BEFORE THE OIL CONSERVATION COMMISSION EXAMINER HEARING SEPTEMBER 05, 2019

J. S. S.

CASE NOS. 20727 AND 20728

Papas Fritas 27-22 Fed Com 622H Well Papas Fritas 27-22 Fed Com 623H Well Papas Fritas 27-22 Fed Com 713H Well Papas Fritas 27-22 Fed Com 621H Well Papas Fritas 27-22 Fed Com 711H Well Papas Fritas 27-22 Fed Com 712H Well

EDDY COUNTY, NEW MEXICO



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

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P. FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NOS. 20727 & 20728

<u>AFFIDAVIT OF VERL BROWN</u> <u>IN SUPPORT OF CASE NOS. 20727 AND 20728</u>

Verl Brown, of lawful age and being first duly sworn, declares as follows:

1. My name is Verl Brown. I work for Devon Energy Production Company, L.P.

("Devon") as a Landman.

2. I have not previously testified before the New Mexico Oil Conservation Division

as an expert witness in petroleum land matters. I graduated from the University of Tulsa with a

Bachelor's Degree in Energy Management in 2011, and I graduated from Oklahoma City

University School of Law with a Juris Doctor in 2017. Since June 2011 I have worked as a

landman in New Mexico and Oklahoma. My curriculum vitae is attached hereto as Devon Exhibit

No. A-1. I seek to have my credentials as an expert petroleum landman accepted and made a matter

of public record.

3. I am familiar with the applications filed by Devon in Case Nos. 20727 and 20728,

and I am familiar with the status of the lands in the subject area.

4. None of the uncommitted parties has indicated opposition to these pooling

applications, and therefore I do not expect any opposition at the hearing.

CASE NO. 20727

- 5. In this case, Devon is seeking an order pooling all uncommitted interests in the Wolfcamp formation underlying a 640-acre standard horizontal spacing unit comprised of the E/2 of Sections 22 and 27, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico.
- 6. Devon seeks to dedicate the above horizontal spacing unit to the following proposed wells:
 - The Papas Fritas 27-22 Fed Com 622H well to be horizontally drilled from a surface hole location in the SW/4 SE/4 (Unit O) of Section 27 to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 22.
 - The Papas Fritas 27-22 Fed Com 623H well and the Papas Fritas 27-22 Fed Com 713H well, both of which will be horizontally drilled from surface hole locations in the SE/4 SE/4 (Unit P) of Section 27 to bottom hole locations in the NE/4 NE/4 (Unit A) of Section 22.
- 7. Devon has prepared draft Form C-102s to file with the Division for these proposed wells that are attached hereto as **Devon Exhibit A-2**, **Devon Exhibit A-3**, and **Devon Exhibit A-4**. The first and last take points for each well are shown on the C-102s. These wells are located in the Purple Sage; Wolfcamp (Gas) Pool (Pool Code 98220), and Devon has applied for administrative approval of the non-standard locations of these wells.
 - 8. There are no depth severances in the Wolfcamp formation underlying this acreage.
- 9. **Devon Exhibit A-5** identifies the tracts of land comprising the proposed horizontal spacing unit that includes federal land. This exhibit shows the interest owners that Devon seeks to pool and provides a unit recapitulation, showing the percentage of ownership interests in the proposed spacing unit.

- 10. Devon is seeking to pool both working interest owners and overriding royalty interest owners identified on Exhibit A-5.
- 11. A copy of the well proposal letter for the wells, along with the corresponding AFEs, is attached as **Devon Exhibit A-6**. The costs reflected in the AFEs are consistent with what Devon and other operators have incurred for drilling similar horizontal wells in the area.

CASE NO. 20728

- 12. In this case, Devon is seeking an order pooling all uncommitted interests in the Wolfcamp formation underlying a 640-acre standard horizontal spacing unit comprised of the W/2 of Sections 22 and 27, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico.
- 13. Devon seeks to dedicate the above horizontal spacing unit to the following proposed wells:
 - The Papas Fritas 27-22 Fed Com 621H well and the Papas Fritas 27-22
 Fed Com 711H well, both of which will be horizontally drilled from surface hole locations in the NW/4 NW/4 (Unit D) of Section 34 to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 22.
 - The Papas Fritas 27-22 Fed Com 712H well to be horizontally drilled from a surface hole location in the SW/4 SE/4 (Unit O) of Section 27 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 22.
- 14. Devon has prepared draft Form C-102s to file with the Division for these proposed wells that are attached hereto as **Devon Exhibit A-7**, **Devon Exhibit A-8**, and **Devon Exhibit A-9**. The first and last take points for each well are shown on the C-102s. These wells are located in the Purple Sage; Wolfcamp (Gas) Pool (Pool Code 98220), and Devon has applied for administrative approval of the non-standard locations of these wells.

- 15. There are no depth severances in the Wolfcamp formation underlying this acreage.
- 16. **Devon Exhibit A-10** identifies the tracts of land comprising the proposed horizontal spacing unit that includes federal land. This exhibit shows the interest owners that Devon seeks to pool and provides a unit recapitulation, showing the percentage of ownership interests in the proposed spacing unit.
- 17. Devon is seeking to pool both working interest owners and overriding royalty interest owners identified on Exhibit A-10.
- 18. A copy of the well proposal letter for the wells, along with the corresponding AFEs, is attached as **Devon Exhibit A-11**. The costs reflected in the AFEs are consistent with what Devon and other operators have incurred for drilling similar horizontal wells in the area.
- 19. Devon has been able to locate contact information for all of the parties it seeks to pool and has undertaken good faith efforts to reach an agreement with the uncommitted interest owners in **Case Nos. 20727** and **20728**.
- 20. In Case Nos. 20727 and 20728, Devon seeks approval of overhead and administrative costs at \$8,000/month while drilling and \$800/month while producing. These costs are consistent with what Devon and other operators are charging in this area for these types of wells. Devon respectfully requests that these administrative and overhead costs be incorporated into any order entered by the Division in these cases.
- 21. For both Case Nos. 20727 and 20728, I provided the law firm of Holland & Hart LLP a list of names and addresses for the uncommitted interest owners. In compiling these addresses, Devon conducted a diligent search of all public records in the county where the proposed wells are located and of phone directories, including computer searches.

22.	Devon Exhibit A-1 through A-11 were either prepared by me or compiled under
my direction a	and supervision.

FURTHER AFFIANT SAYETH NO	FURTHER	AFFIANT S	AYETH NOT
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	Veel Mer
	VERL BROWN
STATE OF OKLAHOMA)
COUNTY OF OKLAHOMA	ý
SUBSCRIBED and SWORM	N to before me this day of August 2019 by Verl
Brown.	
	Rachel Equiach

My Commission Expires:

VERL BROWN, JD, CPL

(405) 519-9359 333 West Sheridan Avenue Oklahoma City, OK 73102 Verl.Brown@dvn.com

EDUCATION: University of Oklahoma, Oklahoma City, OK

Masters of Business Administration Estimated Date of Graduation: May 2021

Oklahoma City University School of Law, Oklahoma City, OK

Juris Doctor

Member of the Oklahoma Bar Association

Date of Graduation: May 2017

The University of Tulsa, Tulsa, OK

Bachelor of Science in Business Administration, Major in Energy Management

Graduated with Honors: Cum Laude Date of Graduation: May 2011

EXPERIENCE:

Devon Energy, Oklahoma City, Oklahoma, May 2011 – Current

Senior Landman – Delaware Basin Senior Landman – Anadarko Basin January 2019-Current June 2011-January 2019

- Land Due Diligence Lead for the Anadarko Basin Linn Divestiture (\$2.3B), White Star Petroleum Divesture (\$200MM), and Undisclosed Buyer – TX Panhandle Divestiture (\$310MM)
- Co-Land Due Diligence Lead, Anadarko Basin Felix Acquisition (\$2.5B)
- Team Facilitator of the SE STACK Appraisal Team where I was in charge of a team of engineers, geologists and landmen focused on creating a long-term development strategy for Devon's position in the SE STACK
- Wrote Devon's corporate wide Divestiture Due Diligence Protocol that was disseminated to all land professionals and is used for all large divestiture due diligence projects
- Acquired oil and gas leases, farmounts, trade agreements, wellbore assignments, term assignments, etc.
- Acted as a formal mentor for a less experienced professionals
- Admitted as an expert witness at the Oklahoma Corporation Commission
- Negotiated, drafted, and closed assignments and letter agreements for oil and gas leasehold interest

Devon Energy, Oklahoma City, Oklahoma, May 2010 - August 2010

Land Intern

- Exposure to Proposing Wells, Leasing, and State Regulations
- Researched Lease Jeopardizes
- Ran Title and Completed Due Diligence for a PSA

HONORS/ACTIVITIES

Professional

- Member of the AAPL (American Association of Petroleum Landmen)
- Member of the OCAPL (Oklahoma City Association of Petroleum Landmen)
- Certified Professional Landman (CPL)
- Passed the Oklahoma Bar Exam July 2017
- Contributor to the AAPL Landman Magazine Wrote the Oklahoma Field Report April 2018-February 2019

Oklahoma City University School of Law

earing Date: September 05, 20 Case Nos 20727 & 20728

- Cali Awards: Income Taxation, Oil and Gas Tax Law, Oil and Gas Contracts, and Oil and Gas Regulation
- Oklahoma Mineral Lawyers Society Award
- Oklahoma Bar Association's Energy and Natural Resources Scholarship Recipient
- Dean's List

University of Tulsa

- Graduated from the University of Tulsa with Honors: Cum Laude
- The University of Tulsa Dean's Honor Roll (GPA above 3.5)
- The University of Tulsa President's Honor Roll (GPA 4.0)
- OERB Petroleum Scholar
- Member of Football Team at University of Tulsa

District I 1625 N. French Dr., Hobbs, NM 88240

Phone: (575) 393-6161 Fax: (575) 393-0720

B11 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 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 Numl	ber	² Pool Code	³ Pool Name	
⁴ Property Code			operty Name FAS 27-22 FED COM	⁶ Well Number 622H
⁷ OGRID No. 6137			perator Name ODUCTION COMPANY, L.P.	⁹ Elevation 3043.7'

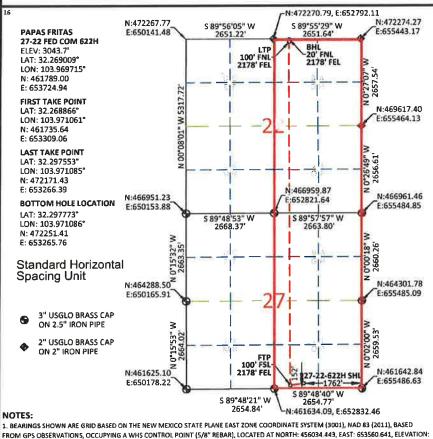
¹⁰Surface Location

UL or lot no.	Section 27	Township 23-S	Range 29-E	Lot Idn	Feet from the 152	North/South line SOUTH	Feet from the 1762	East/West line EAST	County EDDY
							- 0000		

11 Bottom Hole Location If Different From Surface

L				DOLLOII	HOIC	Location	Differentia	Jili Sallace		
ı	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
ı	В	22	23-S	29-E		20	NORTH	2178	EAST	EDDY
ı	12 Dedicated Ac	res ¹³ Join	t or Infill 1	⁴ Consolida	tion Code	¹⁵ Order No.				
ı	640									

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.



FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION: 3101.373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000220979 3. ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 12B

17 OPERATOR CERTIFICATION

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

voluntary pooling agreem order heretofore entered	nent or a compulsory pooling d by the division.
Signature	Date
Drinted Name	

E-mail Address

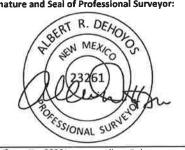
**SURVEYOR CERTIFICATION

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.

