



Devon Energy Production Company  
333 W. Sheridan Avenue  
Oklahoma City, Oklahoma 73102

June 24, 2021

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Interest Owners

**Re:** Central Tank Battery  
FULLY LOADED 12 CTB 2  
Sec.,T, R: SE/4 of NW/4 of S12, T24S, R29E  
Lease: NMNM105213-12.5%, NMNM102912-12.5%, NMNM088136-12.5%  
Pool: [98220] PURPLE SAGE; WOLFCAMP (GAS) & [96473] PIERCE CROSSING; BONE SPRING, EAST  
County: Eddy Co., New Mexico

Dear Interest Owner,

This is to advise you that Devon Energy Production Company, LP, is filing an application with the New Mexico Oil Conservation Division ("NMOCD") seeking approval for a Central Tank Battery for the below mentioned wells.

Well Name	API/UWI	LOCATION	POOL
FULLY LOADED 12-1 FED COM 622H	30-015-47578	E-12-24S- 29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)
FULLY LOADED 12-1 FED COM 332H	30-015-47576	E-12-24S- 29E	[96473] PIERCE CROSSING; BONE SPRING, EAST
FULLY LOADED 12-1 FED COM 621H	30-015-47577	E-12-24S- 29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)
FULLY LOADED 12-13 FED COM 622H	30-015-47549	E-12-24S- 29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)
FULLY LOADED 12-13 FED COM 331H	30-015-47551	E-12-24S- 29E	[96473] PIERCE CROSSING; BONE SPRING, EAST
FULLY LOADED 12-13 FED COM 621H	30-015-47548	E-12-24S- 29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)

In addition to the Central Tank Battery, Devon Energy Production Company, LP request approval to add new leases and pools and/or new wells producing from the authorized leases and pools. Devon Energy Production Company, LP request approval to only notice the interest owners of new leases and pools to be added via amendment (reference rule 19.15.12.10(C)(4)(g) NMAC)

A copy of our application submitted to the Division is attached.

Any objections or requests that a hearing should be held regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe office within 20 days from the date of this letter.

Sincerely,

*Jenny Harms*

Regulatory Compliance Professional

Work Phone: (405)552-6560

[Jennifer.harms@devon.com](mailto:Jennifer.harms@devon.com)

Devon Energy Center-Tower

333 West Sheridan Avenue Oklahoma City OK 73102-5015

Enclosure

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



### ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

**Applicant:** Devon Energy Production Co., L.P. **OGRID Number:** 6137  
**Well Name:** see attachments for multiple wells and API's **API:** \_\_\_\_\_  
**Pool:** [98220] PURPLE SAGE; WOLFCAMP (GAS) **Pool Code:** \_\_\_\_\_  
[96473] PIERCE CROSSING; BONE SPRING, EAST

### SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL

☐ NSP (PROJECT AREA)

☐ NSP (PRORATION UNIT)

☐ SD

B. Check one only for [ I ] or [ II ]

[ I ] Commingling – Storage – Measurement

☐ DHC

☐ CTB

☒ PLC

☐ PC

☐ OLS

☒ OLM

[ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX

☐ PMX

☐ SWD

☐ IPI

☐ EOR

☐ PPR

2) **NOTIFICATION REQUIRED TO:** Check those which apply.

A. ☐ Offset operators or lease holders

B. ☒ Royalty, overriding royalty owners, revenue owners

C. ☐ Application requires published notice

D. ☐ Notification and/or concurrent approval by SLO

E. ☒ Notification and/or concurrent approval by BLM

F. ☐ Surface owner

G. ☐ For all of the above, proof of notification or publication is attached, and/or,

H. ☐ No notice required

#### FOR OCD ONLY

☐ Notice Complete

☐ Application  
Content  
Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

Jenny Harms

Print or Type Name

Jenny Harms

Signature

6/24/2021

Date

405-552-6560

Phone Number

jenny.harms@dv.com

e-mail Address

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Devon Energy Production Co., L.P.  
OPERATOR ADDRESS: 333 W Sheridan Avenue, Oklahoma City, OK 73102  
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☒ Yes ☐ No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
See attachments					

- (2) Are any wells producing at top allowables? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☒ Metering ☐ Other (Specify)  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No  
(4) Measurement type: ☒ Metering ☐ Other (Specify)

**(C) POOL and LEASE COMMINGLING**  
Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**  
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☒ No  
(2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**  
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Jenny Harms TITLE: Regulatory Specialist 6-24-2021

TYPE OR PRINT NAME Jenny Harms TELEPHONE NO.: 405-552-6560

E-MAIL ADDRESS: jenny.harms@dvn.com



# APPLICATION FOR CENTRAL TANK BATTERY\OFF LEASE MEASUREMENT, SALES, & STORAGE

43 CFR 3173.14 (a)(1)(i-iv)

(1) The proposed commingling includes production from more than one:

(i) Federal lease, unit PA, or CA, where each lease, unit PA, or CA proposed for commingling has 100 percent Federal mineral interest, the same fixed royalty rate and, and the same revenue distribution;

## Proposal for **FULLY LOADED 12 CTB 2:**

Devon Energy Production Company, LP is requesting approval for a Lease/Pool Commingle and Off- Lease Measurement for the following wells:

Well Name	API/UWI	LOCATION	POOL	LEASES	LEASES
FULLY LOADED 12-1 FED COM 622H	30-015-47578	E-12-24S-29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)	NMNM105213-12.5%	NMNM102912-12.5%
FULLY LOADED 12-1 FED COM 332H	30-015-47576	E-12-24S-29E	[96473] PIERCE CROSSING; BONE SPRING, EAST	NMNM105213-12.5%	NMNM102912-12.5%
FULLY LOADED 12-1 FED COM 621H	30-015-47577	E-12-24S-29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)	NMNM105213-12.5%	NMNM102912-12.5%
FULLY LOADED 12-13 FED COM 622H	30-015-47549	E-12-24S-29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)	NMNM105213-12.5%	NMNM088136-12.5%
FULLY LOADED 12-13 FED COM 331H	30-015-47551	E-12-24S-29E	[96473] PIERCE CROSSING; BONE SPRING, EAST	NMNM105213-12.5%	NMNM088136-12.5%
FULLY LOADED 12-13 FED COM 621H	30-015-47549	E-12-24S-29E	[98220] PURPLE SAGE; WOLFCAMP (GAS)	NMNM105213-12.5%	NMNM088136-12.5%

**CA:**

Attached is the proposed federal CA allocation method for each lease in the CA.

FULLY LOADED 12-1 FED COM 622H	WOLFCAMP - S/2 NW4 AND SW/4 of Section 1 NW/4 of Section 12
FULLY LOADED 12-1 FED COM 332H	BONESPRING CA- SE/4 NW/4 and E/2 SW/4 of Section 1 E/2 NW /4 of Section 12
FULLY LOADED 12-1 FED COM 621H	WOLFCAMP - S/2 NW4 AND SW/4 of Section 1 NW/4 of Section 12
FULLY LOADED 12-13 FED COM 622H	WOLFCAMP CA - SW/4 of Section 12 W/2 of Section 13
FULLY LOADED 12-13 FED COM 331H	BONESPRING CA - SW/4 of Section 12 & W/2 of Section 13
FULLY LOADED 12-13 FED COM 621H	WOLFCAMP CA - SW/4 of Section 12 W/2 of Section 13

**The Fully Loaded 12 CTB 2, is located in SE/4 of NW/4 of S12, T24S, R29E in Eddy County, New Mexico.**

Each well flows to its own 3-Phase Separator where the full well stream is separated into independent gas, oil, and water streams.

3-Phase gas flows through an independent and designated orifice meter for rate allocation. The gas then flows into a manifold where it is combined with gas from other 3-Phases. The combined stream flows into the 2-Phase Separator(s) for further conditioning. The conditioned gas stream flows through an orifice meter(s) for Federal Measurement Point/Sales/Royalty Payment.

3-Phase oil flows through an independent and designated Coriolis meter for rate allocation. The oil then flows into a manifold where it is combined with oil from other 3-Phases. The combined stream flows into the Heater Treater(s) and then ULPS(s) for further conditioning and then into one of the oil tanks for storage. The stored oil is pumped into a LACT unit for Federal Measurement Point/Sales/Royalty Payment.

Flash gas from oil conditioning is recovered using compression (VRU). The recovered gas flows through a designated orifice meter for rate allocation.

3-Phase water flows through an independent and designated magnetic meter for rate allocation. The water then flows into a manifold where it is combined with water from other 3-Phases. The combined stream flows into the Gun Barrel(s) for further conditioning and then into one of the water tanks for storage.

The central tank battery has three oil tanks and three water tanks that all wells utilize. All wells have one common gas delivery point(s) on location and one common oil delivery point(s) (LACT) on or directly adjacent to location.

Secondary recovery will utilize recycled or buyback gas for gas lift. The gas is compressed and flows through an individual orifice meter to each wellhead.

Well Name	Individual Meters		
	Gas Allocation	Oil Allocation	Water Allocation
FULLY LOADED 12-1 FED COM 332H	DVN / *	DVN / *	DVN / *
FULLY LOADED 12-1 FED COM 621H	DVN / *	DVN / *	DVN / *
FULLY LOADED 12-1 FED COM 622H	DVN / *	DVN / *	DVN / *
FULLY LOADED 12-13 FED COM 331H	DVN / *	DVN / *	DVN / *
FULLY LOADED 12-13 FED COM 621H	DVN / *	DVN / *	DVN / *
FULLY LOADED 12-13 FED COM 622H	DVN / *	DVN / *	DVN / *
<b>Common Meters</b>			
<b>VRU Allocation</b>	DVN / *		
<b>Gas FMP</b>	DCP/* LUCID/*		
<b>Oil FMP</b>	ENLINK / *		

Meter Owner / Serial Number:

\* Meter serial numbers to be provided after construction of facility.

The flow of produced fluids is described above and shown in detail on the enclosed facility diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter.

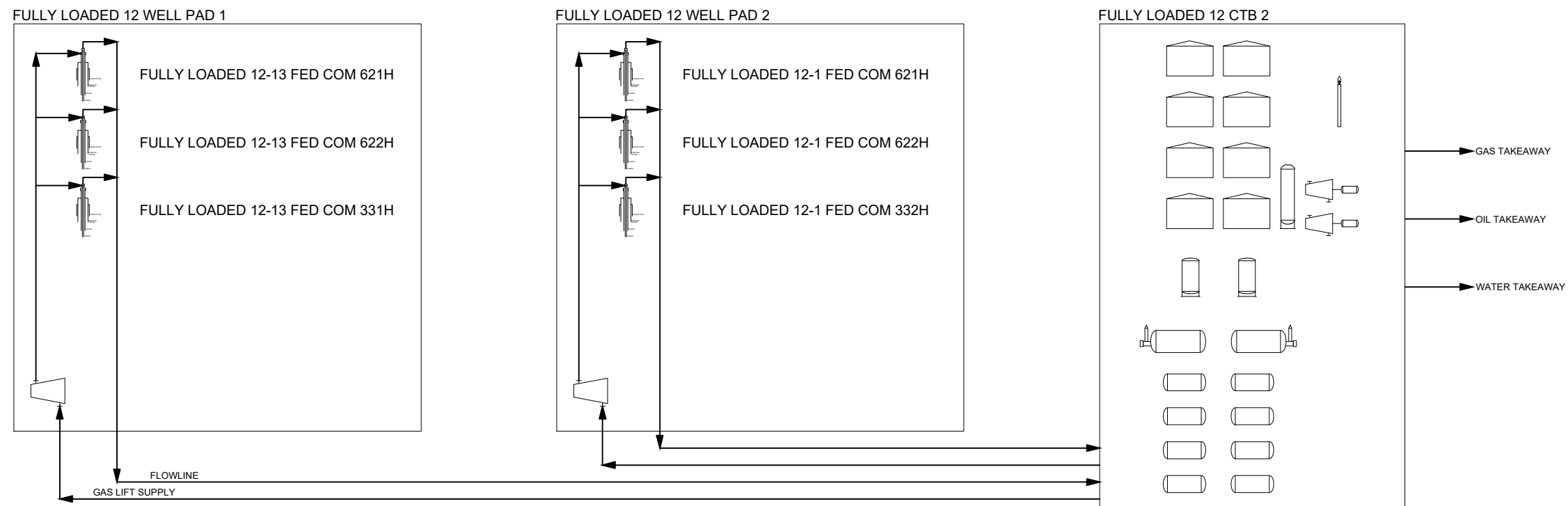
The proposed commingling is appropriate based on the BLM's guidance in IM NMPO 2013-02 & 43 CFR 3173.14. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached). NMOCD Notice Variance Requested: Devon Energy Production Company, LP request approval to add new leases and pools and/or new wells producing from the authorized leases and pools. Devon Energy Production Company, LP request approval to only notice the interest owners of new leases and pools to be added via amendment (reference rule 19.15.12.10(C)(4)(g) NMAC)



