should not consider these estimates as establishing any limit on the monies which will be required to perform the proposed operation.

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