03/06/2019

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

Santa Fe, New Mexico Exhibit No. A2

Case Nos 20727 & 20728

Inter	nt		As Dri	lled							
API #	4										
	rator Name				204424411/		Property		22 550 601		Well Number
DEV	ON ENE	RGY PRO	DUCT	ION	COMPANY,	L.P.	PAPAS	FRITAS 27-2	22 FED COI	VI	622H
						8:					
(ick	Off Poin	it (KOP)									
UL	Section		Range	Lot	Feet	From N	/S Fe	et	From E/W	County	
Latitu	ıde				Longitude					NAD	
		int (FTP)		17 -	I s	Ir. ·	le le		From Shee	I Cause:	
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					Longitude					NAD	
	^{ide} 268866°				-103.9710)61°				83	
					-103.9710)61°				83	
32.2	268866°				-103.9710	061°				83	
32.2 .ast ⁻	268866° Take Po	int (LTP)	Range	Lot	Feet	From N			From E/W	County	
.ast TUL B	Take Po	int (LTP) Township 23-S	Range 29-E	Lot	Feet 100 Longitude	From N NOR1		et 178	From E/W EAST	County EDDY NAD	
ast Tul	Take Po	int (LTP) Township 23-S	Range 29-E	Lot	Feet 100	From N NOR1				County EDDY	
.ast TUL B	Take Po	int (LTP) Township 23-S	Range 29-E	Lot	Feet 100 Longitude	From N NOR1				County EDDY NAD	
.ast TUL B	Take Po	int (LTP) Township 23-S	Range 29-E	Lot	Feet 100 Longitude	From N NOR1				County EDDY NAD	
ast UL B Latitu 32.2	Take Po. Section 22 de 297553°	int (LTP) Township 23-S	29-E		Feet 100 Longitude -103.9710	From N NOR1	TH 21	178	EAST	County EDDY NAD	
ast UL B Latitu 32.2	Take Po. Section 22 de 297553°	int (LTP) Township 23-S	29-E		Feet 100 Longitude	From N NOR1	TH 21	178	EAST	County EDDY NAD	
ast UL B Latitu 32.2	Take Po Section 22 297553°	int (LTP) Township 23-S	29-E		Feet 100 Longitude -103.9710	From N NOR1	TH 21	178	EAST	County EDDY NAD	
ast UL B Latitu 32.2	Take Po Section 22 297553°	int (LTP) Township 23-S	29-E		Feet 100 Longitude -103.9710	From N NOR1	TH 21	178	EAST	County EDDY NAD	
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District I

nch Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II

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1220 5. St. Francis Dr., Sente Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

UL or lot no.

Township

Section

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

County

EDDY

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name	
⁴ Property Code		TOPERTY Name TAS 27-22 FED COM	⁶ Well Number 623 H
⁷ OGRID No. 6137		perator Name RODUCTION COMPANY, L.P.	⁹ Elevation 3069.9'
	10 Surfa	ce Location	

North/South line

Feet from the

150 **SOUTH** 762 27 23-S 29-E

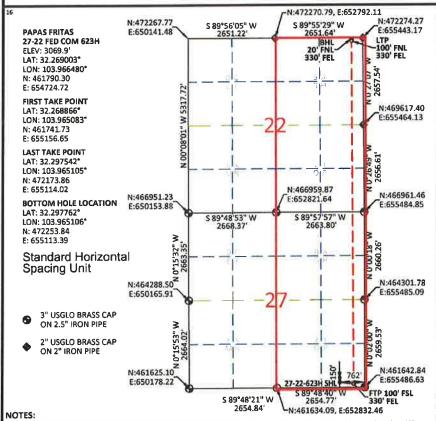
Feet from the

Lot Idn

Range

ı				Botton	n Hole	Location it	Different Fro	om Surrace		
ı	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
ı	A	22	23-S	29-E		20	NORTH	330	EAST	EDDY
ı	12 Dedicated Ac	res 13 Join	t or Infill	Consolida	tion Code	¹⁵ Order No.				
ı	640									

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.



1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION: 3101.373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000220979 3. ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 128.

17 OPERATOR CERTIFICATION

East/West line

EAST

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.

Signature	Date
Printed Name	
E-mail Address	

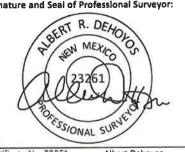
18SURVEYOR CERTIFICATION

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.

03/06/2019

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. A3

	rator Name ON ENE		DDUCT	ION (COMPANY,			rty Name: AS FRITAS 27-	22 FED COI	VI	Well Number 623H
lick (Off Poin	it (KOP)									
UL	Section	Township	Range	Lot	Feet	From N	N/S	Feet	From E/W	County	
Latitu	ıde				Longitude		!		1	NAD	
irst _{UL}	Section	int (FTP) Township		Lot	Feet	From N		Feet	From E/W	County	
P Latitu	27 de	23-5	29-E		100 Longitude	SOUT	ГН	330	EAST	EDDY NAD	
	68866°				-103.9650)83°				83	
_											
UL	Section	int (LTP)		Lot	Feet	From N		Feet	From E/W	County	
UL A Latitu	Section 22 de	Township 23-S	Range 29-E	Lot	100 Longitude	NORT		Feet 330	From E/W EAST	EDDÝ NAD	
UL A Latitu	Section 22	Township 23-S		Lot	100	NORT				EDDÝ	
UL A Latitu 32.2	Section 22 de 297542°	Township 23-S	129-E		100 Longitude	NOR1	<u>гн </u>	330	EAST	EDDÝ NAD	
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District I 1625 N. French Dr., Hobbs, NM 88240 none: (575) 393-6161 Fax: (575) 393-0720

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State of New Mexico

Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION

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Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

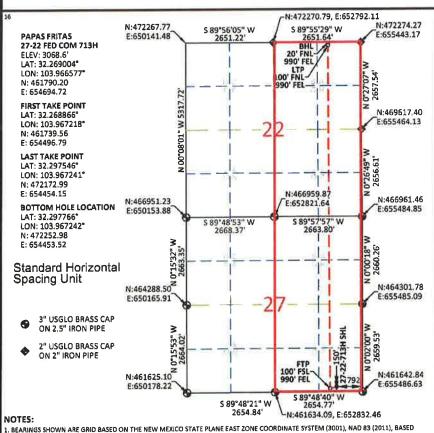
¹ API Numi	oer	² Pool Code	³ Pool Name	
⁴ Property Code			roperty Name FAS 27-22 FED COM	⁶ Well Number 713H
70GRID No. 6137			perator Name RODUCTION COMPANY, L.P.	°Elevation 3068.6'
		10 Surfa	ce Location	

Fact from the North/South line | Fact from the | Fact/Most line |

P P	27	23-S	29-E	Lot lan	150	SOUTH	792	EAST	EDDY	
	"Bottom Hole Location If Different From Surface									
UL or lot no.	Section 22	Township 23-S	Range 29-E	Lot Idn	Feet from the 20	North/South line NORTH	Feet from the 990	East/West line EAST	County EDDY	

12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No. 640

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.



FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION: 3101.373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

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. ELEVATIONS ARE OF NAVO 88 COMPUTED USING GEIOD 12B.

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voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.				
Signature	Date			
Printed Name				

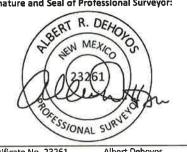
E-mail Address

38SURVEYOR 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 bellef. 03/06/2019

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

	nt		As Dri	lled						
API	#									
	rator Nam /ON EN		DDUCT	ION (COMPANY, I		roperty Name: APAS FRITAS 2	27-22 FED CO	M	Well Number 713H
ick	Off Poir	nt (KOP)								
JL	Section	Township	Range	Lot	Feet	From N/S	S Feet	From E/W	County	
Latitu	ude				Longitude		1		NAD	
JL P .atitu 32 2	27	Township 23-S	Range 29-E	Lot	Feet 100 Longitude -103.9672	From N/S SOUTH				
act '	Take Po	int (LTP)	Ta.	Lot	Feet	From N/S		From E/W	County EDDY	
JL		Township 23-S			100	INORTH	- 1	EAST		
JL A .atitu	22	23-S	29-E		100 Longitude -103.9672	NORTH	1 990	EAST	NAD 83	
atitu 32.2	22 de 297546° s well the s well are ill is yes ing Unit	ne definir n infill we provide	29-E	ļ	Longitude -103.9672 he Horizont	41°		N	NAD 83	Horizontal
thi	22 de 297546° s well the s well are ill is yes ing Unit	ne definir n infill we provide	29-E	ļ	Longitude -103.9672 he Horizont	al Spaci	ing Unit?	N	NAD 83	Horizontal Well Number

OWNERSHIP BREAKDOWN

Papas Fritas 27-22 Fed Com 622H, 623H, and 713H

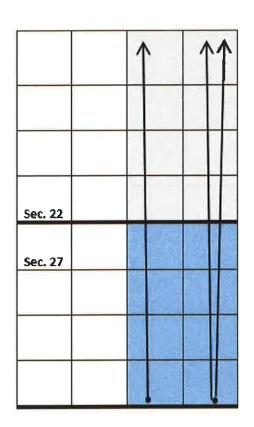
E/2 of Section 22 & E/2 of Section 27, T-23-S, R-29-E, Eddy County, New Mexico, Wolfcamp Formation

Tract 1: NMNM 66425 (320 acres)



Tract 2: NMNM 105557 (320 acres)





TRACT 1 OWNERSHIP (E/2 of Section 22-T23S-R29E, being 320 acres):

Owner		Net Acres	Unit WI	Status
Devon Energy 333 W. Sherid Oklahoma City	**	185.5	.57968750	Committed
OXY USA Inc 5 Greenway Pl Houston, TX 7	aza, Suite 110	40	<u>.</u> 125	Uncommitted
Chevron U.S.A 1400 Smith St Houston, TX 7	reet	94.5	.29531250	Uncommitted
Total:		320.0	1.00	

TRACT 2 OWNERSHIP (E/2 of Section 27-T23S-R29E, being 320 acres):

Ow	ner	Net Acres	Unit WI	Status
333	von Energy Production Company, L.P. 8 W. Sheridan Avenue lahoma City, OK 73102	283.112	.88472500	Committed
P.C	e Allar Company). Box 1567 sham, TX 76450	35.600	.11125000	Uncommitted
755	ghland (Texas) Energy 37 Rambler Road, Suite 918 Ilas, TX 75218	1.288	.00402500	Uncommitted
Tot		320.000	1.00	

Overriding Royalty Interest seeking to Compulsory Pool:

ORRI Owners (Tract 1)

LaNell Joy Honeyman 406 Skywood Circle Midland, TX 79705

LaNell Joy Honeyman, as Trustee of the of the Leslie Robert Honeyman Trust 406 Skywood Circle Midland, TX 79705

Lenox Mineral Title Holdings, Inc., solely in its capacity as nominee holder of legal title as agent for the benefit of Lenox Mineral, LLC 1707 1/2 Post Oak Boulevard, #171 Houston, TX 77056

Michael D. Hayes 3608 Meadowridge Lane Midland, TX 79707

OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046-0521

ORRI Owners (Tract 2)

The Allar Company P.O. Box 1567 Graham, TX 76450

Crownrock Minerals, L.P P.O. Box 51938 Midland, TX 79710 Highland (Texas) Energy 7557 Rambler Road, Suite 918 Dallas, TX 75218

Limpinbear Family Partnership, Ltd. 410 17th Street, Suite 1150 Denver, CO 80202

Maribeth Naughton as Trustee of the Morse Family Security Trust 410 17th Street, Suite 1150 Denver, CO 80202

Unit Recapitulation-Wolfcamp- 640 AC HSU

Papas Fritas 27-22 Fed Com 622H, 623H, and 713H E/2 of Section 22 & E/2 of Section 27, T-23-S, R-29-E, Eddy County, New Mexico

Owner	Interest
Devon Energy Production Company, L.P.	73.2206250%
OXY USA Inc.	6.2500000%
Chevron U.S.A. Inc.	14.7656250%
The Allar Company	5.5625000%
Highland (Texas) Energy	0.2012500%
TOTAL	100.0000000%

Uncommitted Working Interest Owners seeking to Compulsory Pool



June 18, 2019

Working Interest Owners (See Attached List)

Re: Papas Fritas 27-22 FED COM 331H, 332H, 333H, 621H, 622H, 623H, 711H, 712H, and 713H Well Proposals Section 22 & 27, Township 23 South, Range 29 East Eddy County, New Mexico (the "Wells")

To Whom It May Concern:

Devon Energy Production Company, L.P. ("Devon") hereby proposes to drill the Wells located in Sections 22 & 27 23S-29E, Eddy County, New Mexico. Accordingly, enclosed are the AFEs for the following wells:

- Papas Fritas 27-22 FED COM 331H to be drilled from a surface hole location ("SHL") of 102' FNL x 943' FWL of Section 34-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 330' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 9,900' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 332H to be drilled from a surface hole location ("SHL") of 152' FSL x 1822' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2178' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 9,970' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 333H to be drilled from a surface hole location ("SHL") of 150' FSL x 822' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 1254' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,040' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 621H to be drilled from a surface hole location ("SHL") of 102' FNL x 993' FWL of Section 34-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 1254' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,120' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 622H to be drilled from a surface hole location ("SHL") of 152' FSL x 1762' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2178' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,180' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 623H to be drilled from a surface hole location ("SHL") of 150' FSL x 762' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 330' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,240' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 711H to be drilled from a surface hole location ("SHL") of 102' FNL x 968' FWL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 990' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,200' subsurface in the Wolfcamp Formation.