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WUSA CORPORATION/DAI/ENG/TECHNOLOGY/DRAFT/ING/0002 ART/ESIA NHI



**NOTES:**

1. EQUIPMENT AND LAYOUT CONFIGURATIONS ARE ONLY REPRESENTATIVE
2. MEASUREMENT POINTS SHOWN IN PROCESS FLOW DIAGRAM

[illegible]

# Economic Justification Report

## FULLY LOADED 12 CTB 2

Well Name & Number	Type	Fed Lease 1	Royalty Rate	Fed Lease 2 (if applicable)	Royalty Rate	Fed Lease 3	Royalty Rate	BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
FULLY LOADED 12-1 FED COM 622H	Sweet	NMNM105213-12.5%		NMNM102912-12.5%	-			1685	45.9	3428	1464
FULLY LOADED 12-1 FED COM 332H	Sweet	NMNM105213-12.5%		NMNM102912-12.5%	-			1073	45.9	2349	1464
FULLY LOADED 12-1 FED COM 621H	Sweet	NMNM105213-12.5%		NMNM102912-12.5%	-			1685	45.9	3428	1464
FULLY LOADED 12-13 FED COM 622H	Sweet	NMNM105213-12.5%		NMNM088136-12.5%	-			1685	45.9	3428	1464
FULLY LOADED 12-13 FED COM 331H	Sweet	NMNM105213-12.5%		NMNM088136-12.5%	-			1073	45.9	2349	1464
FULLY LOADED 12-13 FED COM 621H	Sweet	NMNM105213-12.5%		NMNM088136-12.5%	-			1685	45.9	3428	1464

Signed: \_\_\_\_\_



Date: 6/24/2021

Printed Name: Jenny Harms

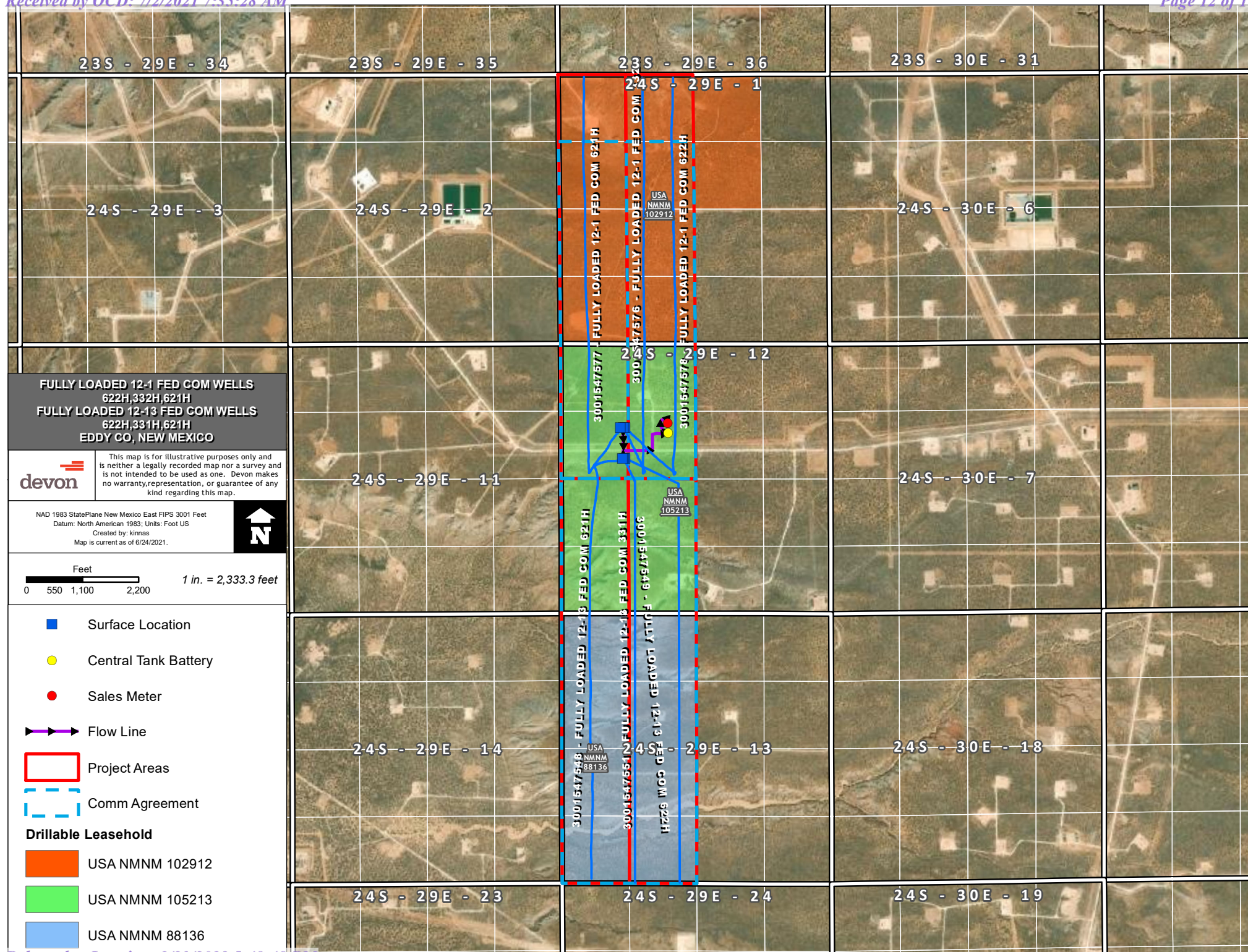
Title: Regulatory Compliance Specialist

**Economic Combined Production**

BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
8886.0	40.4	18410.0	1464.0

There are no material quality differences in oil production from the wells in this application, therefore there will be no impact on the royalty value from an oil marketing perspective.







Tracking No.	TRACKING STATUS	Recipient		Address	City	State		Zip
9405509898642721561423	Delivered	ALLAR DEVELOPMENT LLC		PO BOX 1567	GRAHAM	TX	US	76450-7567
9405509898642078099945	In Transit, Arriving Late	CONERSTONE FAMILY TRUST	JOHN KYLE THOMAS SUCC TTEE	PO BOX 558	PEYTON	CO	US	80831
9405509898642078101747	Delivered	CROWNROCK MINERALS LP		PO BOX 51933	MIDLAND	TX	US	79710
9405509898642721563496	Delivered	NESTEGG ENERGY CORP		PO BOX 210	ARTESIA	NM	US	88211
9405509898642078103345	Delivered	TWIN MONTANA INC		PO BOX 1210	GRAHAM	TX	US	76450
9405509898642078104038	Delivered	HH&P ENERGY LLC		PO BOX 687	GRAHAM	TX	US	76450
9405509898642721558126	Delivered	TALUS INC		PO BOX 1210	GRAHAM	TX	US	76450
9405509898642078097347	Delivered	ONRR ROYALTY MANAGEMENT PROGRAM	ONRR NMNM 102912	PO BOX 25627	DENVER	CO	US	80225
9405509898642721560273	Delivered	ONRR ROYALTY MANAGEMENT PROGRAM	ONRR NMNM 105213	PO BOX 25627	DENVER	CO	US	80225

Well Name	Well Number	US Well Number	Lease Number	Case Number	Operator
FULLY LOADED	332H	300154757600X1	NMNM105213	NMNM105213	DEVON
FULLY LOADED	621H	300154757700X1	NMNM105213	NMNM105213	DEVON
FULLY LOADED	331H	300154755100X1	NMNM105213	NMNM105213	DEVON
FULLY LOADED	622H	300154757800X1	NMNM105213	NMNM105213	DEVON
FULLY LOADED	622H	300154754900X1	NMNM105213	NMNM105213	DEVON
FULLY LOADED	621H	300154754800X1	NMNM105213	NMNM105213	DEVON

Notice of Intent

Sundry ID: 2505044

Type of Submission: Notice of Intent

Date Sundry Submitted: 06/24/2021

Date proposed operation will begin: 06/23/2021

Type of Action: Commingling (Surface) and Off-Lease Measurement

Time Sundry Submitted: 01:01

**Procedure Description:** APPLICATION FOR CENTRAL TANK BATTERY\OFF LEASE MEASUREMENT, SALES, & STORAGE- 43 CFR 3173.14 (a)(1)(i-iv) (1) The proposed commingling includes production from more than one: (i) Federal lease, unit PA, or CA, where each lease, unit PA, or CA proposed for commingling has 100 percent Federal mineral interest, the same fixed royalty rate and, and the same revenue distribution; Proposal for FULLY LOADED 12 CTB 2. Devon Energy Production Company, LP is requesting approval for a Lease/Pool Commingle and Off- Lease Measurement for the subject wells.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

DBBU\_Commingling\_Narative\_\_FULLY\_LOADED\_12\_CTB\_2\_20210624130032.pdf

Conditions of Approval

Specialist Review

Surface\_Commingling\_COA\_20210827125315.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: JENNY HARMS

Signed on: JUN 24, 2021 12:53 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Compliance Professional

Street Address: 333 West Sheridan Avenue

City: Oklahoma CityState: OK

Phone: (405) 552-6560

Email address: jennifer.harms@dvn.com

Field Representative

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 08/27/2021

Signature: Jonathon Shepard

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**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**

<sup>1</sup> API Number <b>3001547576</b>	<sup>2</sup> Pool Code <b>96473</b>	<sup>3</sup> Pool Name <b>PIERCE CROSSING BONE SPRING EAST</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>FULLY LOADED 12-1 FED COM</b>	<sup>6</sup> Well Number <b>332H</b>
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>9</sup> Elevation <b>3100.6'</b>

**<sup>10</sup>Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		1656	NORTH	1243	WEST	EDDY

**<sup>11</sup>Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	1	24-S	29-E		20	NORTH	1650	WEST	EDDY

<sup>12</sup> Dedicated Acres 479.33	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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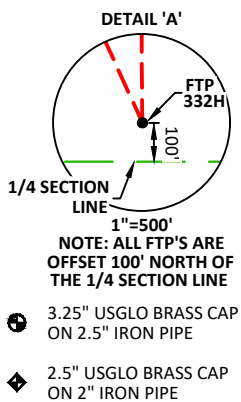
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

**<sup>16</sup> FULLY LOADED  
12-1 FED COM 332H**  
ELEV: 3100.6'  
LAT: 32.234873°  
LON: -103.942597°  
N: 449400.07  
E: 662151.73

**FIRST TAKE POINT**  
LAT: 32.232402°  
LON: -103.941279°  
N: 448502.85  
E: 662562.55

**LAST TAKE POINT**  
LAT: 32.253685°  
LON: -103.941395°  
N: 456245.10  
E: 662498.50

**BOTTOM HOLE LOCATION**  
LAT: 32.253905°  
LON: -103.941396°  
N: 456325.08  
E: 662497.81



**NOTES:**

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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, 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 1.000221019
3. ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 12B.

**<sup>17</sup>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 owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Jenny Harms* 7-2-2021  
Signature Date

JENNY HARMS

Printed Name

JENNY.HARMS@DVN.COM

E-mail Address

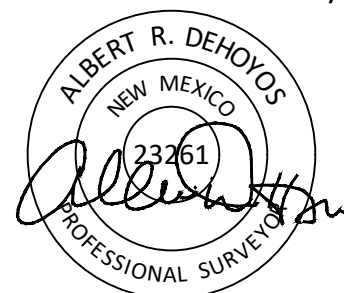
**<sup>18</sup>SURVEYOR CERTIFICATION**

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.