Case Nos 20727 & 20728

- Papas Fritas 27-22 FED COM 712H to be drilled from a surface hole location ("SHL") of 152' FSL x 1792' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2310' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,270' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 713H to be drilled from a surface hole location ("SHL") of 150' FSL x 792' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 990' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,310' subsurface in the Wolfcamp Formation.

These proposed locations and target depths are subject to change depending on any surface or subsurface concerns. Also, the enclosed AFEs represent an estimate of the costs that will be incurred to drill and complete these wells, but those electing to participate in the wells are responsible for their share of the actual costs incurred.

A new AAPL model form operating will need to be negotiated and executed to cover the proposed project area. If you would like to participate in these wells, please execute and return this letter to the undersigned. If you do not wish to participate, please contact the undersigned to discuss a potential trade or farmout of your interest. If an agreement cannot be reached within 30 days of the date of this letter, Devon will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest for the proposed wells.

If you have any questions or concerns regarding this proposal, please contact me at (405) 228-8804 or verl.brown@dvn.com.

Sincerely,
DEVON ENERGY PRODUCTION COMPANY, L.P.
Verl Brown Landman
Enclosures
Please elect one of the following and return to sender:
participate in the drilling of the Papas Fritas 27-22 FED COM 331H
non-consent the drilling of the Papas Fritas 27-22 FED COM 331H
participate in the drilling of the Papas Fritas 27-22 FED COM 332H
non-consent the drilling of the Papas Fritas 27-22 FED COM 332H

June 18, 2019

<u>Working Interest Owners: Papas Fritas 27-22 Fed Com 331H, 332H, 333H, 621H, 622H, 623H, 711H, 712H, and 713H</u>

The Allar Company P.O. Box 1567 Graham, TX 76450

Highland (Texas) Energy Company 7557 Rambler Road, Suite 918 Dallas, TX 75218

OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046-0521

Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002

TLW Investments, L.L.C. 1001 Fannin, Suite 2020 Houston, TX 77002



AFE # XX-133294.01

Well Name: PAPAS FRITAS 27-22 FED COM 622H

Cost Center Number: 1094052401 Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision: 📋

AFE Date: State:

6/18/2019

County/Parish:

NM EDDY

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 622H AS A WOLFCAMP XY WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
6060100	DYED LIQUID FUELS	135,959.58	403,549.53	0.00	539,509.11
6060130	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
6080100	DISPOSAL - SOLIDS	102,390.24	1,050,00	0.00	103,440,24
6080110	DISP-SALTWATER & OTH	0.00	9,450.00	0.00	9,450.00
6090100	FLUIDS - WATER	60.900.00	549,438.96	0.00	610,338.96
	PERMIT SURVEY&TITLE	40,000.00	4,044.94	0.00	44,044.94
6100110	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
6110130	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723.03
	DAMAGE & REMEDIATION	10,000,00	0.00	0.00	10,000.00
	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.35
	COMM SVCS - WAN	6.430.52	0.00	0.00	6,430.52
	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500,00
	RTOC - GEOSTEERING	28,404.00	0.00	0.00	28,404.00
	CH LOG PERFRTG&WL SV	0.00	377,028.75	0.00	377,028.75
	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
	SNUBBG&COIL TUBG SVC	0.00	377,490.51	0.00	377,490.51
	TRCKG&HL-SOLID&FLUID	55.118.75	0.00	0.00	55,118.75
	TRUCKING&HAUL OF EQP	54,000.00	15,750.00	0.00	69,750.00
	CONSLT & PROJECT SVC	176,380.00	110,940.96	0.00	287,320.96
	SAFETY SERVICES	60,630.63	0.00	0.00	
	SOLIDS CONTROL SRVCS	117,586.67	0.00	0.00	60,630.63 117,586,67
	STIMULATION SERVICES	0.00			
	PROPPANT PURCHASE	0.00	1,254,080.89 724,874.78	0.00	1,254,080.89
	CASING & TUBULAR SVC	67,600.00			724,874.78
	CEMENTING SERVICES		0.00	0.00	67,600.00
		255,000.00		0.00	255,000.00
	DAYWORK COSTS DIRECTIONAL SERVICES	734,916.67	0.00	0.00	734,916.67
		355,887.50	0.00	0.00	355,887.50
	DRILL BITS	135,200.00	0.00	0.00	135,200.00
	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.00
	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.00
	OPEN HOLE EVALUATION	24,129.31	0.00	0.00	24,129.31
	TSTNG-WELL, PL & OTH	0.00	63,813.01	0.00	63,813.01
	MISC PUMPING SERVICE	0.00	101,460.03	0.00	101,460.03
	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.65
	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.00
	WELDING SERVICES	1,750.00	0.00	0.00	1,750.00
	WATER TRANSFER	0.00	179,568.61	0.00	179,568.61
	CONSTRUCTION SVC	0.00	164,224.72	0.00	164,224.72
	LEGAL FEES	20,000.00	0.00	0.00	20,000.00
	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.00
	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.00
	CAPITAL OVERHEAD	11,023.75	29,006.74	0.00	40,030.49
6740340	TAXES OTHER	394.28	0.00	0.00	394.28

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.



AFE # XX-133294.01 Well Name: PAPAS FRITAS 27-22 FED COM 622H Cost Center Number: 1094052401

AFE Date:

6/18/2019

State:

NM

Legal De Revision	scription: SEC 27-23S-29E ≀ : □	% 22-23\$-29E	County/	Parish: EDD	Y
	Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.1
	Tangible	Drilling	Completion	Dry Hole	Total
Code	Description	Costs	Costs	Costs	Costs
6130120	COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.9
6230130	SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.5
6300210	TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.1
6310150	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.0
6310460	WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.0
6310530	SURFACE CASING	33,000.00	0.00	0.00	33,000.0
8310540	NTERMEDIATE CASING	291,223.20	0.00	0.00	291,223.2
6310550	PRODUCTION CASING	407,949.00	0.00	0.00	407,949.0
6310580	CASING COMPONENTS	40,900.00	0.00	0.00	40,900.0
6330100	PIPE,FIT,FLANG,CPLNG	0.00	161,315.17	0.00	161,315.1
	Total Tangibles	859,846,78	688,139.21	0.00	1,547,985.9
	OTAL ESTIMATED COST G INTEREST OWNER APPR	4,148,754.00 OVAL	6,096,986.15	0.00	10,245,740.
Company	y Name:				
Signature	9:	-	Print Name:	1830	
litle:					
Date:					
Email:					

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



AFE # XX-133295.01

Well Name: PAPAS FRITAS 27-22 FED COM 623H Cost Center Number: 1094052601

Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision:

AFE Date:

6/18/2019

State: County/Parish:

NM **EDDY**

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 623H AS A WOLFCAMP XY WELL

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
6060100	DYED LIQUID FUELS	135,959.58	403,649.53	0.00	539,509.11
6060130	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
6080100	DISPOSAL - SOLIDS	102,390.24	1,050.00	0.00	103,440.24
6080110	DISP-SALTWATER & OTH	0.00	9,450.00	0.00	9,450.00
6090100	FLUIDS - WATER	60,900,00	549,438.96	0.00	610,338.96
	PERMIT SURVEY&TITLE	40,000.00	4.044.94	0.00	44,044,94
	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723.03
	DAMAGE & REMEDIATION	10,000.00	0.00	0.00	10,000.00
6130130	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.3
8130170	COMM SVCS - WAN	6,430.52	0.00	0.00	6,430.52
	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
	RTOC - GEOSTEERING	28,404.00	0,00	0,00	28,404.00
	CH LOG PERFRTG&WL SV	0.00	377,028.75	0.00	377,028.7
	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
	SNUBBG&COIL TUBG SVC	0.00	377,490.51	0.00	377,490.5
	TRCKG&HL-SOLID&FLUID	55,118.75	0.00	0.00	55,118.78
	TRUCKING&HAUL OF EQP	54,000.00	15,750.00	0.00	69,750.00
	CONSLT & PROJECT SVC	176,380.00	110,940.96	0.00	287,320.9
	SAFETY SERVICES	60,630,63	0.00	0.00	60,630.63
	SOLIDS CONTROL SRVCS	117.586.67	0.00	0.00	117,586.6
	STIMULATION SERVICES	0.00	1,254,080.89	0.00	
					1,254,080.8
	PROPPANT PURCHASE	0.00	724,874.78	0.00	724,874.7
	CASING & TUBULAR SVC	67,600.00	0.00	0.00	67,600.00
	CEMENTING SERVICES	255,000.00	0.00	0.00	255,000.0
	DAYWORK COSTS	734,916.67	0.00	0.00	734,916.6
	DIRECTIONAL SERVICES	355,887.50	0.00	0.00	355,887.5
	DRILL BITS	135,200.00	0.00	0.00	135,200.0
	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.0
	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.00
	OPEN HOLE EVALUATION	24,129.31	0.00	0.00	24,129.3
	TSTNG-WELL, PL & OTH	0.00	63,813.01	0.00	63,813.0
	MISC PUMPING SERVICE	0.00	101,460.03	0.00	101,460.0
	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.6
	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.0
	WELDING SERVICES	1,750.00	0.00	0.00	1,750.00
	WATER TRANSFER	0.00	179,568.61	0.00	179,566.6
	CONSTRUCTION SVC	0.00	164,224.72	0.00	164,224.7
	LEGAL FEES	20,000.00	0.00	0.00	20,000.00
6550100	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.0
6550110	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.0
6630110	CAPITAL OVERHEAD	11,023.75	29,006.74	0.00	40,030.49
6740340	TAXES OTHER	394.28	0.00	0.00	394.28

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.



AFE # XX-133295.01

Well Name: PAPAS FRITAS 27-22 FED COM 623H Cost Center Number: 1094052601

Legal Description: SEC 27-23S-29E & 22-23S-29E

AFE Date:

6/18/2019

State:

NM EDDY

County/Parish:

Signatur	6 :		Print Name:		
Compan	y Name:	***************************************		····	***************************************
VORKIN	G INTEREST OWNER APPR	OVAL			
TC	TAL ESTIMATED COST	4,148,754.00	6,096,986.15	0.00	10,245,740.1
	Total Fallgibles	659,640.76	000,139.21	0.00	1,547,985.9
0330100	Total Tangibles	0.00 859,846.78	161,315.17 688,139.21	0.00	161,315,1
	CASING COMPONENTS PIPE.FIT.FLANG.CPLNG	40,900.00	0.00	0.00	40,900.0
	PRODUCTION CASING	407,949.00	0.00	0.00	407,949.0
	INTERMEDIATE CASING	291,223.20	0.00	0.00	291,223,2
	SURFACE CASING	33,000.00	0.00	0.00	33,000.0
	WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.0
	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.0
	TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.1
6230130	SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.5
6130120	COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.9
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
	Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.