10/19/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261

Albert Dehoyos

Drawn by: JSP

Checked by: ARD

Date: 10/16/2020

Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-1 FED COM	Well Number 332H

## Kick Off Point (KOP)

UL	Section 12	Township 24S	Range 29E	Lot	Feet 2605 FNL	From N/S	Feet 1650 FWL	From E/W	County EDDY
Latitude 32.23216201					Longitude -103.94127890				NAD 83

## First Take Point (FTP)

UL F	Section 12	Township 24-S	Range 29-E	Lot	Feet 2552	From N/S NORTH	Feet 1650	From E/W WEST	County EDDY
Latitude 32.232402°					Longitude -103.941279°				NAD 83

## Last Take Point (LTP)

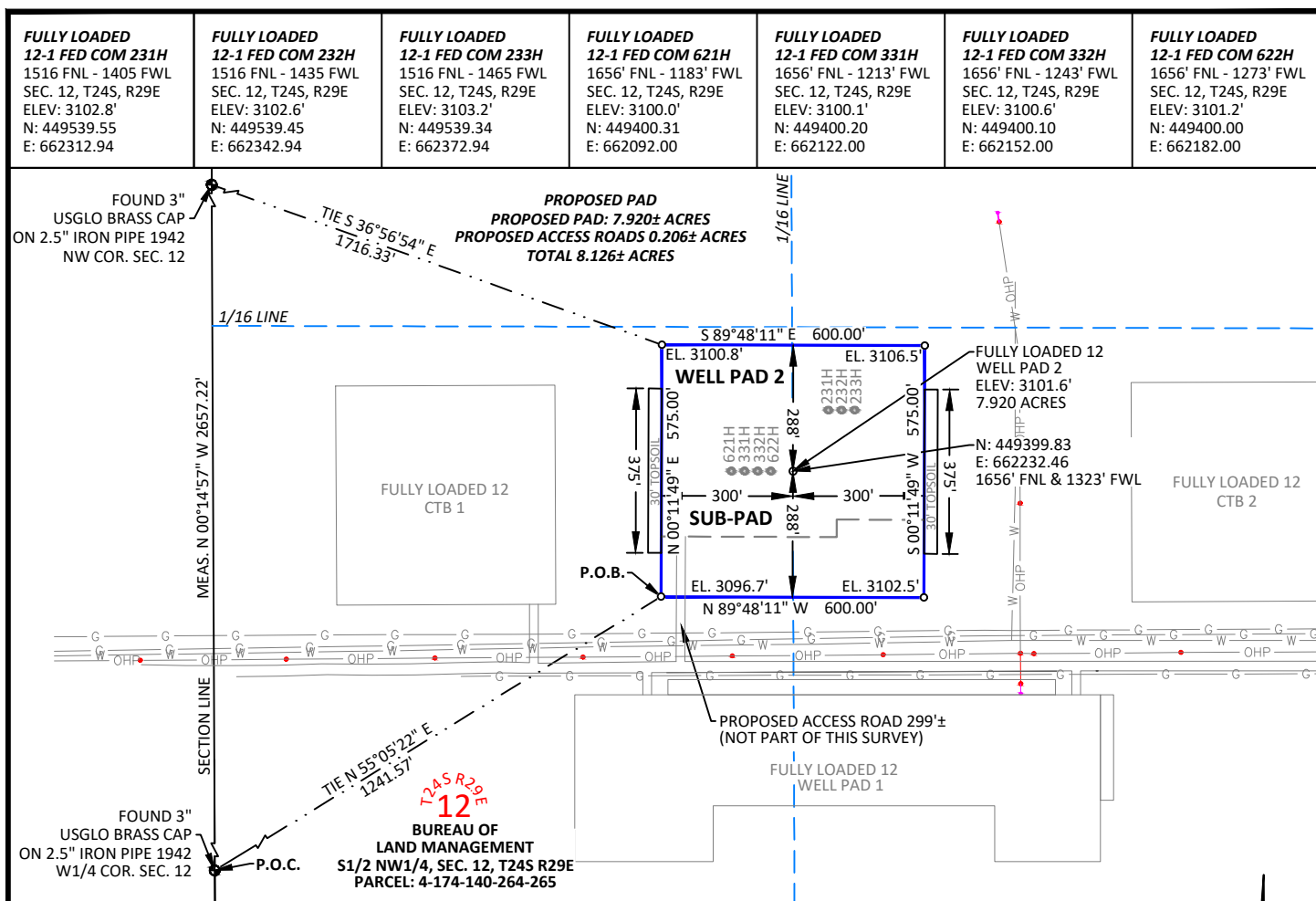
UL 3	Section 1	Township 24-S	Range 29-E	Lot	Feet 100	From N/S NORTH	Feet 1650	From E/W WEST	County EDDY
Latitude 32.253685°					Longitude -103.941395°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒ YESIs this well an infill well? ☐ NO

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

**LEGAL DESCRIPTION:**

A Surface Site Easement locate in the South Half (S1/2) of the Northwest Quarter (NW1/4) of Section 12, Township 24 South, Range 29 East, of the New Mexico Principal Meridian, Eddy county, State of New Mexico.

Commencing at the West Quarter corner of said Section 12 (P.O.C.) (Found 3" USGLO Brass Cap on a 2.5" Iron Pipe); thence, North 55°05'22" East a distance of 1241.57 feet to the (P.O.B.) Point Of Beginning;

thence, North 00°11'49" East a distance of 575.00 feet to a point, said point being located South 36°56'54" East a distance of 1716.33 feet from the Northwest corner of said section 12 (Found 3" USGLO Brass Cap on a 2.5" Iron Pipe);

thence, South 89°48'11" East a distance of 600.00 feet;

thence, South 00°11'49" West a distance of 575.00 feet;

thence, North 89°48'11" West a distance of 600.00 feet to the (P.O.B.) Point of Beginning.

Said Surface Site Easement containing 7.920 Acres more or less.

**DIRECTIONS:**

FROM THE INTERSECTION OF MCDONALD ROAD AND GAVILAN ROAD PROCEED IN A NORTHEASTERLY DIRECTION ALONG GAVILAN ROAD A DISTANCE OF 3.6± MILES TO THE INTERSECTION OF GAVILAN ROAD AND A UNNAMED ACCESS ROAD TO THE WEST. MAKING A LEFT HAND TURN PROCEED IN A WESTERLY DIRECTION ALONG UNNAMED ACCESS ROAD A DISTANCE OF 1.7± MILES TO THE INTERSECTION OF UNNAMED ACCESS ROAD AND THE WELL PAD 2 ACCESS ROAD TO THE NORTH. MAKING A RIGHT HAND TURN PROCEED NORTH TO FULLY LOADED 12 WELL PAD 2.

**NOTES:**

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: 457834.965, EAST: 670241.029, ELEVATION: 3198.33, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
2. DISTANCES DEPICTED HEREON ARE REPORTED AS GRID DISTANCES IN US SURVEY FEET. USE A COMBINED SCALE FACTOR OF 1.000221019 FOR GROUND DISTANCES.

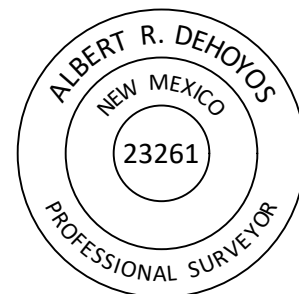
**SURVEYOR STATEMENT:**

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS EASEMENT PLAT WAS DERIVED FROM FIELD NOTES OR ELECTRONIC DATA OF AN ON-THE-GROUND SURVEY MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NO WARRANTY IS MADE OR INTENDED FOR THE LOCATION OF ANY OR ALL EASEMENTS THAT MAY EXIST WITHIN THE BOUNDS OF THIS SURVEY. THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. IF ANY ALTERATIONS ARE MADE (HAND DRAWN, HANDWRITTEN OR DIGITAL ADDITIONS), THIS SURVEYOR IS NO LONGER RESPONSIBLE FOR THE VALIDITY OF THIS PLAT.

*Albert R. Dehoyos*

ALBERT R. DEHOYOS NEW MEXICO PS No. 23261 DATE 07/30/2020

200 100 100  
SCALE: 1" = 400'



DRAWN BY: KGH CHECKED BY: ARD  
DATE: 06/04/2020 JOB NO: 18080  
REVISIONS: (7/20/2020 KGH) NEW BLM REQUIREMENTS  
(10/16/2020 JEB) WELL LOCATIONS

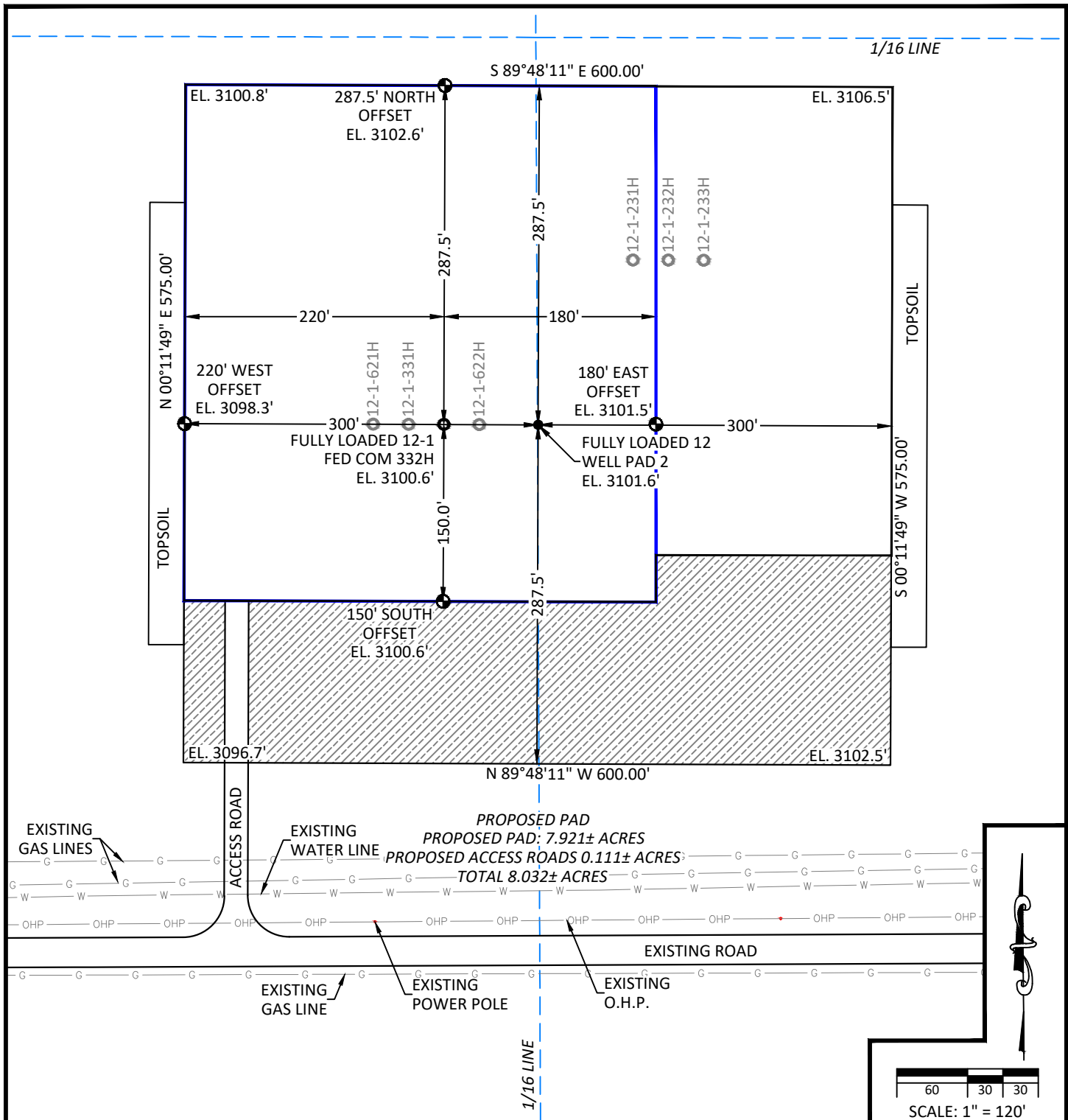
## DEVON ENERGY PRODUCTION, L.P.

### FULLY LOADED 12 WELL PAD 2

SURFACE SITE EASEMENT  
ON THE PROPERTY OF  
BUREAU OF LAND MANAGEMENT  
S1/2 NW1/4, SECTION 12,  
TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID: AA000400653

**DIRECTIONS:**

FROM THE INTERSECTION OF MCDONALDS ROAD AND GAVILAN ROAD PROCEED IN A NORTHEASTERLY DIRECTION ALONG GAVILAN ROAD A DISTANCE OF 3.6± MILES TO THE INTERSECTION OF GAVILAN ROAD AND A LEASE ROAD TO THE WEST. MAKING A LEFT HAND TURN PROCEED IN A WESTERLY DIRECTION ALONG LEASE ROAD A DISTANCE OF 1.7± MILES TO THE INTERSECTION OF LEASE ROAD AND THE FULLY LOADED 12 WELL PAD 2 ACCESS ROAD TO THE NORTH. MAKING A RIGHT HAND TURN PROCEED NORTHERLY FOR 161± FEET TO FULLY LOADED 12 WELL PAD 2.

**NOTES:**

1. BASIS OF BEARINGS, COORDINATES AND DISTANCES ARE STATE PLANE GRID, NAD 83, NEW MEXICO EAST (3001) WITH A CONVERGENCE ANGLE OF 0.19373333° AND A COMBINED SCALE FACTOR OF 0.999779070 BASED ON CONTROL POINT HILLTOP AT N. 456034.443' E. 653560.641'.
2. UNITS REPRESENTED ON THIS PLAT ARE IN US SURVEY FEET.



DRAWN BY: CED  
 DATE: 05/18/2020  
 REVISIONS: (10/16/2020 JEB) MOVE SHL

CHECKED BY: ARD

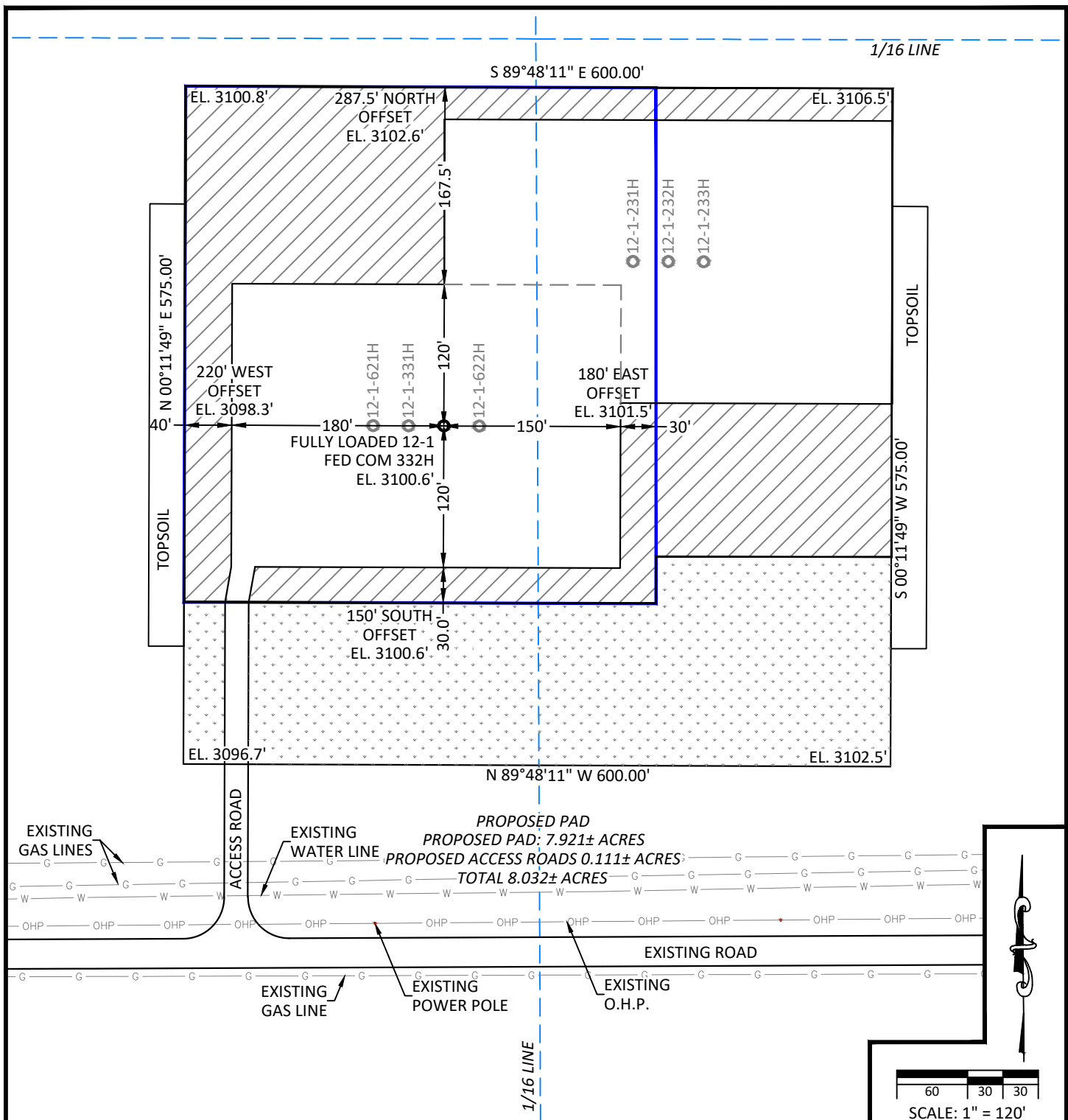
JOB NO: 18080

**SITE MAP**  
**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12-1 FED COM 332H**  
 LOCATED 1656 FEET FROM THE NORTH LINE,  
 AND 1244 FEET FROM THE WEST LINE,  
 SECTION 12, TOWNSHIP 24 SOUTH  
 RANGE 29 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO



ID NUMBER: WA017767048





DENOTES INTERIM PAD RECLAMATION AREA  
 DENOTES GRADING SITE RECLAMATION AREA

2.262 ± ACRES INTERIM PAD RECLAMATION AREA  
 2.014 ± ACRES GRADING SITE RECLAMATION AREA  
 3.645 ± ACRES NON-RECLAIMED AREA  
 7.921 ± ACRES TOTAL PAD AREA

**NOTES:**

1. BASIS OF BEARINGS, COORDINATES AND DISTANCES ARE STATE PLANE GRID, NAD 83, NEW MEXICO EAST (3001) WITH A CONVERGENCE ANGLE OF 0.19373333° AND A COMBINED SCALE FACTOR OF 0.999779070 BASED ON CONTROL POINT HILLTOP AT N. 456034.443' E. 653560.641'.

2. UNITS REPRESENTED ON THIS PLAT ARE IN US SURVEY FEET.



DRAWN BY: CED  
 DATE: 05/18/2020  
 REVISIONS: (10/16/2020 JEB) MOVE SHL

CHECKED BY: ARD  
 JOB NO: 18080

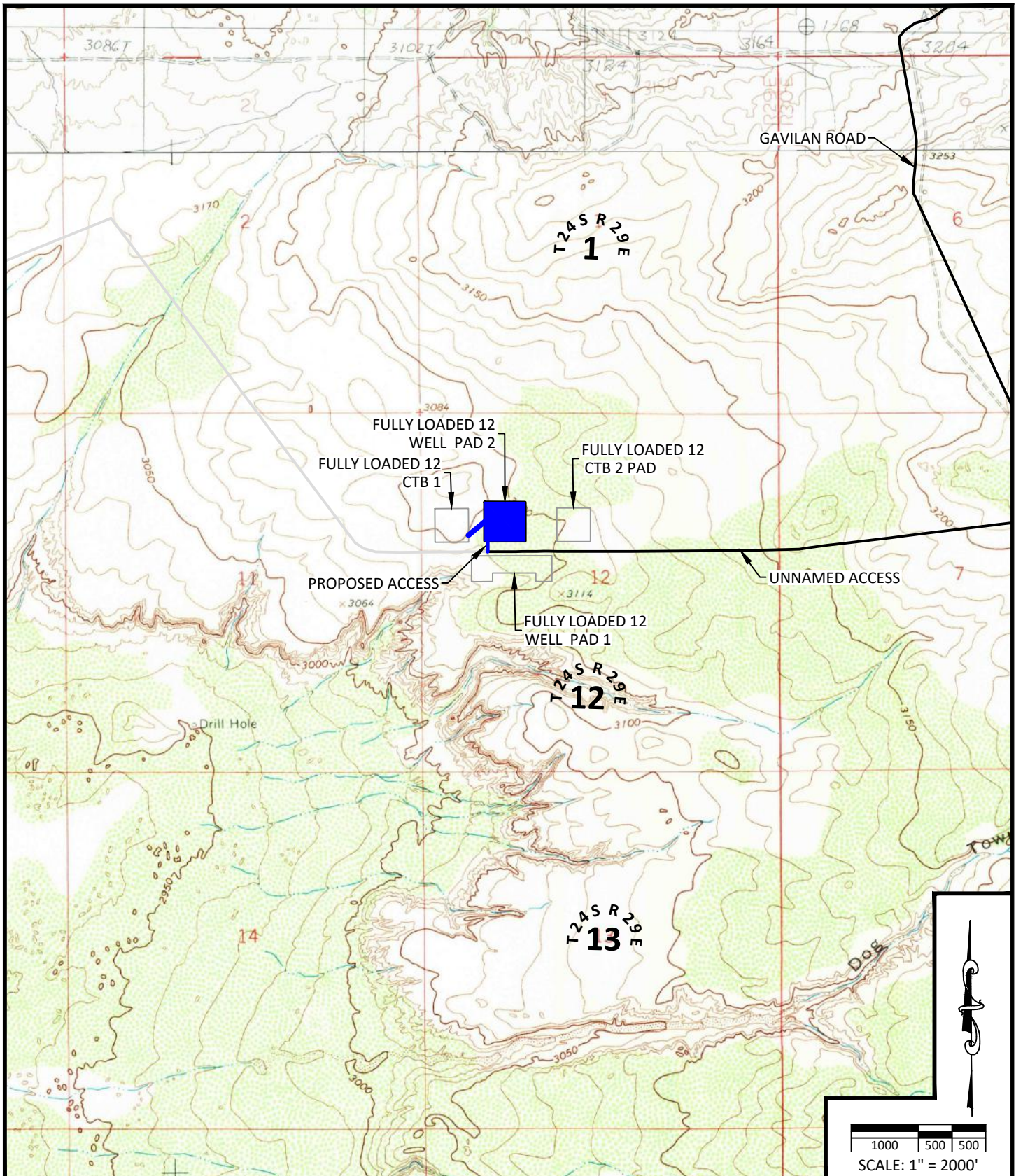
### INTERIM SITE BUILD PLAN DEVON ENERGY PRODUCTION, L.P.

**FULLY LOADED 12-1 FED COM 332H**  
 LOCATED 1656 FEET FROM THE NORTH LINE,  
 AND 1244 FEET FROM THE WEST LINE,  
 SECTION 12, TOWNSHIP 24 SOUTH  
 RANGE 29 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO



ID NUMBER: WA017767048





ENGINEERING > SURVEYING > PLANNING  
1515 9TH STREET, STE A, ROCK SPRINGS, WY 82901  
307.362.6065 | 866.938.3088 | www.whsmithpc.com

DRAWN BY: JSP	CHECKED BY: ARD
DATE: 03/21/2019	JOB NO: 18080
REVISIONS: (5/19/2020 KGH) ADDED WELL PAD 2	

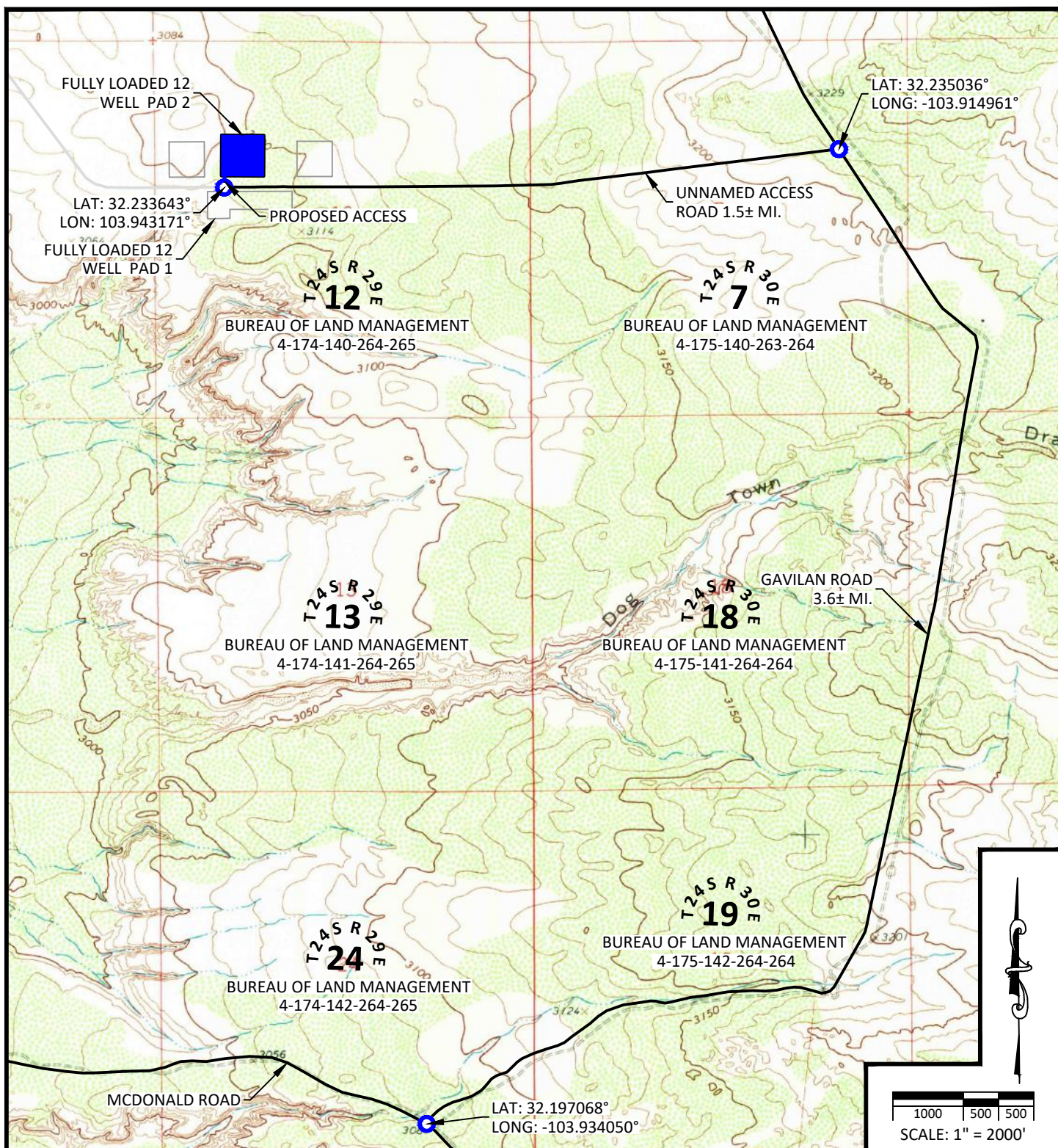
## LOCATION VERIFICATION MAP DEVON ENERGY PRODUCTION, L.P.