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



AFE # XX-133350.01

Well Name: PAPAS FRITAS 27-22 FED COM 713H

Cost Center Number: 1094053301 Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision: 📋

AFE Date:

06/18/2019

NM State: County/Parish:

EDDY

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 713H AS A WOLFCAMP WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
6060100	DYED LIQUID FUELS	135,959.58	403,549.53	0.00	539,509.11
6060130	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
6080100	DISPOSAL - SOLIDS	102,390.24	1,050.00	0.00	103,440.24
	DISP-SALTWATER & OTH	0.00	9,450,00	0,00	9.450.00
6090100	FLUIDS - WATER	60,900.00	549,438.96	0.00	610,338.96
6100100	PERMIT SURVEY&TITLE	40,000.00	4.044.94	0.00	44,044.94
	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723.03
	DAMAGE & REMEDIATION	10,000.00	0.00	0.00	10,000.00
	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.35
	COMM SVCS - WAN	6,430.52	0.00	0.00	6,430.52
	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
	RTOC - GEOSTEERING	28,404.00	0.00	0.00	28,404.00
	CH LOG PERFRTG&WL SV	0.00	377.028.75	0.00	377.028.75
	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
	SNUBBG&COIL TUBG SVC	0.00	377,490,51	0.00	377,490.5
	TRCKG&HL-SOLID&FLUID	55,118.75	0.00	0.00	55,118.75
		54,000.00	15,750.00	0.00	69,750.00
	TRUCKING&HAUL OF EQP	176,380.00	110,940.96	0.00	287,320.90
	CONSLT & PROJECT SVC	60,630.63	0.00	0.00	60,630.63
	SAFETY SERVICES		0.00	0.00	117,586.67
	SOLIDS CONTROL SRVCS	117,586.67		0.00	
	STIMULATION SERVICES	0.00	1,254,080.89		1,254,080.8
	PROPPANT PURCHASE	0.00	724,874.78	0.00	724,874.71
	CASING & TUBULAR SVC	67,600.00	0.00	0.00	67,600.00
	CEMENTING SERVICES	255,000.00	0.00	0.00	255,000.00
	DAYWORK COSTS	734,916.67	0.00	0.00	734,916.6
6310300	DIRECTIONAL SERVICES	355,887.50	0.00	0.00	355,887.50
	DRILL BITS	135,200.00	0.00	0.00	135,200.00
6310330	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.0
6310370	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.00
6310380	OPEN HOLE EVALUATION	24,129.31	0.00	0.00	24,129.31
6310480	TSTNG-WELL, PL & OTH	0.00	63,813.01	0.00	63,813.01
8310600	MISC PUMPING SERVICE	0.00	101,460.03	0.00	101,460.0
6320100	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.6
6320110	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.00
6320160	WELDING SERVICES	1,750.00	0.00	0.00	1,750.00
6320190	WATER TRANSFER	0.00	179,568.61	0.00	179,568.6
6350100	CONSTRUCTION SVC	0.00	164,224.72	0.00	164,224.7
6520100	LEGAL FEES	20,000.00	0.00	0.00	20,000.00
6550100	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.0
6550110	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.00
6630110	CAPITAL OVERHEAD	11,023.75	29,006.74	0.00	40,030.49
6740340	TAXES OTHER	394.28	0.00	0.00	394,28



AFE # XX-133350.01

Well Name: PAPAS FRITAS 27-22 FED COM 713H Cost Center Number: 1094053301

Legal Description: SEC 27-23S-29E & 22-23S-29E

WORKING INTEREST OWNER APPROVAL

Revision:

AFE Date:

06/18/2019

State: County/Parish: NM **EDDY**

Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.16
Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.94
SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.58
TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.10
CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.00
WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.00
SURFACE CASING	33,000.00	0.00	0.00	33,000.00
INTERMEDIATE CASING	291,223.20	0.00	0.00	291,223.20
PRODUCTION CASING	407,949.00	0.00	0.00	407,949.00
CASING COMPONENTS	40,900.00	0.00	0.00	40,900.00
PIPE,FIT,FLANG,CPLNG	0.00	161,315.17	0.00	161,315.17
Total Tangibles	859,846.78	688,139.21	0.00	1,547,985.99
	Tangible Description COMM DEVICES - SCADA SAFETY EQUIPMENT IREATER FWKO EQUIP CASG-COND&DRIVE PIPE NELLHEAD EQUIPMENT SURFACE CASING NTERMEDIATE CASING PRODUCTION CASING CASING COMPONENTS PIPE,FIT,FLANG,CPLNG	Tangible	Tangible	Tangible

Company Name:		
Signature:	Print Name:	
Signature:	Fillit Hallis.	
Title:		
Date:		
Email:		

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

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811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 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: (S05) 476-3460 Fax: (S05) 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

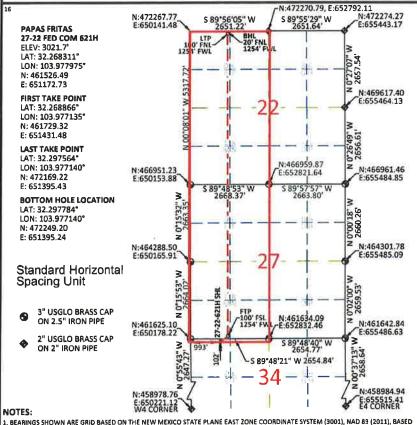
□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Numbe	er	² Pool Code	³ Pool Name	
⁴ Property Code			roperty Name FAS 27-22 FED COM	⁶ Well Number 621H
⁷ OGRID No. 6137		°o DEVON ENERGY PR	⁹ Elevation 3021.7'	
· · · · · · · · · · · · · · · · · · ·		¹ºSurfa	ce Location	•

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	23-S	29-E		102	NORTH	993	WEST	EDDY
		11	Botton	n Hole I	Location If	Different Fro	om Surface		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	22	23-S	29-E		20	NORTH	1254	WEST	EDDY
12 Dedicated Ac	res 13 Join	t or Infill	Consolida	tion Code	¹⁵ Order No.				
640		- 1							

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.



1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION: 3101,373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000220979 . ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 128.

17OPERATOR CERTIFICATION

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.

Signature	Date
Printed Name	
E-mail Address	

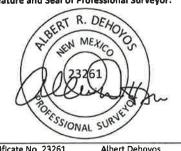
SURVEYOR CERTIFICATION

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.

03/06/2019

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261

Albert Dehoyos

Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P. Property Name: PAPAS FRITAS 27-22 FED COM Cick Off Point (KOP) UL Section Township Range Lot Feet From N/S Feet From E/W County Latitude NAD Longitude NAD Longitude SoUTH 1254 WEST EDDY Latitude 1.03.977135° 83 ast Take Point (LTP) UL Section Township Range Lot Feet SOUTH 1254 WEST EDDY Latitude 32.268866° NAD ast Take Point (LTP) UL Section Township Range Lot Feet NAS SOUTH 1254 WEST EDDY Latitude 1.03.977135° 83 ast Take Point (LTP) UL Section Township Range Lot Feet NORTH 1254 WEST EDDY Latitude 32.297564° NORTH 1254 WEST EDDY Latitude 33.297564° NAD South NORTH 1254 WEST EDDY Longitude NORTH 1	621H
Longitude Longitude Longitude Longitude Longitude NAD NAD Section Township Range Lot Feet From N/S Feet From E/W County M 27 23-S 29-E 100 SOUTH 1254 WEST EDDY Longitude 32.268866° Longitude -103.977135° Section Township Range Lot Inongitude -103.977135° Longitude -103.977135° Section Township Range Lot Feet NORTH 1254 WEST EDDY Longitude -103.977140° Longitude -103.977140° Section Township Range Lot Feet NORTH 1254 WEST EDDY Longitude -103.977140° Section Township Range Lot Inongitude -103.977140° Section Township Range Lot Inongitude -103.977140° Longitude -103.977140°	•
Ast Take Point (LTP) JL Section Township Range Lot Feet From N/S Feet NAD Astitude Longitude NAD Assist Take Point (FTP) JL Section Township Range Lot Feet SOUTH 1254 WEST EDDY Atitude 32.268866° Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977135° Assist Take Point (LTP) JL Section Township Range Lot Feet NORTH 1254 WEST EDDY NORTH 1254 Assist Take Point (LTP) JL Section Township Range Lot Feet NORTH 1254 WEST EDDY NORTH 1254 Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (LTP) JL Section Township Range Lot Indigitude -103.977140° Assist Take Point (LTP) Assist Take Point (
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JL Section Township Range 23-S 29-E 100 SOUTH 1254 From E/W WEST EDDY atitude 32.268866°	
ast Take Point (LTP)	
22 23-S 29-E 100 NORTH 1254 WEST EDDY atitude 32.297564° -103.977140° this well the defining well for the Horizontal Spacing Unit?	
-103.977140° 83 this well the defining well for the Horizontal Spacing Unit?	
infill is yes provide API if available, Operator name and well number for Defining well for F pacing Unit.	lorizontal
API#	
Operator Name: Property Name:	Well Number

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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

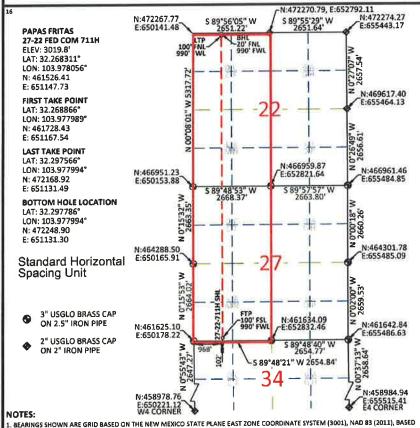
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name	
⁴ Property Code	PAPAS FRITAS 27-22 F	ED COM	⁶ Well Number 711H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION	COMPANY, L.P.	⁹ Elevation 3019.8'
	10 Surface Locati	on	

Surface Location

ı	UL or lot no.	Section 34	Township 23-S	Range 29-E	Lot lan	102	NORTH	968	WEST	EDDY
ı			11	Botton	n Hole I	ocation If	Different Fro	om Surface		
ı	UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
ı	D	22	23-S	29-E		20	NORTH	990	WEST	EDDY
ı	12 Dedicated Ac	res 13 Join	t or Infill	Consolida	tion Code	¹⁵ Order No.				
ı	640	1			1					

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.



1. BEARINGS SHOWN ARE GRID BASED ON THE NEW MEXICO STATE PLANE EAST ZONE COORDINATE SYSTEM (3001), NAD 83 (2011), BASED FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (S/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION 3101.373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

2. DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000220979 ELEVATIONS ARE OF NAVO 88 COMPUTED USING GEIOD 128.

"OPERATOR CERTIFICATION I hereby certify that the information contained herein is

true and complete to the best of my knowledge and bellef, 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.