**FULLY LOADED 12-1 FED COM 332H**  
LOCATED 1656 FEET FROM THE NORTH LINE,  
AND 1243 FEET FROM THE WEST LINE,  
SECTION 12, TOWNSHIP 24 SOUTH  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID: WA017767048



**DIRECTIONS:**

FROM THE INTERSECTION OF MCDONALD ROAD AND GAVILAN ROAD PROCEED IN A NORTHEASTERLY DIRECTION ALONG GAVILAN ROAD A DISTANCE OF 3.6± MILES TO THE INTERSECTION OF GAVILAN ROAD AND A UNNAMED ACCESS ROAD TO THE WEST. MAKING A LEFT HAND TURN PROCEED IN A WESTERLY DIRECTION ALONG UNNAMED ACCESS ROAD A DISTANCE OF 1.7± MILES TO THE INTERSECTION OF UNNAMED ACCESS ROAD AND THE WELL PAD 2 ACCESS ROAD TO THE NORTH. MAKING A RIGHT HAND TURN PROCEED NORTH TO FULLY LOADED 12 WELL PAD 2.



DRAWN BY: JSP	CHECKED BY: ARD
DATE: 03/21/2019	JOB NO: 18080
REVISIONS: (5/19/2020 KGH) ADDED WELL PAD 2	

**VICINITY MAP**  
**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12-1 FED COM 332H**  
LOCATED 1656 FEET FROM THE NORTH LINE,  
AND 1243 FEET FROM THE WEST LINE,  
SECTION 12, TOWNSHIP 24 SOUTH  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID: WA017767048





**WHS**  
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307.362.6065 | 866.938.3088 | www.whsmithpc.com

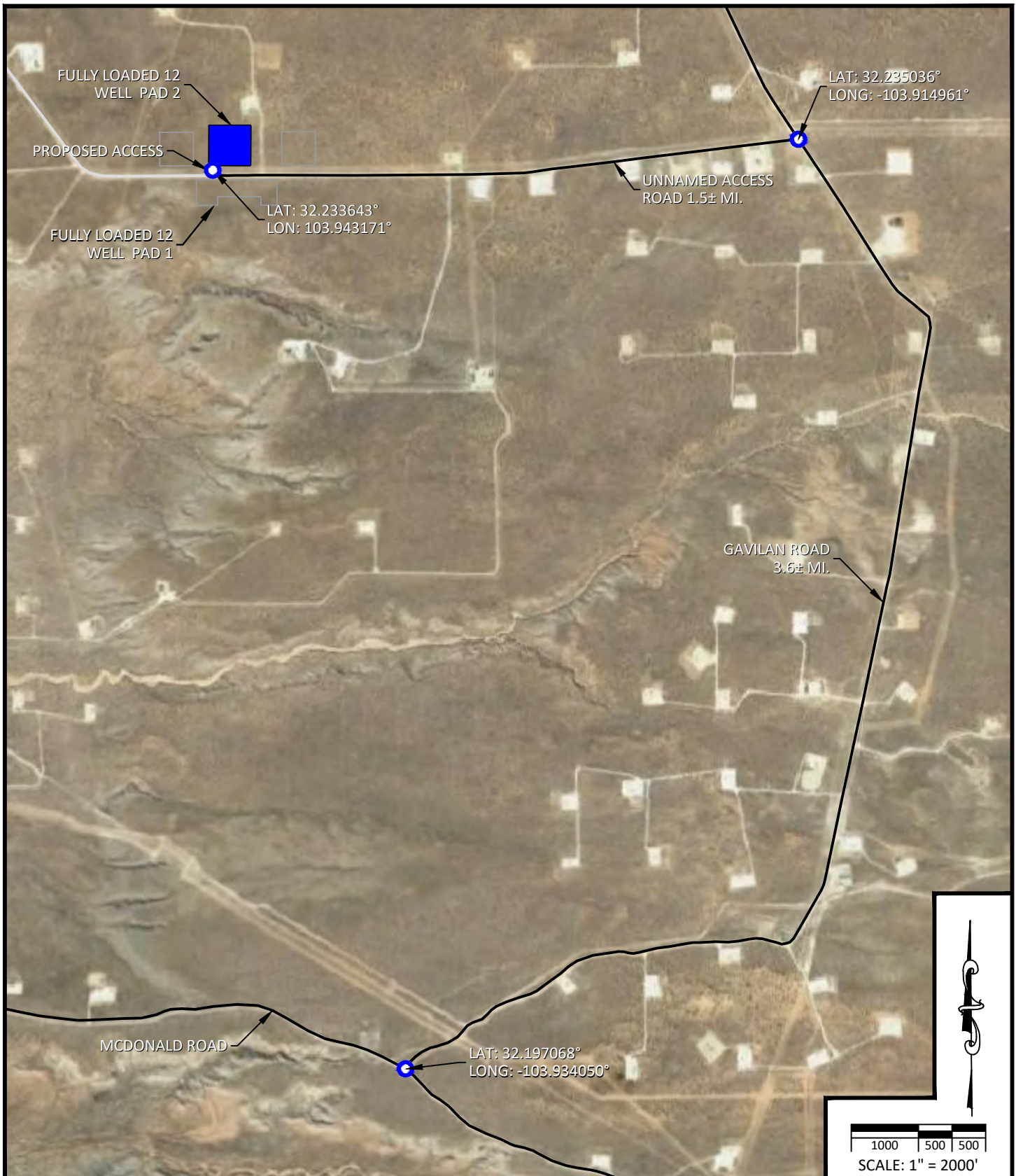
DRAWN BY: JSP	CHECKED BY: ARD
DATE: 03/21/2019	JOB NO: 18080
REVISIONS: (5/19/2020 KGH) ADDED WELL PAD 2	

**AERIAL PHOTO**  
**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12-1 FED COM 332H**  
LOCATED 1656 FEET FROM THE NORTH LINE,  
AND 1243 FEET FROM THE WEST LINE,  
SECTION 12, TOWNSHIP 24 SOUTH  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

**devon**

ID: WA017767048





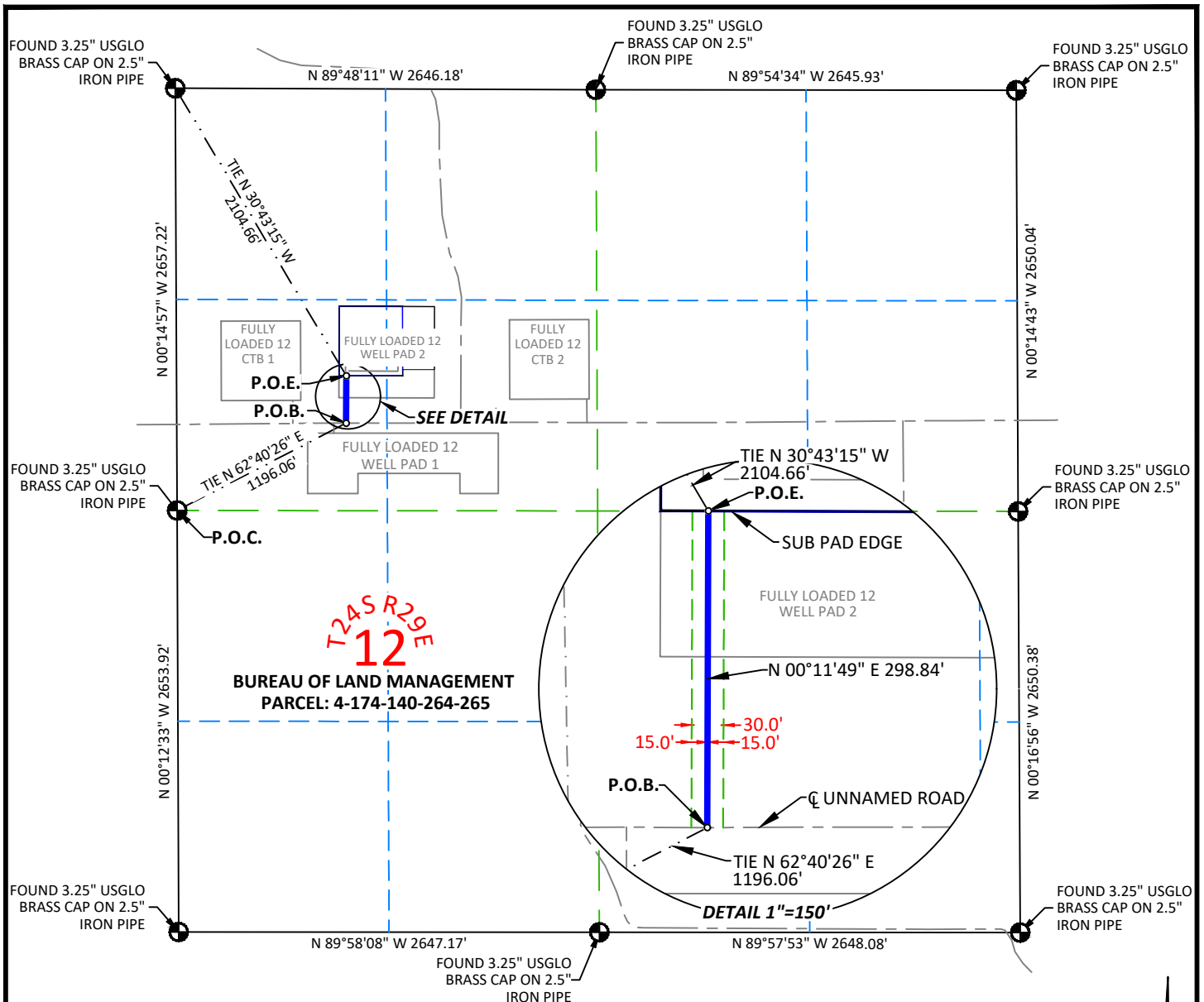
DRAWN BY: JSP	CHECKED BY: ARD
DATE: 03/21/2019	JOB NO: 18080
REVISIONS: (5/19/2020 KGH) ADDED WELL PAD 2	

### AERIAL ACCESS ROUTE MAP DEVON ENERGY PRODUCTION, L.P.

**FULLY LOADED 12-1 FED COM 332H**  
LOCATED 1656 FEET FROM THE NORTH LINE,  
AND 1243 FEET FROM THE WEST LINE,  
SECTION 12, TOWNSHIP 24 SOUTH  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID: WA017767048



I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS EASEMENT PLAT WAS DERIVED FROM FIELD NOTES OR ELECTRONIC DATA OF AN ON-THE-GROUND SURVEY MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NO WARRANTY IS MADE OR INTENDED FOR THE LOCATION OF ANY OR ALL EASEMENTS THAT MAY EXIST WITHIN THE BOUNDS OF THIS SURVEY. THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. IF ANY ALTERATIONS ARE MADE (HAND DRAWN, HANDWRITTEN OR DIGITAL ADDITIONS), THIS SURVEYOR IS NO LONGER RESPONSIBLE FOR THE VALIDITY OF THIS PLAT.

*Albert R. DeHoyos* 07/30/2020  
 ALBERT R. DEHOYOS NEW MEXICO PS No. 23261 DATE

**30' EASEMENT AREA = 0.206 ACRES  
 298.84 FEET OR 18.11 RODS**

**0+00.00 P.O.B. - CL UNNAMED ROAD  
 2+98.84 P.O.E. - FULLY LOADED 12 WELL PAD 2  
 SUB-PAD EDGE**

P.O.C. = POINT OF COMMENCEMENT  
 P.O.B. = POINT OF BEGINNING  
 P.O.E. = POINT OF ENDING

500 250 250  
 SCALE: 1" = 1000'

#### NOTES:

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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
2. DISTANCES DEPICTED HEREON ARE REPORTED AS GRID DISTANCES IN US SURVEY FEET. USE A COMBINED SCALE FACTOR OF 1.000221019 FOR GROUND DISTANCES.



DRAWN BY: CED	CHECKED BY: ARD
DATE: 05/19/2020	JOB NO: 18080
REVISIONS: (5/20/2020 JEB) EXTEND TO INTERIM PAD (7/20/2020 KGH) TRIM AT SUB-PAD PAD	

**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12**  
**WELL PAD 2 ACCESS EASEMENT**  
 PROPOSED 30' EASEMENT ON THE PROPERTY OF  
**BUREAU OF LAND MANAGEMENT**  
 SW1/4 NW1/4, SECTION 12,  
 TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO



**LEGAL DESCRIPTION**  
FOR  
**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**BUREAU OF LAND MANAGEMENT**

**PROPOSED 30' ACCESS ROAD EASEMENT:**

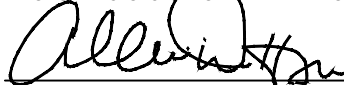
A strip of land located in the Southwest Quarter (SW1/4) of the Northwest Quarter (NW1/4) of Section 12, Township 24 South, Range 29 East, of the New Mexico Principal Meridian, Eddy county, State of New Mexico, being thirty feet (30') in width, lying fifteen feet (15') on each side of the following described centerline, being better described as follows;

Commencing at the West Quarter corner of said Section 12 (P.O.C.) (Found 3.25" USGLO Brass Cap on a 2.5" Iron Pipe); thence, North 62°40'26" East a distance of 1196.06 feet to the (P.O.B.) Point Of Beginning;

thence, North 00°11'49" East a distance of 298.84 feet to the (P.O.E.) Point of Ending, from which the Northwest corner of said Section 12 (Found 3.25" USGLO Brass Cap on a 2.5" Iron Pipe) bears North 30°43'15" West a distance of 2104.66 feet.

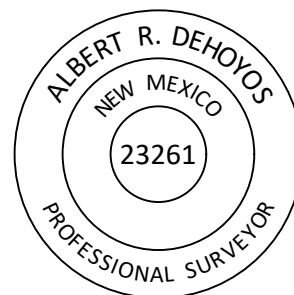
Said centerline being 298.84 feet or 18.11 rods in length and containing 0.206 Acres more or less.

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS EASEMENT PLAT WAS DERIVED FROM FIELD NOTES OR ELECTRONIC DATA OF AN ON-THE-GROUND SURVEY MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. NO WARRANTY IS MADE OR INTENDED FOR THE LOCATION OF ANY OR ALL EASEMENTS THAT MAY EXIST WITHIN THE BOUNDS OF THIS SURVEY. THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. IF ANY ALTERATIONS ARE MADE (HAND DRAWN, HANDWRITTEN OR DIGITAL ADDITIONS), THIS SURVEYOR IS NO LONGER RESPONSIBLE FOR THE VALIDITY OF THIS PLAT.



07/30/2020

ALBERT R. DEHOYOS NEW MEXICO PS No. 23261 DATE

**NOTES:**

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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
2. DISTANCES DEPICTED HEREON ARE REPORTED AS GRID DISTANCES IN US SURVEY FEET. USE A COMBINED SCALE FACTOR OF 1.000221019 FOR GROUND DISTANCES.



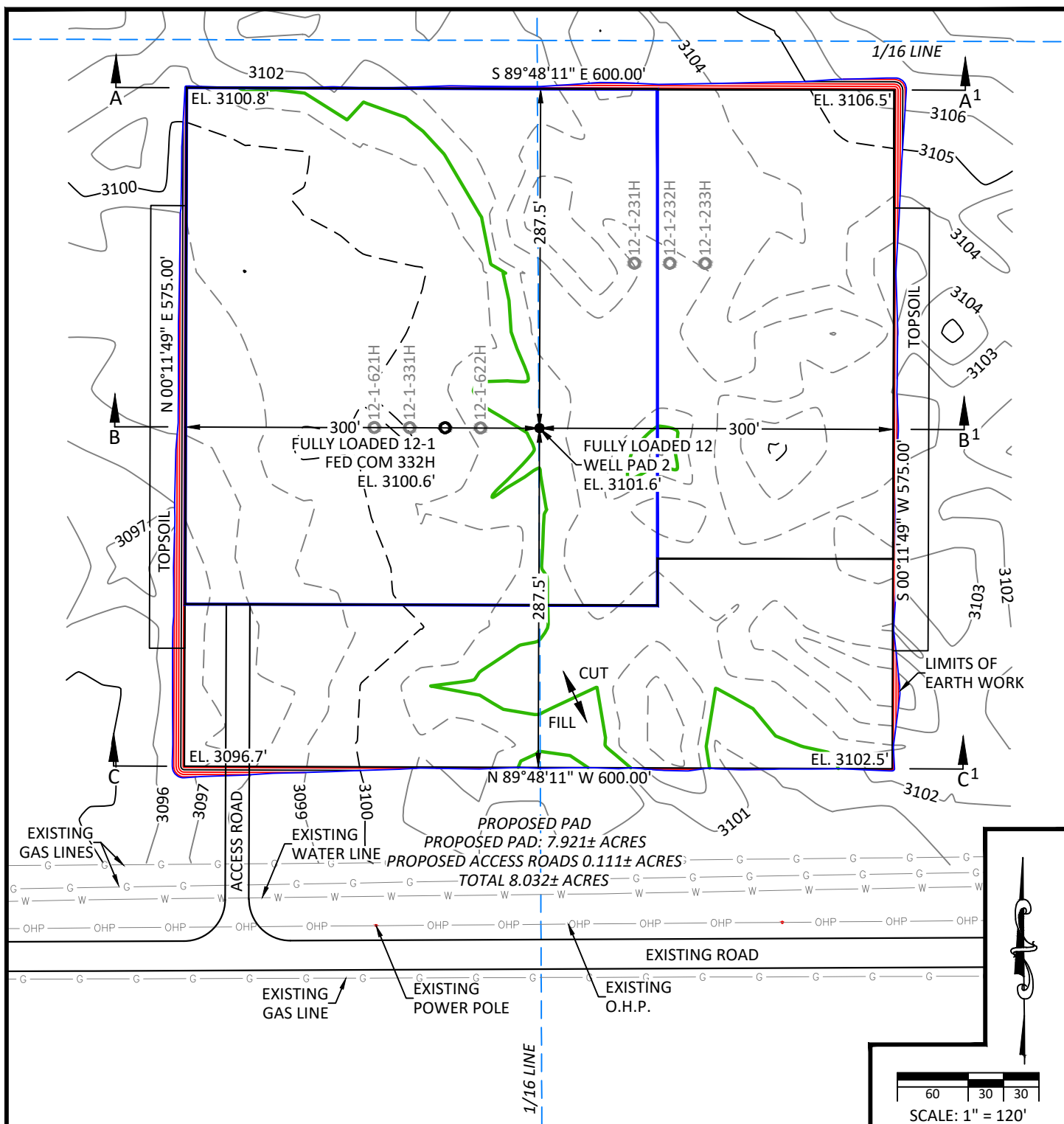
DRAWN BY: CED	CHECKED BY: ARD
DATE: 05/19/2020	JOB NO: 18080
REVISIONS: (5/20/2020 JEB) EXTEND TO INTERIM PAD (7/20/2020 KGH) TRIM AT SUB- PAD	

**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12**  
**WELL PAD 2 ACCESS EASEMENT**  
PROPOSED 30' EASEMENT ON THE PROPERTY OF  
**BUREAU OF LAND MANAGEMENT**  
SW1/4 NW1/4, SECTION 12,  
TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID NUMBER: 7690105R





#### EARTHWORK QUANTITIES FOR FULLY LOADED 12 WELL PAD 2

CUT	FILL	NET
10,181 CU. YDS.	10,181 CU. YDS.	0 CU. YDS.

EARTHWORK QUANTITIES ARE ESTIMATED

#### NOTES:

1. BASIS OF BEARINGS, COORDINATES AND DISTANCES ARE STATE PLANE GRID, NAD 83, NEW MEXICO EAST (3001) WITH A CONVERGENCE ANGLE OF 0.19373333° AND A COMBINED SCALE FACTOR OF 0.999779070 BASED ON CONTROL POINT HILLTOP AT N. 456034.443' E. 653560.641'.
2. UNITS REPRESENTED ON THIS PLAT ARE IN US SURVEY FEET.



1515 9TH STREET, STE A, ROCK SPRINGS, WY 82901  
 307.362.6065 | 866.938.3088 | www.whsmithpc.com

DRAWN BY: CED

CHECKED BY: ARD

DATE: 05/18/2020

JOB NO: 18080

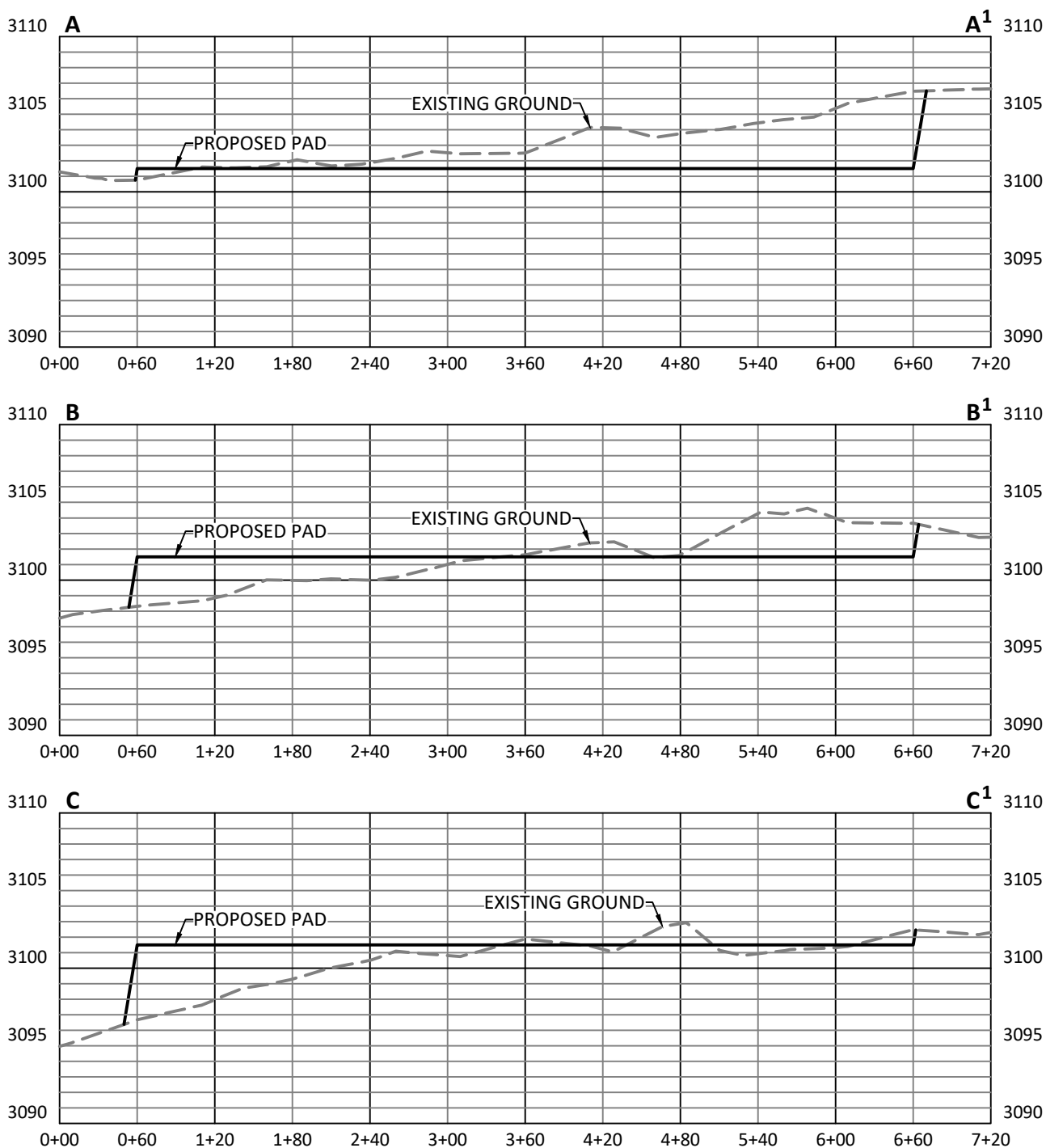
REVISIONS: (10/16/2020 JEB) MOVE SHL

#### PLAN VIEW DEVON ENERGY PRODUCTION, L.P.

**FULLY LOADED 12-1 FED COM 332H**  
 LOCATED 1656 FEET FROM THE NORTH LINE,  
 AND 1244 FEET FROM THE WEST LINE,  
 SECTION 12, TOWNSHIP 24 SOUTH  
 RANGE 29 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO



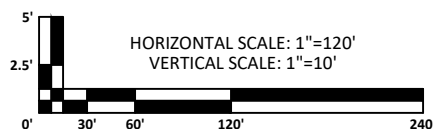
ID NUMBER: WA017767048



**EARTHWORK QUANTITIES FOR  
FULLY LOADED 12 WELL PAD 2**

CUT	FILL	NET
10,181 CU. YDS.	10,181 CU. YDS.	0 CU. YDS.