Signature	Date
Printed Name	

18SURVEYOR CERTIFICATION

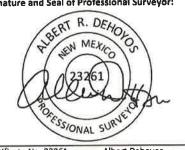
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

03/06/2019

E-mail Address

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261

Albert Dehoyos

Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico **Exhibit No. A8**

Submitted by: Devon Energy Production Hearing Date: September 05, 2019 Case Nos 20727 & 20728

	rator Nam	Α.								
		<u>. </u>								
			DDUCT	ION (COMPANY,		perty Name: PAS FRITAS 27	7-22 FED CO	М	Well Number 711H
ck ·		nt (KOP)								
JL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County	
atitu	ide				Longitude		1		NAD	
									J	
rst	Take Po	int (FTP)								
L	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County	
		23-5	29-E		100 Longitude	SOUTH	990	WEST	EDDY	
LAT: 32.268866° LON: -103.977										
_	. 52.206	866°			LON: -103	.977989°			83	
L	Take Po	int (LTP)	Range	Lot	Feet	From N/S	Feet	From E/W	County	
L) etitu	Take Po	int (LTP) Township 23-S	Range 29-E	Lot	Feet 100 Longitude	From N/S NORTH	Feet 990	From E/W WEST	County EDDY NAD	
L) atitu	Fake Po	int (LTP) Township 23-S		Lot	Feet 100	From N/S NORTH			County EDDY	
D Datitu AT:	Section 22 de 32.297	int (LTP) Township 23-S 566°	g well		Feet 100 Longitude	From N/S NORTH .977994°	990		County EDDY NAD	
this	Section 22 de 32.297	int (LTP) Township 23-S 566° The defining infill we provide A	29-E	for t	Feet 100 Longitude LON: -103	From N/S NORTH .977994°	990	WEST	County EDDY NAD 83	Horizontal
this	Section 22 de 32.297 swell the well ar	int (LTP) Township 23-S 566° The defining infill we provide A	29-E	for t	Feet 100 Longitude LON: -103	From N/S NORTH .977994°	990 3 Unit? N	WEST	County EDDY NAD 83	Horizontal
this	Section 22 de 32.297 swell the well ar	int (LTP) Township 23-S 566° The defining infill we provide A	29-E	for t	Feet 100 Longitude LON: -103	From N/S NORTH .977994° al Spacing	990 3 Unit? N	WEST	County EDDY NAD 83	Horizontal Well Number

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Form C-102 Revised August 1, 2011

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

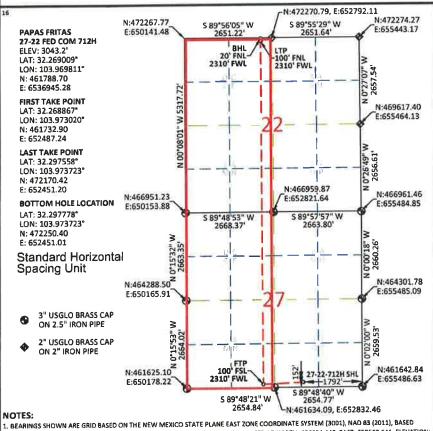
¹ API Number	² Pool Code	³ Pool Name	
⁴ Property Code	5 Property Name PAPAS FRITAS 27-22		⁶ Well Number 712H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTIO	⁹ Elevation 3043.2	
	10 Curface Local	ion	

Surface Location

UL or lot no.	Section 27	Township 23-S	Range 29-E	Lot Idn	Feet from the 152	North/South line SOUTH	Feet from the 1792	East/West line EAST	County EDDY
"Bottom Hole Location If Different From Surface									
UL or lot no.		Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County EDDY
C	22	23-S	29-E		20	NORTH	2310	WEST	EDDY
12 Dedicated Acres 13 Joint or Infill 14 Consolidation Code 15 Order No.									

640

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FROM GPS OBSERVATIONS, OCCUPYING A WHS CONTROL POINT (5/8" REBAR), LOCATED AT NORTH: 456034.443, EAST: 653560.641, ELEVATION: 3101.373, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.

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Signature	Date

Printed Name

E-mail Address

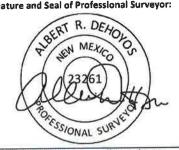
*SURVEYOR CERTIFICATION

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03/06/2019

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos Drawn by: TMW | Checked by: ARD | Date: 04/29/2019

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. A9

API	#									
	rator Nam /ON ENI		DDUCT	ION (COMPANY,		erty Name: PAS FRITAS 27-:	22 FED CO	M	Well Number 712H
(ick	Off Poir									
UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County	
Latitu	ude				Longitude				NAD	
JL N .atitu 32.2	27	Township 23-S	29-E	Lot	100 Longitude				County EDDY NAD 83	
ast '	Take Po	int (LTP)								
	Section	Township 23-S	Range 29-E	Lot	Feet 100	From N/S NORTH	Feet 2310	From E/W WEST	County EDDY	
	22	23-3	Latitude Longitude				3°			
C .atitu	22 de	25-5			-103.9737	23°			NAD 83	
32.2 s this	22 de 97558° s well th	·		for t			Unit? N	J		
C atitu 32.2	de 197558° s well th	e definin n infill we provide A	:113	[-103.9737	al Spacing	Unit? N	_	83	Horizontal
Catitu 32.2 this this	de 197558° s well th	e definin n infill we provide A	:113	[-103.9737	al Spacing		_	83	Horizontal
C atitu 32.2 this infi	de 197558° s well th	ne definin n infill we provide A	:113	[-103.9737	al Spacing or name a		_	83	Horizontal Well Number

OWNERSHIP BREAKDOWN Papas Fritas 27-22 Fed Com 621H, 711H, & 712H

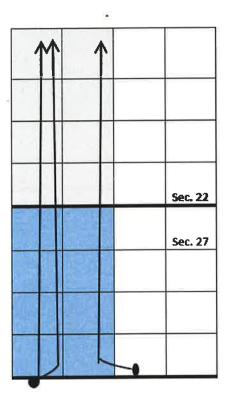
W/2 of Section 22 & W/2 of Section 27, T-23-S, R-29-E, Eddy County, New Mexico, Wolfcamp Formation

Tract 1: NMNM 66425 (320 acres)



Tract 2: NMNM 105557 (320 acres)





TRACT 1 OWNERSHIP (W/2 of Section 22-T23S-R29E, being 320 acres):

Owner	Net Acres	Unit WI	Status
Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, OK 73102	185.5	5796875	Committed
OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046-0521	40	.125	Uncommitted
Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002	93.5	.2921875	Uncommitted
TWL Investments, L.L.C. P.O. Box 301535 Dallas, TX 75303-1535	1.0	.003125	Uncommitted
Total:	320.0	1.00	

TRACT 2 OWNERSHIP (W/2 of Section 27-T23S-R29E, being 320 acres):

Owner	Net Acres	Unit WI	Status
Devon Energy Production Company, L.P. 333 W. Sheridan Avenue Oklahoma City, OK 73102	282.512	.88285	Committed
The Allar Company P.O. Box 1567 Graham, TX 76450	36.2	.113125	Uncommitted
Highland (Texas) Energy 7557 Rambler Road, Suite 918 Dallas, TX 75218	1.288	.004025	Uncommitted
Total:	320.000	1.00	

Overriding Royalty Interest seeking to Compulsory Pool:

ORRI Owners (Tract 1)

LaNell Joy Honeyman 406 Skywood Circle Midland, TX 79705

LaNell Joy Honeyman, as Trustee of the of the Leslie Robert Honeyman Trust 406 Skywood Circle Midland, TX 79705

Lenox Mineral Title Holdings, Inc., solely in its capacity as nominee holder of legal title as agent for the benefit of Lenox Mineral, LLC 1707 1/2 Post Oak Boulevard, #171 Houston, TX 77056

Michael D. Hayes 3608 Meadowridge Lane Midland, TX 79707

OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046-0521

ORRI Owners (Tract 2)

The Allar Company P.O. Box 1567 Graham, TX 76450

Crownrock Minerals, L.P P.O. Box 51938 Midland, TX 79710 Highland (Texas) Energy 7557 Rambler Road, Suite 918 Dallas, TX 75218

Limpinbear Family Partnership, Ltd. 410 17th Street, Suite 1150 Denver, CO 80202

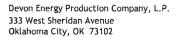
Maribeth Naughton as Trustee of the Morse Family Security Trust 410 17th Street, Suite 1150 Denver, CO 80202

Unit Recapitulation-Wolfcamp-640 AC HSU

Papas Fritas 27-22 Fed Com 621H, 711H, & 712H W/2 of Section 22 & W/2 of Section 27, T-23-S, R-29-E, Eddy County, New Mexico,

Owner	Interest
Devon Energy Production Company, L.P.	73.126875%
OXY USA Inc.	6.2500000%
Chevron U.S.A. Inc.	14.609375%
The Allar Company	5.656250%
TLW investments, L.L.C.	.156250%
Highland (Texas) Energy	0.2012500%
TOTAL	100.0000000%

Uncommitted Working Interest Owners seeking to Compulsory Pool



405 228 8804 Phone www.devonenergy.com



June 18, 2019

Working Interest Owners (See Attached List)

Re: Papas Fritas 27-22 FED COM 331H, 332H, 333H, 621H, 622H, 623H, 711H, 712H, and 713H Well Proposals Section 22 & 27, Township 23 South, Range 29 East Eddy County, New Mexico (the "Wells")

To Whom It May Concern:

Devon Energy Production Company, L.P. ("Devon") hereby proposes to drill the Wells located in Sections 22 & 27 23S-29E, Eddy County, New Mexico. Accordingly, enclosed are the AFEs for the following wells:

- Papas Fritas 27-22 FED COM 331H to be drilled from a surface hole location ("SHL") of 102' FNL x 943' FWL of Section 34-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 330' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 9,900' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 332H to be drilled from a surface hole location ("SHL") of 152' FSL x 1822' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2178' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 9,970' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 333H to be drilled from a surface hole location ("SHL") of 150' FSL x 822' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 1254' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,040' subsurface in the Bone Spring Formation.
- Papas Fritas 27-22 FED COM 621H to be drilled from a surface hole location ("SHL") of 102' FNL x 993' FWL of Section 34-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 1254' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,120' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 622H to be drilled from a surface hole location ("SHL") of 152' FSL x 1762' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2178' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,180' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 623H to be drilled from a surface hole location ("SHL") of 150' FSL x 762' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 330' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,240' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 711H to be drilled from a surface hole location ("SHL") of 102' FNL x 968' FWL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 990' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,200' subsurface in the Wolfcamp Formation.

Case Nos 20727 & 20728

- Papas Fritas 27-22 FED COM 712H to be drilled from a surface hole location ("SHL") of 152' FSL x 1792' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 2310' FWL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,270' subsurface in the Wolfcamp Formation.
- Papas Fritas 27-22 FED COM 713H to be drilled from a surface hole location ("SHL") of 150' FSL x 792' FEL of Section 27-T23S-R29E to a bottom hole location ("BHL") of 20' FNL x 990' FEL of Section 22-T23S-R29E. The proposed well will be drilled to an approximate true vertical depth ("TVD") of 10,310' subsurface in the Wolfcamp Formation.

These proposed locations and target depths are subject to change depending on any surface or subsurface concerns. Also, the enclosed AFEs represent an estimate of the costs that will be incurred to drill and complete these wells, but those electing to participate in the wells are responsible for their share of the actual costs incurred.

A new AAPL model form operating will need to be negotiated and executed to cover the proposed project area. If you would like to participate in these wells, please execute and return this letter to the undersigned. If you do not wish to participate, please contact the undersigned to discuss a potential trade or farmout of your interest. If an agreement cannot be reached within 30 days of the date of this letter, Devon will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest for the proposed wells.

If you have any questions or concerns regarding this proposal, please contact me at (405) 228-8804 or verl.brown@dvn.com.