EARTHWORK QUANTITIES ARE ESTIMATED



DRAWN BY: CED  
DATE: 05/18/2020  
REVISIONS: (10/16/2020 JEB) MOVE SHL

CHECKED BY: ARD  
JOB NO: 18080

**CROSS SECTIONS**  
**DEVON ENERGY PRODUCTION, L.P.**  
**FULLY LOADED 12-1 FED COM 332H**  
LOCATED 1656 FEET FROM THE NORTH LINE,  
AND 1244 FEET FROM THE WEST LINE,  
SECTION 12, TOWNSHIP 24 SOUTH  
RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO



ID NUMBER: WA017767048



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**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**

<sup>1</sup> API Number <b>30 015 47577</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
<sup>4</sup> Property Code <b>329754</b>	<sup>5</sup> Property Name <b>FULLY LOADED 12-1 FED COM</b>	
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>6</sup> Well Number <b>621H</b>
		<sup>9</sup> Elevation <b>3100.0'</b>

**<sup>10</sup> Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		1656	NORTH	1183	WEST	EDDY

**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	1	24-S	29-E		20	NORTH	330	WEST	EDDY

<sup>12</sup> Dedicated Acres <b>479.33</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>INFILL WELL</b>
--	-------------------------------	----------------------------------	---

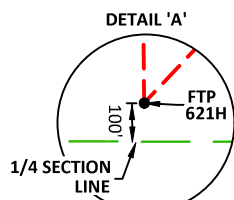
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

**<sup>16</sup> FULLY LOADED  
12-1 FED COM 621H**  
ELEV: 3100.0'  
LAT: 32.234874°  
LON: -103.942789°  
N: 449400.31  
E: 662092.46

**FIRST TAKE POINT**  
LAT: 32.232414°  
LON: -103.945547°  
N: 448502.41  
E: 661242.83

**LAST TAKE POINT**  
LAT: 32.253691°  
LON: -103.945664°  
N: 456242.42  
E: 661178.76

**BOTTOM HOLE LOCATION**  
LAT: 32.253911°  
LON: -103.945665°  
N: 456322.40  
E: 661178.07

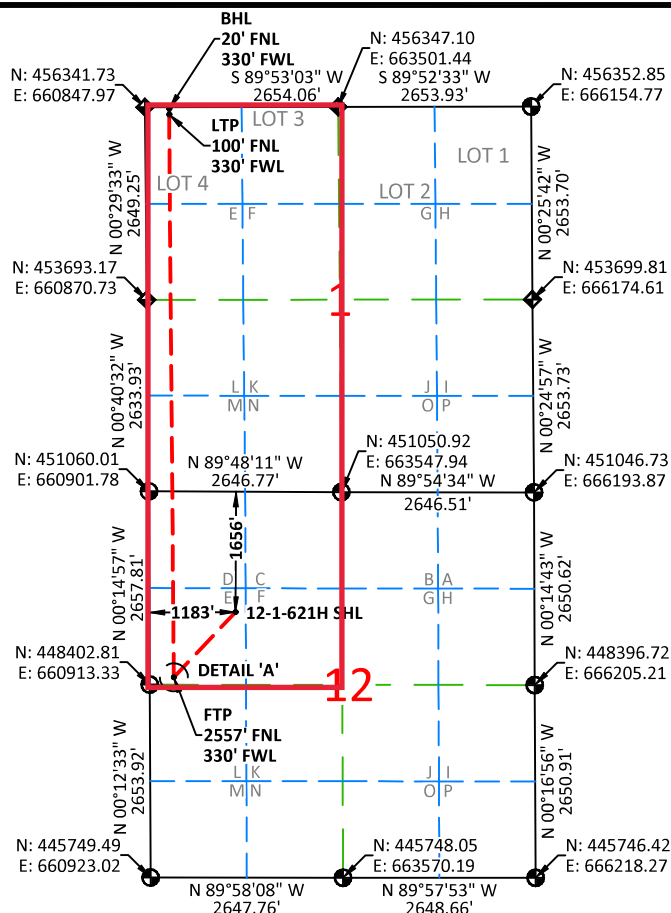


1"=500'  
NOTE: ALL FTP'S ARE  
OFFSET 100' NORTH OF  
THE 1/4 SECTION LINE

- 3.25" USGLO BRASS CAP  
ON 2.5" IRON PIPE
- 2.5" USGLO BRASS CAP  
ON 2" IRON PIPE

**NOTES:**

- 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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
- DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000221019
- ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 12B.



**<sup>17</sup> 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 owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Erin Workman* 08/06/20  
Signature Date

**Erin Workman**  
Printed Name  
**Erin.workman@dvn.com**  
E-mail Address

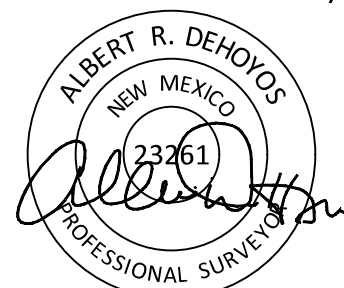
**<sup>18</sup> SURVEYOR CERTIFICATION**

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.

07/23/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos  
Drawn by: JEB Checked by: ARD Date: 07/23/2020

Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-1 FED COM	Well Number 621H

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	12	24S	29E		1856	NORTH	330	WEST	EDDY
Latitude 32.234332					Longitude -103.945356				NAD 83

## First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
E	12	24-S	29-E		2557	NORTH	330	WEST	EDDY
Latitude 32.232414°					Longitude -103.945547°				NAD 83

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
4	1	24-S	29-E		100	NORTH	330	WEST	EDDY
Latitude 32.253691°					Longitude -103.945664°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs this well an infill well? ☐ YES

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

API #		
Operator Name: Devon Energy Production CO., LP	Property Name: Fully Loaded 12-1 Fed Com	Well Number 622H

KZ 06/29/2018

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**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**

<sup>1</sup> API Number 30-015-47578	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name PURPLE SAGE; WOLFCAMP (GAS)
<sup>4</sup> Property Code	<sup>5</sup> Property Name FULLY LOADED 12-1 FED COM	<sup>6</sup> Well Number 622H
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	<sup>9</sup> Elevation 3101.2'

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		1656	NORTH	1273	WEST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	1	24-S	29-E		20	NORTH	2310	WEST	EDDY

<sup>12</sup> Dedicated Acres 479.33	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

**16 FULLY LOADED  
12-1 FED COM 622H**

ELEV: 3101.2'  
LAT: 32.234872°  
LON: -103.942500°  
N: 449399.97  
E: 662181.73

**FIRST TAKE POINT**

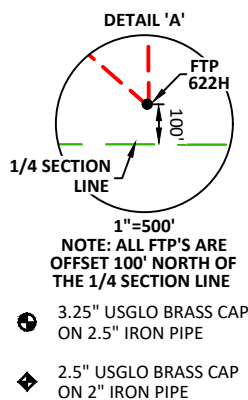
LAT: 32.232384°  
LON: -103.939145°  
N: 448498.58  
E: 663222.42

**LAST TAKE POINT**

LAT: 32.253682°  
LON: -103.939260°  
N: 456246.43  
E: 663158.36

**BOTTOM HOLE LOCATION**

LAT: 32.253902°  
LON: -103.939261°  
N: 456326.41  
E: 663157.67

**NOTES:**

- 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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
- DISTANCES DEPICTED HEREON ARE REPORTED AS GROUND DISTANCE IN US SURVEY FEET USING A COMBINED SCALE FACTOR OF 1.000221019
- 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 owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Jenny Harms* 11-4-2020  
Signature Date

JENNY HARMS

Printed Name

JENNY.HARMS@DVN.COM

E-mail Address

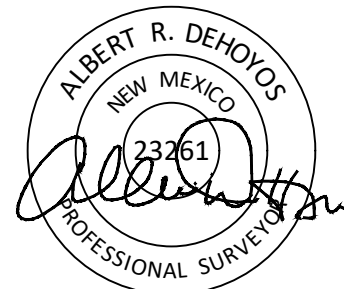
**18 SURVEYOR CERTIFICATION**

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.

10/19/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261

Albert Dehoyos

Drawn by: JSP

Checked by: ARD

Date: 10/16/2020

Intent ☒ As Drilled ☐

API # 30-015-47578		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-1 FED COM	Well Number 622H

## Kick Off Point (KOP)

UL	Section 12	Township 24S	Range 32E	Lot	Feet 2595 FNL	From N/S	Feet 2310 FWL	From E/W	County EDDY
Latitude 32.23217817					Longitude -103.93914490				NAD 83

## First Take Point (FTP)

UL F	Section 12	Township 24-S	Range 29-E	Lot	Feet 2554	From N/S NORTH	Feet 2310	From E/W WEST	County EDDY
Latitude 32.232384°					Longitude -103.939145°				NAD 83

## Last Take Point (LTP)

UL 3	Section 1	Township 24-S	Range 29-E	Lot	Feet 100	From N/S NORTH	Feet 2310	From E/W WEST	County EDDY
Latitude 32.253682°					Longitude -103.939260°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

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State of New Mexico  
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**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**

<sup>1</sup> API Number 30-015-47551	<sup>2</sup> Pool Code 96526	<sup>3</sup> Pool Name FORTY NINER RIDGE BONE SPRING
<sup>4</sup> Property Code	<sup>5</sup> Property Name FULLY LOADED 12-13 FED COM	<sup>6</sup> Well Number 331H
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	<sup>9</sup> Elevation 3093.9'

**Surface Location**

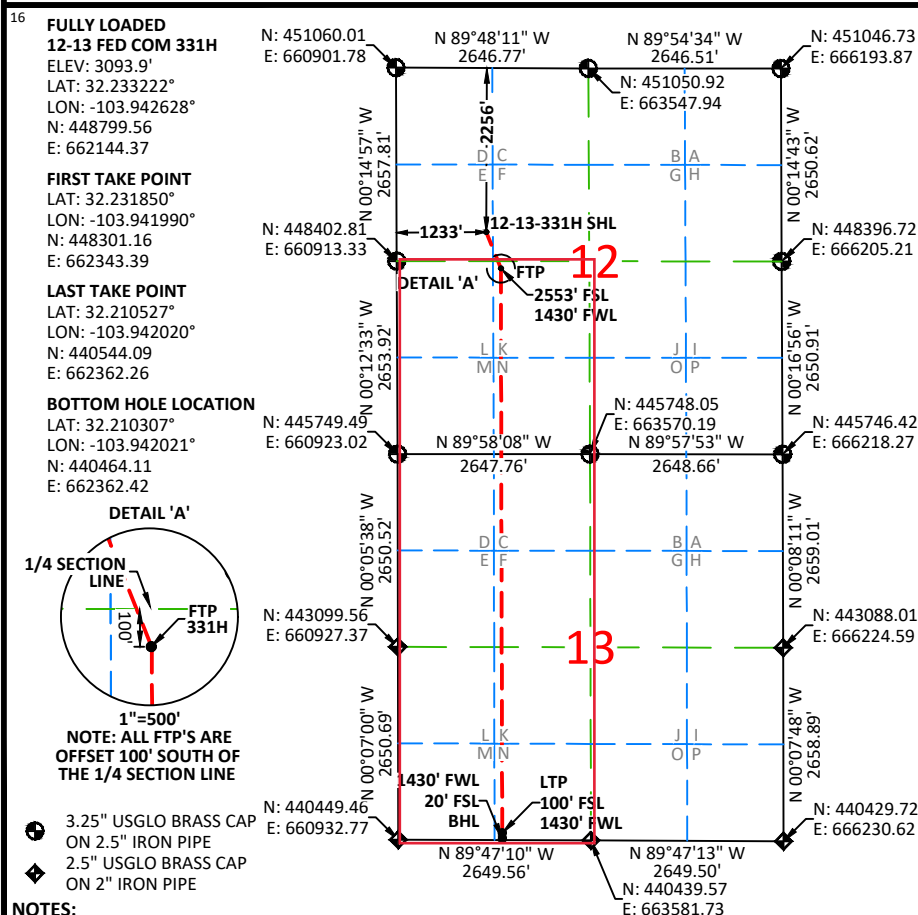
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		2256	NORTH	1233	WEST	EDDY

**Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	24-S	29-E		20	SOUTH	1430	WEST	EDDY

<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

**NOTES:**

- 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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, DETERMINED BY AN OPUS SOLUTION ON DECEMBER 3RD, 2018.
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- ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 12B.