Sincerely,
DEVON ENERGY PRODUCTION COMPANY, L.P.
W. J. Durana
Verl Brown Landman
Enclosures
Please elect one of the following and return to sender:
participate in the drilling of the Papas Fritas 27-22 FED COM 331H
non-consent the drilling of the Papas Fritas 27-22 FED COM 331H
participate in the drilling of the Papas Fritas 27-22 FED COM 332H
non-consent the drilling of the Papas Fritas 27-22 FED COM 332H

June 18, 2019 Page 3
participate in the drilling of the Papas Fritas 27-22 FED COM 333H
non-consent the drilling of the Papas Fritas 27-22 FED COM 333H
participate in the drilling of the Papas Fritas 27-22 FED COM 621H
non-consent the drilling of the Papas Fritas 27-22 FED COM 621H
participate in the drilling of the Papas Fritas 27-22 FED COM 622H
non-consent the drilling of the Papas Fritas 27-22 FED COM 622H
participate in the drilling of the Papas Fritas 27-22 FED COM 623H
non-consent the drilling of the Papas Fritas 27-22 FED COM 623H
participate in the drilling of the Papas Fritas 27-22 FED COM 711H
non-consent the drilling of the Papas Fritas 27-22 FED COM 711H
participate in the drilling of the Papas Fritas 27-22 FED COM 712H
non-consent the drilling of the Papas Fritas 27-22 FED COM 712H
participate in the drilling of the Papas Fritas 27-22 FED COM 713H
non-consent the drilling of the Papas Fritas 27-22 FED COM 713H
By:
Name:
Title:
Date:

<u>Working Interest Owners: Papas Fritas 27-22 Fed Com 331H, 332H, 333H, 621H, 622H, 623H, 711H, 712H, and 713H</u>

The Allar Company P.O. Box 1567 Graham, TX 76450

Highland (Texas) Energy Company 7557 Rambler Road, Suite 918 Dallas, TX 75218

OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046-0521

Chevron U.S.A. Inc. 1400 Smith Street Houston, TX 77002

TLW Investments, L.L.C. 1001 Fannin, Suite 2020 Houston, TX 77002



AFE # XX-133293.01

Well Name: PAPAS FRITAS 27-22 FED COM 621H Cost Center Number: 1094052201

Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision:

AFE Date: State:

06/18/2019

County/Parish:

NM EDDY

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 621H AS A WOLFCAMP XY WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
6060100	DYED LIQUID FUELS	135,959.58	403,549.53	0.00	539,509.11
6060130	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
6080100	DISPOSAL - SOLIDS	102,390.24	1,050.00	0.00	103,440.24
6080110	DISP-SALTWATER & OTH	0.00	9,450.00	0.00	9,450.00
6090100	FLUIDS - WATER	60,900.00	549,438.96	0.00	610,338.96
6100100	PERMIT SURVEY&TITLE	40,000.00	4,044.94	0.00	44,044,94
6100110	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
6110130	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723,03
6110170	DAMAGE & REMEDIATION	10,000.00	0.00	0.00	10,000.00
6130130	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.35
6130170	COMM SVCS - WAN	6,430.52	0.00	0.00	6.430.52
6130360	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
6130370	RTOC - GEOSTEERING	28,404.00	0.00	0.00	28,404.00
6150100	CH LOG PERFRTG&WL SV	0.00	377,028.75	0.00	377,028.75
6160100	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
6170110	SNUBBG&COIL TUBG SVC	0.00	377,490.51	0.00	377,490.51
	TRCKG&HL-SOLID&FLUID	55,118.75	0.00	0.00	55,118.75
8190110	TRUCKING&HAUL OF EQP	54,000.00	15,750.00	0.00	69,750.00
	CONSLT & PROJECT SVC	176,380.00	110,940.96	0.00	287,320.96
	SAFETY SERVICES	60,630,63	0.00	0.00	60,630,63
	SOLIDS CONTROL SRVCS	117,586.67	0.00	0.00	117,586.67
	STIMULATION SERVICES	0.00	1,254,080.89	0.00	1,254,080.89
6310190	PROPPANT PURCHASE	0.00	724,874.78	0.00	724,874.78
6310200	CASING & TUBULAR SVC	67,600.00	0.00	0.00	67,600.00
	CEMENTING SERVICES	255,000.00	0.00	0.00	255,000.00
	DAYWORK COSTS	734,916.67	0.00	0.00	734,916,67
6310300	DIRECTIONAL SERVICES	355,887.50	0.00	0.00	355,887.50
6310310	DRILL BITS	135,200.00	0.00	0.00	135,200.00
6310330	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.00
6310370	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.00
6310380	OPEN HOLE EVALUATION	24,129,31	0.00	0.00	24,129.31
5310480	TSTNG-WELL, PL & OTH	0.00	63,813.01	0.00	63,813.01
	MISC PUMPING SERVICE	0.00	101,460.03	0.00	101,460.03
	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.65
	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.00
320160	WELDING SERVICES	1,750.00	0.00	0.00	1,750.00
	WATER TRANSFER	0.00	179,568.61	0.00	179,568.61
	CONSTRUCTION SVC	0.00	164,224,72	0.00	164,224.72
	LEGAL FEES	20,000.00	0.00	0.00	20,000.00
	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.00
	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.00
	CAPITAL OVERHEAD	11,023.75	29,006.74	0.00	40,030.49
	TAXES OTHER	394.28	0.00	0.00	394.28



AFE # XX-133293.01

Well Name: PAPAS FRITAS 27-22 FED COM 621H Cost Center Number: 1094052201 Legal Description: SEC 27-23S-29E & 22-23S-29E Revision: □

AFE Date: State:

06/18/2019

County/Parish:

NM EDDY

	Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.16
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6130120	COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.94
5230130	SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.58
6300210	TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.10
6310150	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.00
6310460	WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.00
6310530	SURFACE CASING	33,000.00	0.00	0.00	33,000.00
6310540	INTERMEDIATE CASING	291,223.20	0.00	0.00	291,223.20
6310550	PRODUCTION CASING	407,949.00	0.00	0.00	407,949.00
6310580	CASING COMPONENTS	40,900.00	0.00	0.00	40,900.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	161,315.17	0.00	161,315.17
	Total Tangibles	859,846.78	688,139.21	0.00	1,547,985.9
	W/Hee				
WORKIN	IG INTEREST OWNER APPR	OVAL			
	IG INTEREST OWNER APPRy Name:	OVAL		***************************************	
	y Name:		Print Name:		
Compan	y Name:		Print Name:	***************************************	
Compan Signatui	y Name:		Print Name:		

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



AFE # XX-133308.01

Well Name: PAPAS FRITAS 27-22 FED COM 711H Cost Center Number: 1094053101

Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision:

AFE Date:

06/18/2019

State: County/Parish: NM

EDDY

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 711H AS A WOLFCAMP WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
	DYED LIQUID FUELS	135,959.58	403,549.53	0.00	539,509.11
	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
	DISPOSAL - SOLIDS	102,390,24	1,050.00	0.00	103,440.24
	DISP-SALTWATER & OTH	0.00	9,450.00	0.00	9,450.00
	FLUIDS - WATER	60,900.00	549,438.96	0.00	610,338.96
	PERMIT SURVEY&TITLE	40,000.00	4,044.94	0.00	44,044.94
	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723.03
	DAMAGE & REMEDIATION	10,000.00	0.00	0.00	10,000.00
	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.35
	COMM SVCS - WAN	6,430.52	0.00	0.00	6,430.52
	RTOC - ENGINEERING	0.00	10.500.00	0.00	10,500.00
	RTOC - GEOSTEERING	28,404.00	0.00	0.00	28,404.00
	CH LOG PERFRTG&WL SV	0.00	377,028.75	0.00	377,028.75
	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
	SNUBBG&COIL TUBG SVC	0.00	377,490.51	0.00	377,490.51
	TRCKG&HL-SOLID&FLUID	55,118.75	0.00	0.00	55,118.75
	TRUCKING&HAUL OF EQP	54,000.00	15,750.00	0.00	69,750.00
	CONSLT & PROJECT SVC	176,380.00	110,940.96	0.00	287,320.96
	SAFETY SERVICES	60,630.63	0.00	0.00	60,630.63
	SOLIDS CONTROL SRVCS	117.586.67	0.00	0.00	117,586.67
	STIMULATION SERVICES	0.00	1,254,080.89	0.00	1,254,080.8
	PROPPANT PURCHASE	0.00	724,874.78	0.00	724,874.78
	CASING & TUBULAR SVC	67,600.00	0.00	0.00	67,600.00
	CEMENTING SERVICES	255,000.00	0.00	0.00	255,000.00
	DAYWORK COSTS	734,916.67	0.00	0.00	734,916.67
	DIRECTIONAL SERVICES	355,887,50	0.00	0.00	355,887.5
	DRILL BITS	135,200.00	0.00	0.00	135,200.0
	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.0
	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.00
The state of the state of	OPEN HOLE EVALUATION	24,129.31	0.00	0.00	24,129.31
	rstng-well, PL & OTH	0.00	63,813.01	0.00	63,813.01
-	MISC PUMPING SERVICE	0.00	101,460.03	8.00	101,460.0
	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.6
	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.0
	WELDING SERVICES	1,750.00	0.00	0.00	1,750.00
115000000000000000000000000000000000000	WATER TRANSFER	0.00	179,568.61	0.00	179,568.6
	CONSTRUCTION SVC	0.00	164,224.72	0.00	164,224.7
	LEGAL FEES	20,000.00	0.00	0.00	20,000.0
	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.0
	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.0
	O CAPITAL OVERHEAD	11,023.75	29,006.74	0.00	40,030.4
-	0 TAXES OTHER	394.28	0.00	0.00	394.28

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.



AFE # XX-133308.01

Well Name: PAPAS FRITAS 27-22 FED COM 711H

Cost Center Number: 1094053101 Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision: 📋

AFE Date:

06/18/2019

State:

NM County/Parish:

EDDY

	Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.16
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6130120	COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.94
6230130	SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.58
6300210	TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.10
6310150	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.00
6310460	WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.00
6310530	SURFACE CASING	33,000.00	0.00	0.00	33,000.00
6310540	INTERMEDIATE CASING	291,223.20	0.00	0.00	291,223.20
6310550	PRODUCTION CASING	407,949.00	0.00	0.00	407,949.00
6310580	CASING COMPONENTS	40,900.00	0.00	0.00	40,900.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	161,315.17	0.00	161,315.17
	Total Tangibles	859,846.78	688,139.21	0.00	1,547,985.99
TC	OTAL ESTIMATED COST	4,148,754.00	6,096,986.15	0.00	10,245,740.15

Company Name:		
Signature:	Print Name;	
Title:	The state of the s	
Date:		-

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



AFE # XX-133309.01 Well Name: PAPAS FRITAS 27-22 FED COM 712H

Cost Center Number: 1094053201

Legal Description: SEC 27-23S-29E & 22-23S-29E

Revision:

AFE Date:

06/18/2019

State: County/Parish:

NM EDDY

Explanation and Justification:

DRILL & COMPLETE THE PAPAS FRITAS 27-22 FED COM 712H AS A WOLFCAMP WELL.

Code	Intangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6040110	CHEMICALS - OTHER	0.00	200,636.96	0.00	200,636.96
6060100	DYED LIQUID FUELS	135,959.58	403,549.53	0.00	539,509.11
6060130	GASEOUS FUELS	62,467.92	0.00	0.00	62,467.92
6080100	DISPOSAL - SOLIDS	102,390.24	1,050.00	0.00	103,440.24
6080110	DISP-SALTWATER & OTH	0.00	9,450.00	0.00	9,450.00
	FLUIDS - WATER	60,900.00	549,438.96	0.00	610,338.96
	PERMIT SURVEY&TITLE	40,000.00	4,044.94	0,00	44,044.94
6100110	RIGHT OF WAY	5,000.00	0.00	0.00	5,000.00
	ROAD&SITE PREP SVC	100,000.00	40,723.03	0.00	140,723.03
	DAMAGE & REMEDIATION	10.000.00	0.00	0.00	10,000.00
	COMM SERVICE - SCADA	0.00	112,921.35	0.00	112,921.35
	COMM SVCS - WAN	6,430.52	0.00	0.00	6,430.52
	RTOC - ENGINEERING	0.00	10,500.00	0.00	10,500.00
	RTOC - GEOSTEERING	28,404.00	0.00	0.00	28,404.00
	CH LOG PERFRTG&WL SV	0.00	377,028.75	0.00	377,028.79
-	MATERIALS & SUPPLIES	734.92	0.00	0.00	734.92
	SNUBBG&COIL TUBG SVC	0.00	377,490,51	0.00	377,490.5
	TRCKG&HL-SOLID&FLUID	55,118.75	0.00	0.00	55,118.75
	TRUCKING&HAUL OF EQP	54,000.00	15,750.00	0.00	69,750.00
	CONSLT & PROJECT SVC	176,380.00	110,940.96	0.00	287,320.9
	SAFETY SERVICES	60,630.63	0.00	0.00	60,630,63
	SOLIDS CONTROL SRVCS	117,586.67	0.00	0.00	117,586.6
	STIMULATION SERVICES	0.00	1,254,080.89	0.00	1,254,080.8
	PROPPANT PURCHASE	0.00	724,874.78	0.00	724,874.7
	CASING & TUBULAR SVC	67,600.00	0.00	0.00	67,600.00
	CEMENTING SERVICES	255,000.00	0.00	0.00	255,000.0
	DAYWORK COSTS	734,916.67	0.00	0.00	734,916.6
	DIRECTIONAL SERVICES	355,887.50	0.00	0.00	355,887.5
	DRILL BITS	135,200.00	0.00	0.00	135,200.0
	DRILL&COMP FLUID&SVC	395,920.00	2,100.00	0.00	398,020.0
	MOB & DEMOBILIZATION	22,000.00	0.00	0.00	22,000.0
	OPEN HOLE EVALUATION	24,129.31	0.00	0.00	24,129.3
		0.00	63,813.01	0.00	63,813.0
	MISC PUMPING SERVICE	0.00	101,460.03	0.00	101,460.0
	EQPMNT SVC-SRF RNTL	143,492.48	188,193.17	0.00	331,685.6
	EQUIP SVC - DOWNHOLE	79,690.00	0.00	0.00	79,690.0
	WELDING SERVICES	1,750.00	0.00	0.00	1,750.0
	WATER TRANSFER	0.00	179,568.61	0.00	179,568.6
	CONSTRUCTION SVC	0.00	164,224.72	0.00	164,224.7
	LEGAL FEES	20,000.00	0.00	0.00	20,000.0
	MISCS COSTS & SERVS	0.00	488,000.00	0.00	488,000.0
	MISCELLANEOUS SVC	25,900.00	0.00	0.00	25,900.0
	CAPITAL OVERHEAD	11.023.75	29,006.74	0.00	40,030.4
	TAXES OTHER	394.28	0.00	0.00	394.28

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.



AFE # XX-133309.01

Well Name: PAPAS FRITAS 27-22 FED COM 712H Cost Center Number: 1094053201 Legal Description: SEC 27-23S-29E & 22-23S-29E

TOTAL ESTIMATED COST

Revision:

AFE Date:

06/18/2019

State:

6,096,986.15

NM County/Parish:

0.00

10,245,740.15

EDDY

	Total Intangibles	3,288,907.22	5,408,846.94	0.00	8,697,754.16
Code	Tangible Description	Drilling Costs	Completion Costs	Dry Hole Costs	Total Costs
6130120	COMM DEVICES - SCADA	0.00	24,194.94	0.00	24,194.94
6230130	SAFETY EQUIPMENT	3,674.58	0.00	0.00	3,674.58
6300210	TREATER FWKO EQUIP	0.00	476,169.10	0.00	476,169.10
6310150	CASG-COND&DRIVE PIPE	50,000.00	0.00	0.00	50,000.00
6310460	WELLHEAD EQUIPMENT	33,100.00	26,460.00	0.00	59,560.00
6310530	SURFACE CASING	33,000.00	0.00	0.00	33,000.00
6310540	NTERMEDIATE CASING	291,223.20	0.00	0.00	291,223.20
6310550	PRODUCTION CASING	407,949.00	0.00	0.00	407,949.00
6310580	CASING COMPONENTS	40,900.00	0.00	0.00	40,900.00
6330100	PIPE,FIT,FLANG,CPLNG	0.00	161,315.17	0.00	161,315.17
	Total Tangibles	859,846.78	688,139.21	0.00	1,547,985.99

Company Name:				
Signature:	Print Name:			
Title:				
Date:				
Email:				

4,148,754.00

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

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

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P. FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NOS. 20727 & 20728

AFFIDAVIT OF MIRANDA CHILDRESS IN SUPPORT OF CASE NOS. 20727 AND 20728

Miranda Childress, of lawful age and being first duly sworn, declares as follows:

1. My name is Miranda Childress. I work for Devon Energy Production Company,

L.P. ("Devon") as a geologist.

2. I have not previously testified before the New Mexico Oil Conservation Division

as an expert witness in petroleum geology matters. I graduated from Oklahoma State University

with a bachelor's degree in geology in 2012, and a master's degree in geology in 2015. Since

April 2015, I have worked as a geologist in Oklahoma and New Mexico. My curriculum vitae is

attached hereto as Devon Exhibit No. B-1. I seek to have my credentials as an expert petroleum

geologist accepted and made a matter of public record.

3. I am familiar with the applications filed by Devon in Case Nos. 20727 and 20728,

and I have conducted a geologic study of the lands in the subject areas.

4. In these cases, Devon is targeting the Wolfcamp formation.

5. **Devon Exhibit B-2** is a locator map. It shows the path of the proposed wellbores

for the Papas Fritas 27-22 Fed Com 621H, Papas Fritas 27-22 Fed Com 622H well, Papas

Fritas 27-22 Fed Com 623H well, Papas Fritas 27-22 Fed Com 711H well, Papas Fritas 27-

22 Fed Com 712H well, and the Papas Fritas 27-22 Fed Com 713H well. Nearby existing

producing Wolfcamp wells are also shown on this exhibit.

- Oevon Exhibit B-2 is also a subsea structure map that I prepared off the top of the Wolfcamp formation with a contour interval of 25 feet. The proposed Papas Fritas 27-22 Fed Com 621H, Papas Fritas 27-22 Fed Com 622H well, and Papas Fritas 27-22 Fed Com 623H wells are depicted with blue lines and I have identified the first and last take points for each well. The proposed Papas Fritas 27-22 Fed Com 711H well, Papas Fritas 27-22 Fed Com 712H well, and Papas Fritas 27-22 Fed Com 713H well are depicted with green lines and I have identified the first and last take points for these wells. The structure map shows the Wolfcamp is gently dipping to the east. The structure appears consistent across the proposed wellbore paths. I do not observe any faulting, pinchouts, or other geologic impediments to horizontal drilling.
- 7. **Devon Exhibit B-3** shows the location of the wells used to create the stratigraphic cross-section on **Devon Exhibit B-4**. These three wells from A to A' are representative of the geology in the area.
- 8. **Devon Exhibit B-4** is a stratigraphic cross-section that I prepared displaying openhole logs run over the Wolfcamp XY and Wolfcamp 100 from three representative wells denoted from A to A'. For each well in the cross-section, the exhibit shows the following logs: gamma ray, resistivity, and porosity. The proposed target interval is labeled and marked. The logs in the cross-section demonstrate that the target interval, within the Wolfcamp, is consistent in thickness, across the entire proposed spacing unit.
- 9. In my opinion, each tract comprising the proposed horizontal spacing units in **Case**Nos. 20727 and 20728 will be productive and contribute more-or-less equally to production from the wellbore.
- 10. In my opinion, the granting of Devon's applications in these cases is in the best interest of conservation, the prevention of waste, and protection of correlative rights.

11.	Devon Exhibits B-1 through B-4 were either prepared by me or compiled under
my direction	and supervision.

FURTHER AFFIANT SAYETH NOT.

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	Tolle	11	
Mirano	a Childre	ess	

STATE OF OKLAHOMA)	
)	
COUNTY OF OKLAHOMA)	
		3.4

SUBSCRIBED and SWORN to before me this ______ day of August 2019 by Miranda Childress.

Kachel Egllach

My Commission Expires:

#EL GER # 11008642 EXP. 06/22/23 OF OK. 20

Miranda Childress

Work Address: Devon Energy Corporation, 333 West Sheridan Ave., Oklahoma City, OK 73102, miranda.childress@dvn.com Home Address: 11435 Stonecrest, Guthrie, OK 73044, (405) 612-0804

Career Experience

Exploration Geologist, Delaware Basin

Exploration Geologist, Darcy Team

Exploration Geologist, New Ventures, Permian Basin/Anadarko Basin

Exploration Geologist, Anadarko Basin, STACK

Execution Geologist, Anadarko Basin, Sheetrock

Exploration Geologist, Anadarko Basin, Sheetrock

Exploration Geologist, Anadarko Basin, Granite Wash

Internship, Devon Energy, Anadarko Basin

March, 2019 – Present

January, 2018 – March, 2019

February, 2017 – February, 2017

February, 2016 – March, 2016

April, 2015 – January, 2016

Summer, 2014

Education

Master of Science, Geology, Oklahoma State University

Thesis Title: High-resolution Sequence Stratigraphic Architecture

May, 2015

Advisor: Michael Grammer Graduate GPA: 3.57

Bachelor of Science, Geology, Oklahoma State University Undergraduate GPA: 3.57 (major)/3.45 (cumulative)

December, 2012

July 2019

Publications and Presentations

Deep Water Clastic Systems (N009)

Childress, M.N. and Grammer, G.M., 2018, Characteristics of Debris Flows and Outrunner Blocks: Evidence for Mississippian-age Deposition on a Distally Steepened Ramp: AAPG Memoir, Accepted, Mississippian Reservoirs of the Mid-Continent, USA.

Childress, M.N, Benton, A., Bowie, C., O'Brien, J., Pfau, K., Petrophysical properties of core from the Midland Basin using hyperspectral imaging and helical CT scan technology: DTC poster presentation, October, 2017, top poster award

Childress, M.N. and Grammer, G.M., 2015, High Resolution Sequence Stratigraphic Architecture of a Mid-Continent Mississippian Outcrop in Southwest Missouri: Shale Shaker, v. 66, no. 4, p. 206-234.

Childress, M.N. (presenter) and Grammer, G.M., "New Interpretations for the Deposition of Mississippian Limestones in the Mid-Continent: A reflection of sequence stratigraphy and associated migration of facies belts," AAPG Mid-Continent Section Meeting, October, 2015, Tulsa, OK.

Training

Deep Water Clastic Systems (NOOS)	July, 2019
Fluvial and Shallow Marine Reservoirs (N096)	April, 2019
Deepwater Reservoir Presence and Architecture (N302):	May, 2017
Permian Brushy Canyon Formation, Guadalupe and Delaware Mountains	
Play Fairway Analysis and Exploration Prospecting (N087)	March, 2017
Introduction to Applied Geomechanics	November, 2016
Carbonate Depositional Systems (N189)	October, 2016
Applied Subsurface Mapping (SCA)	April, 2016
Petroleum Generation and Migration (N084)	March, 2016
Risk Analysis for Petroleum Exploration (NO89)	October, 2015
AAPG Well Log Analysis	September, 2015
Horizon Mud Logging	September, 2015
Practical Methods for Sequence Stratigraphic Prediction (N349)	April, 2015

Professional Memberships

Oklahoma City Geological Society

American Association of Petroleum Geologists

Fall 2012 - Present

Spring 2011 - Present

Community Involvement

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B1
Submitted by: Devon Energy Production
Hearing Date: September 05, 2019
Case Nos 20727 & 20728

Tech Trek (STEAM), Presenter
Devon Science Giants Grant Review, Committee Member
Morrison Elementary, Career Day
Heritage Elementary, STEM Career Day
Mark Twain Elementary, Tutor

June, 2016 – Present November, 2016 – 2018 November, 2018 January, 2018 August, 2015 – 2017

Skills

Carbonate sedimentology and sequence stratigraphy, carbonate depositional systems, Petra, Kingdom, Star Steer, Stoner Engineering Software, strong written and oral communication skills

Structure Map: WFMP

CI = 25 Feet

697

PAPAS FRITAS 27-22 FED COM 621H PAPAS FRITAS 27-22 FED COM 622H PAPAS FRITAS 27-22 FED COM 623H PAPAS FRITAS 27-22 FED COM 711H PAPAS FRITAS 27-22 FED COM 712H PAPAS FRITAS 27-22 FED COM 713H **Devon Horizontal Locations:**

WFMP 100 Horizontal Wells WFMP XY Horizontal Wells

28

6904

IST 001

BHL

FF

Control Points

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico

Exhibit No. B2

Submitted by: **Devon Energy Production** Hearing Date: September 05, 2019 Case Nos 20727 & 20728

Devon - Internal

Devon - Internal

Submitted by: Devon Energy Production Hearing Date: September 05, 2019

Santa Fe, New Mexico Exhibit No. B3 Case Nos 20727 & 20728

WFMP 100 Landing Zone WFMP XY Landing Zone BEFORE THE OIL CONSERVATION DIVISION Submitted by: Devon Energy Production Hearing Date: September 05, 2019 Case Nos 20727 & 20728 Santa Fe, New Mexico Exhibit No. B4 X WFMP 100 WFMP_200 38888 WFMP 0.30 -0.10 0.30 -0.10 LAGUNA GRANDE UNIT 2 200 9800 10000 10100 10300 10400 10500 9900 9700 Devon - Internal 0.30 -0.1 LAGUNA SALADO SOUTH UNIT 1 Stratigraphic Cross Section A – A' 9900 9700 9800 10000 10400 1010 10200 10300 9600 Bone Spring & Wolfcamp Case Nos. 20727 & 20728 Exhibit B4 0.30 -0.10 0.30 -0.1 2.00 2000 9800 9900 10000 10100 10300 10200 200 1

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

APPLICATION OF DEVON ENERGY PRODUCTION COMPANY, L.P. FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.

CASE NOS. 20727 & 20728

AFFIDAVIT

STATE OF NEW MEXICO)
) ss.
COUNTY OF SANTA FE)

Kaitlyn A. Luck, attorney in fact and authorized representative of Devon Energy Production Company, L.P., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications have been provided under the notice letters and proof of receipts attached hereto.

Kaitlyn A. Luck

SUBSCRIBED AND SWORN to before me this 4th day of September, 2019 by Kaitlyn A. Luck.

Notary Public

My Commission Expires:

OFFICIAL SEAL
ANNA K. STORM
NOTARY PUBLIC - STATE OF NEW MEXICO
My Commission Expires: January 28, 2003

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C

Submitted by: Devon Energy Production
Hearing Date: September 05, 2019
Case Nos 20727 & 20728



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources –
Oil and Gas Law – New
Mexico Board of Legal
Specification
mfeldewert@hollandhart.com

August 16, 2019

VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Devon Energy Production Company, L.P. for compulsory

pooling, Eddy County, New Mexico.

Papas Fritas 27-22 Fed Com 622H, 623H, 713H Wells

Ladies & Gentlemen:

This letter is to advise you that Devon Energy Production Company, L.P., has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on September 5, 2019, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B to file a Pre-hearing Statement four business days in advance of a scheduled hearing. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: the names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Verl Brown at (405) 228-8804, or at Verl.Brown@dvn.com

Sincerely

Michael H. Feldewert

ATTORNEY FOR DEVON ENERGY PRODUCTION

COMPANY, L.P.



Michael H. Feldewert
Recognized Specialist in the
Area of Natural Resources –
Oil and Gas Law – New
Mexico Board of Legal
Specification
mfeldewert@hollandhart.com

August 16, 2019

<u>VIA CERTIFIED MAIL</u> CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re:

Application of Devon Energy Production Company, L.P. for compulsory

pooling, Eddy County, New Mexico.

Papas Fritas 27-22 Fed Com 621H, 711H, 712H Wells

Ladies & Gentlemen:

This letter is to advise you that Devon Energy Production Company, L.P., has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on September 5, 2019, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m. in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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If you have any questions about this matter, please contact Verl Brown at (405) 228-8804, or at Verl.Brown@dvn.com

Michael H. Feldewert

ATTORNEY FOR DEVON ENERGY PRODUCTION

COMPANY, L.P.

Postal Delivery Report
Devon - Papas Fritas 331H-333H, 621H-623H, 711H-713H
Case Nos, 20727-20731

			C4301	date 1405, 2072/-20731	20/31
TrackingNo ToName 9414810898765 The Allar Company 041567168	DeliveryAddress 735 Elm St	City Graham	State TX	Zip 76450-	USPS_Status Your item was delivered at 10:08 am on August 26, 2019 in
9414810898765 Highland (Texas) Energy 041567281 Company	7557 Rambler Rd Ste 918	Dallas	¥	3018 75231- 2306	GRAHAM, 1X 76450. Your item was delivered to the front desk, reception area, or mail room at 2:49 pm on August 22, 2019 in DALLAS, TX
9414810898765 OXY USA Inc. 041567298 9414810898765 Michael D. Hayes 041567304	5 Greenway Plz Ste 110 3608 Meadowridge Ln	Houston Midland	¥ ¥	77046- 0521 79707- 4543	Y5231. Your item was delivered at 6:01 am on August 23, 2019 in HOUSTON, TX 77027. Your item was delivered to an individual at the address at 2.08 pm on August 24, 2019 is MIDIAND, TX 70207
9414810898765 Lenox Mineral Title 041567311 Holdings, Inc., solely in	100 Throckmorton St Ste Fort Worth 1630	Fort Worth	¥	76102-2846	Your item was delivered to an individual at the address at 11:55 am on August 22, 2019 in FORT WORTH, TX 76102.
9414810898765 LaNell Joy Honeyman 041567328	406 Skywood	Midland	×	79705- 2914	Your item was delivered to an individual at the address at 1:40 pm on August 22, 2019 in MIDLAND, TX 79705.
9414810898765 LaNell Joy Honeyman, 041567335	406 Skywood	Midland	¥	79705- 2914	Your item was delivered to an individual at the address at 1:40 pm on August 22, 2019 in MIDLAND, TX 79705.
9414810898765 Highland (Texas) Energy 041567175 Company	7557 Rambler Rd Ste 918 Dallas	Dallas	×	75231- 2306	Your item was delivered to the front desk, reception area, or mail room at 2:49 pm on August 22, 2019 in DALIAS TX
9414810898765 OXY USA Inc. 041567182	5 Greenway Plz Ste 110	Houston	¥	77046- 0521	75231. The delivery status of your item has not been updated as of August 23, 2019, 12:54 am. We apologize that it may arrive later than expected.
9414810898765 Chevron U.S.A. Inc. 041567199 9414810898765 TLW Investments, L.L.C.	1400 Smith St 1001 Fannin St Ste 2020	Houston	ž ž	77002- 7327 77002- 6715	Your item was delivered at 2:56 pm on August 26, 2019 in HOUSTON, TX 77002. Your item was delivered to an individual at the address at 11:38 am on August 22, 2019 in HOUSTON, TX 77002.
9414810898765 Crownrock Minerals, L.P. 041567236 9414810898765 Maribeth Naughton as 041567250 Trustee	PO Box 51933 410 17th St Ste 1150	Midland Denver	¥ 8	79710- 1933 80202- 4414	Your item was delivered at 12:19 pm on August 26, 2019 in MIDLAND, TX 79705. Your item was delivered to the front desk, reception area, or mail room at 12:01 pm on August 21, 2019 in DENVER.
9414810898765 Limpinbear Family 041567267 Partnership, Ltd.	415 W Wall St Ste 1900	Midland	¥	79701- 4585	CO 80202. Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414810898765 The Allar Company 041567274	735 Elm St	Graham	¥	76450- 3018	Your item was delivered at 10:08 am on August 26, 2019 in GRAHAM, TX 76450.

RRENT-ALGUS

AFFIDAVIT OF PUBLICATION

Ad No. 0001294245

HOLLAND & HART PO BOX 2208

SANTA FE NM 87504

I, a legal clerk of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published: that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

08/20/19

Legal Clerk

Subscribed and sworn before me this 20th of August 2019.

of WK County of Brown NOTARY PUBLIC

NANCY HEYRMAN Notary Public State of Wisconsin

My Commission Expires

Ad#:0001294245

PO: 11.Papas Fritas 27-22 Fed Corn 622H

of Affidavits: 0.00

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on September 5, 2019, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by August 26, 2019. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not

To:All overriding royalty interest owners and pooled parties, including: The Allar Company; Highland (Texas) Energy Company; Oxy USA Inc.; Chevron U.S.A, Inc.; TLW Investments, L.L.C.; Crownrock Minerals, L.P.; Maribeth Naughton as Trustee of The Morse Family Security Trust: Limpinboar Family Portnorship curity Trust; Limpinbear Family Partnership, Ltd.; Michael D. Hayes, his heirs and devisees Lenox Mineral Title Holdings, Inc., solely in its capacity as nominee holder of legal title as agent for the benefit of Lenox Minerals, LLC; LaNell Joy Honeyman, her heirs and devisees LaNell Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust. Case No. 20727:Application of Devon Energy

Production Company, L.P. for compulsory pooling, Eddy County, New Mexico Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Wolfcamp (Purple Sage Wolfcamp Gas Pool) formation underlying a 640-acre standard horizontal spacing unit comprised of the E/2 of Sections 22 and 27, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:

o The Papas Fritas 27-22 Fed Com 622H well to be horizontally drilled from a surface hole location in the SW/4 SE/4 (Unit O) of Section 27 to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 22.

o The Papas Fritas 27-22 Fed Com 623Hwell and the Pap Fritas 27-22 Fed Com 713Hwell, both of which will be horizontally drilled from surface hole locations in the SE/4 SE/4 (Unit P) of Section 27 to bottom hole locations in the NE/4 NE/4 (Unit A) of Section 22.

Also, to be considered will be the cost of drilling and completing the wells, the allocation of the costs thereof, the actual operating costs and charges for supervision, the designation of the Applicant as operator, and the imposition of a 200% charge for risk involved in drilling and completing the wells. Said area is located approximately 7 miles east of Loving, New Mexico.

August 20, 2019 Legal ad #1294245

URRENT-ARGUS

AFFIDAVIT OF PUBLICATION

Ad No. 0001294244

HOLLAND & HART PO BOX 2208

SANTA FE NM 87504

I, a legal clerk of the Carlsbad Current-Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof on the date as follows, to wit:

08/20/19

Legal Clerk

Subscribed and sworn before me this 20th of August 2019.

WI, Junty of Brown NOTARY PUBLIC

5.15.23

My Commission Expires

Ad#:0001294244

of Affidavits: 0.00

PO: 10. Papas Fritas 27-22 Fed ONA SECHY HEYRMAN Notary Public State of Wisconsin

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

The State of New Mexico through its Oil Conservation Division hereby gives notice pursuant to law and the Rules and Regulations of the Division of the following public hearing to be held at 8:15 A.M. on September 5, 2019, in the Oil Conservation Division Hearing Room at 1220 South St. Francis, Santa Fe, New Mexico, before an examiner duly appoint for the hearing. If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aid or service to attend or participate in the hearing, please contact: Florene Davidson at 505-476-3458 or through the New Mexico Relay Network, 1-800-659-1779 by August 26, 2019. Public documents, including the agenda and minutes, can be provided in various accessible forms. Please contact Florene Davidson if a summary or other type of accessible form is needed.

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To:All overriding royalty interest owners and pooled parties, including: The Allar Company: Highland (Texas) Energy Company; Oxy USA Inc.; Chevron U.S.A, Inc.; TLW Investments, L.L.C.; Crownrock Minerals, L.P.; Maribeth Naughton as Trustee of The Morse Family Security Trust: Limpiphore Family Portners in curity Trust; Limpinbear Family Partnership, Ltd.; Michael D. Hayes, his heirs and devisees Lenox Mineral Title Holdings, Inc., solely in its capacity as nominee holder of legal title as agent for the benefit of Lenox Minerals, LLC: LaNell Joy Honeyman, her heirs and devisees LaNell Joy Honeyman, as Trustee of the Leslie Robert Honeyman Trust.

Case No. 20728:Application of Devon Energy Production Company, L.P. for compulsory pooling, Eddy County, New Mexico Applicant in the above-styled cause seeks an order pooling all uncommitted interest owners in the Bone Spring formation underlying a Wolfcamp (Purple SageWolfcamp Gas Pool) formation underlying a 640-acre standard horizontal spacing unit comprised of the W/2 of Sections 22 and 27, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico. Applicant seeks to dedicate the above-referenced horizontal spacing unit to the following proposed initial wells:

o The Papas Fritas 27-22 Fed Com 621H well and the Papas Fritas 27-22 Fed Com 711Hvell. both of which will be horizontally drilled from

surface hole locations in the NW/4 NW/4 (Unit D) of Section 34 to bottom hole locations in the NW/4 NW/4 (Unit D) of Section 22. o The **Papas Fritas 27-22 Fed Com 712H**well to be horizontally drilled from a surface hole location in the SW/4 SE/4 (Unit O) of Section 27 to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 22. Also, to be considered will be the cost of drilling and completing the wells, the allocation of the costs thereof, the actual operating costs and charges for supervision the designation of

ing and completing the wells, the allocation of the costs thereof, the actual operating costs and charges for supervision, the designation of the Applicant as operator, and the imposition of a 200% charge for risk involved in drilling and completing the wells. Said area is located approximately 7 miles east of Loving, New Mexico.

August 20, 2019 Legal ad#1294244