**17 OPERATOR CERTIFICATION**

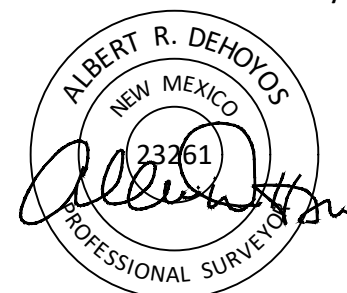
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Jenny Harms* 11-4-2020  
Signature Date  
JENNY HARMS  
Printed Name  
JENNY.HARMS@DVN.COM  
E-mail Address

**18 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.

10/19/2020  
Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos  
Drawn by: JSP Checked by: ARD Date: 10/16/2020

Intent ☒ As Drilled ☐

API # 30-015-47551		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-13 FED COM	Well Number 331H

## Kick Off Point (KOP)

UL	Section 12	Township 24S	Range 29E	Lot	Feet 2604 FSL	From N/S	Feet 1430 FWL	From E/W	County EDDY
Latitude 32.23189746					Longitude -103.94199010				NAD 83

## First Take Point (FTP)

UL K	Section 12	Township 24-S	Range 29-E	Lot	Feet 2553	From N/S SOUTH	Feet 1430	From E/W WEST	County EDDY
Latitude 32.231850°					Longitude -103.941990°				NAD 83

## Last Take Point (LTP)

UL N	Section 13	Township 24-S	Range 29-E	Lot	Feet 100	From N/S SOUTH	Feet 1430	From E/W WEST	County EDDY
Latitude 32.210527°					Longitude -103.942020°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☒Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

FULLY LOADED 12-13 FED COM 331H

**1. Geologic Formations**

TVD of target	10199	Pilot hole depth	N/A
MD at TD:	17974	Deepest expected fresh water	

**Basin**

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	358		
Salt	593		
Base of Salt	3093		
Lamar	3093		
Bell Canyon	3328		
Cherry Canyon	4188		
Brushy Canyon	5768		
1st Bone Spring Lime	7008		
1st Bone Spring Sand	8043		
Bone Spring 2nd	8718		
3rd Bone Spring Lime	9168		
Bone Spring 3rd	9963		

\*H2S, water flows, loss of circulation, abnormal pressures, etc.

FULLY LOADED 12-13 FED COM 331H

**2. Casing Program (Primary Design)**

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	STC	0	383	0	383
9 7/8	8 5/8	32	P110	TLW	0	8743	0	8743
7 7/8	5 1/2	17	P110	BTC	0	17974	0	10199

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

**3. Cementing Program (Primary Design)**

Casing	# Skis	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	316	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	450	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	450	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	88	8243	9	3.27	Lead: Class H / C + additives
	1087	9758	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%



FULLY LOADED 12-13 FED COM 331H

**4. Pressure Control Equipment (Three String Design)**

Well Pressure Control Equipment (Pilot String Design)						
BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-5/8"	5M	Annular		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Production	13-5/8"	5M	Annular (5M)		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
			Annular (5M)			
			Blind Ram			
			Pipe Ram			
			Double Ram			
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
Y	A variance is requested to run a 5 M annular on a 10M system					

FULLY LOADED 12-13 FED COM 331H

**5. Mud Program (Three String Design)**

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

**6. Logging and Testing Procedures**

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

**7. Drilling Conditions**

Condition	Specify what type and where?
BH pressure at deepest TVD	4773
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H<sub>2</sub>S) monitors will be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H <sub>2</sub> S is present
Y	H <sub>2</sub> S plan attached.

**8. Other facets of operation**

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed

## FULLY LOADED 12-13 FED COM 331H

from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
  - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.,
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
  - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

## Attachments

X Directional Plan  
           Other, describe

FULLY LOADED 12-13 FED COM 331H

**1. Geologic Formations**

TVD of target	10199	Pilot hole depth	N/A
MD at TD:	17974	Deepest expected fresh water	

**Basin**

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	358		
Salt	593		
Base of Salt	3093		
Lamar	3093		
Bell Canyon	3328		
Cherry Canyon	4188		
Brushy Canyon	5768		
1st Bone Spring Lime	7008		
1st Bone Spring Sand	8043		
Bone Spring 2nd	8718		
3rd Bone Spring Lime	9168		
Bone Spring 3rd	9963		

\*H2S, water flows, loss of circulation, abnormal pressures, etc.

FULLY LOADED 12-13 FED COM 331H

**2. Casing Program (Primary Design)**

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	STC	0	383	0	383
9 7/8	8 5/8	32	P110	TLW	0	8743	0	8743
7 7/8	5 1/2	17	P110	BTC	0	17974	0	10199

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

**3. Cementing Program (Primary Design)**

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	316	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	450	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	450	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	88	8243	9	3.27	Lead: Class H / C + additives
	1087	9758	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

FULLY LOADED 12-13 FED COM 331H

**4. Pressure Control Equipment (Three String Design)**

Well Pressure Control Equipment (Pilot String Design)						
BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-5/8"	5M	Annular		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Production	13-5/8"	5M	Annular (5M)		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
			Annular (5M)			
			Blind Ram			
			Pipe Ram			
			Double Ram			
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
Y	A variance is requested to run a 5 M annular on a 10M system					

FULLY LOADED 12-13 FED COM 331H

**5. Mud Program (Three String Design)**

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

**6. Logging and Testing Procedures**

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

**7. Drilling Conditions**

Condition	Specify what type and where?
BH pressure at deepest TVD	4773
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H<sub>2</sub>S) monitors will be installed prior to drilling out the surface shoe. If H<sub>2</sub>S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H <sub>2</sub> S is present
Y	H <sub>2</sub> S plan attached.

**8. Other facets of operation**

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed



## FULLY LOADED 12-13 FED COM 331H

from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
  - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.,
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
  - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

## Attachments

X Directional Plan  
           Other, describe

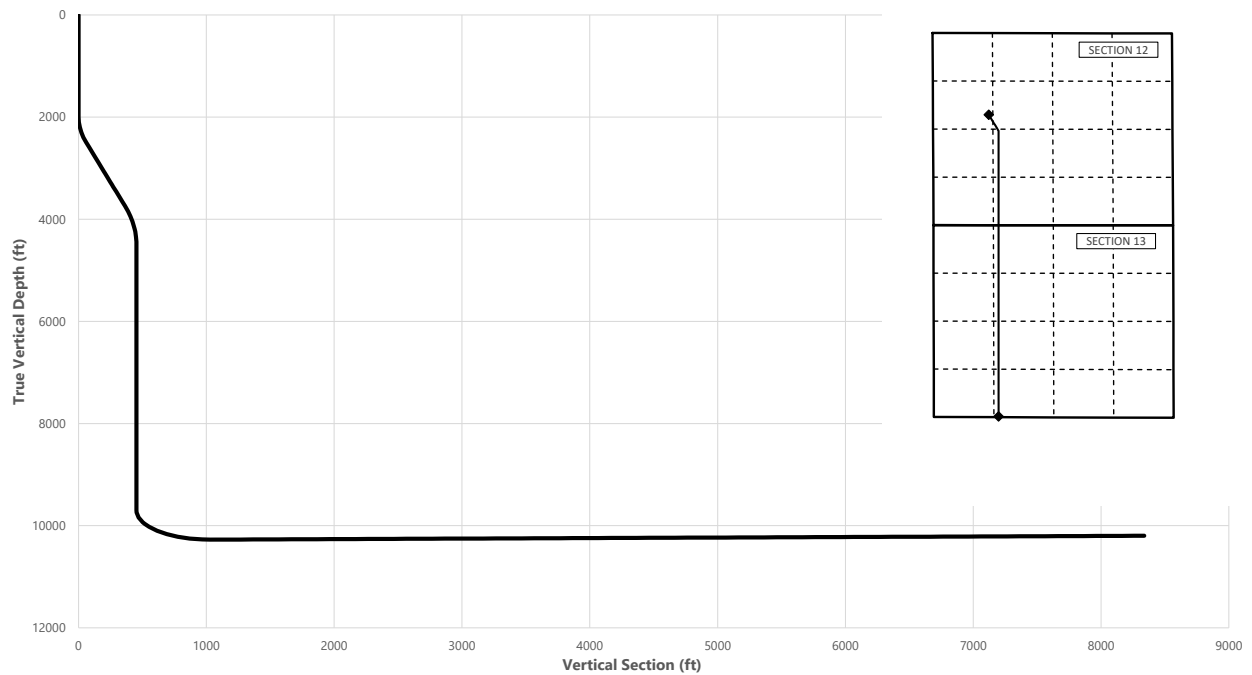
FULLY LOADED 12-13 FED COM 331H



**Well:** FULLY LOADED 12-13 FED COM 331H  
**County:** Eddy  
**Wellbore:** Permit Plan  
**Design:** Permit Plan #1

**Geodetic System:** US State Plane 1983  
**Datum:** North American Datum 1927  
**Ellipsoid:** Clarke 1866  
**Zone:** 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	154.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	15.00	154.00	2494.31	-58.49	28.53	59.22	1.00	Hold Tangent
3793.25	15.00	154.00	3743.49	-359.33	175.26	363.79	0.00	Drop to Vertical
4543.25	0.00	154.00	4484.95	-447.07	218.05	452.62	2.00	Hold Vertical
9758.37	0.00	180.00	9700.07	-447.07	218.05	452.62	0.00	KOP
10664.25	90.59	180.00	10273.00	-1025.91	218.05	1031.26	10.00	Landing Point
17974.18	90.59	180.00	10198.00	-8335.45	218.05	8338.30	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	593.00	593.00
Base of Salt	3119.81	3093.00
Lamar	3119.81	3093.00
Bell Canyon	3363.10	3328.00
Cherry Canyon	4245.76	4188.00
Brushy Canyon	5826.30	5768.00
1st Bone Spring Lime	7066.30	7008.00
1st Bone Spring Sand	8101.30	8043.00
Bone Spring 2nd	8776.30	8718.00
3rd Bone Spring Lime	9226.30	9168.00
Bone Spring 3rd / Point of Penetratic	10031.53	9963.00
EXIT	17894.18	10198.83

**SHL**  
**KOP**  
**Point of Penetration**  
**Exit**  
**BHL**

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.2331	-103.9427	2256' FNL, 1233' FWL of Sec 12 in T24S, R29E
9758.37	9700.07	32.2319	-103.9420	2604' FSL, 1430' FWL of Sec 12 in T24S, R29E
10031.53	9963.00	32.2319	-103.9420	2553' FSL, 1430' FWL of Sec 12 in T24S, R29E
17894.18	10198.83	32.2105	-103.9420	100' FSL, 1430' FWL of Sec 13 in T24S, R29E
17974.18	10198.00	32.2102	-103.9421	20' FSL, 1430' FWL of Sec 13 in T24S, R29E

FULLY LOADED 12-13 FED COM 331H



**Well:** FULLY LOADED 12-13 FED COM 331H  
**County:** Eddy  
**Wellbore:** Permit Plan  
**Design:** Permit Plan #1

**Geodetic System:** US State Plane 1983  
**Datum:** North American Datum 1927  
**Ellipsoid:** Clarke 1866  
**Zone:** 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	154.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	154.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	154.00	300.00	0.00	0.00	0.00	0.00	
358.00	0.00	154.00	358.00	0.00	0.00	0.00	0.00	Rustler
400.00	0.00	154.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	154.00	500.00	0.00	0.00	0.00	0.00	
593.00	0.00	154.00	593.00	0.00	0.00	0.00	0.00	Salt
600.00	0.00	154.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	154.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	154.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	154.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	154.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	154.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	154.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	154.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	154.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	154.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	154.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	154.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	154.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	154.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	154.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	3.00	154.00	2099.95	-2.35	1.15	2.38	3.00	
2200.00	6.00	154.00	2199.63	-9.40	4.59	9.52	3.00	
2300.00	9.00	154.00	2298.77	-21.13	10.31	21.40	3.00	
2400.00	12.00	154.00	2397.08	-37.51	18.30	37.98	3.00	
2500.00	15.00	154.00	2494.31	-58.49	28.53	59.22	1.00	Hold Tangent
2600.00	15.00	154.00	2590.90	-81.75	39.87	82.77	0.00	
2700.00	15.00	154.00	2687.49	-105.02	51.22	106.32	0.00	
2800.00	15.00	154.00	2784.09	-128.28	62.57	129.87	0.00	
2900.00	15.00	154.00	2880.68	-151.54	73.91	153.42	0.00	
3000.00	15.00	154.00	2977.27	-174.80	85.26	176.97	0.00	
3100.00	15.00	154.00	3073.86	-198.07	96.60	200.52	0.00	
3119.81	15.00	154.00	3093.00	-202.67	98.85	205.19	0.00	Base of Salt, Lamar
3200.00	15.00	154.00	3170.46	-221.33	107.95	224.08	0.00	
3300.00	15.00	154.00	3267.05	-244.59	119.30	247.63	0.00	
3363.10	15.00	154.00	3328.00	-259.27	126.45	262.49	0.00	Bell Canyon
3400.00	15.00	154.00	3363.64	-267.85	130.64	271.18	0.00	
3500.00	15.00	154.00	3460.23	-291.12	141.99	294.73	0.00	
3600.00	15.00	154.00	3556.83	-314.38	153.33	318.28	0.00	
3700.00	15.00	154.00	3653.42	-337.64	164.68	341.83	0.00	
3793.25	15.00	154.00	3743.49	-359.33	175.26	363.79	0.00	Drop to Vertical
3800.00	14.86	154.00	3750.01	-360.90	176.02	365.38	2.00	
3900.00	12.86	154.00	3847.10	-382.43	186.53	387.18	2.00	
4000.00	10.86	154.00	3944.95	-400.91	195.54	405.89	2.00	
4100.00	8.86	154.00	4043.47	-416.31	203.05	421.48	2.00	
4200.00	6.86	154.00	4142.52	-428.61	209.05	433.93	2.00	
4245.76	5.95	154.00	4188.00	-433.20	211.29	438.58	2.00	Cherry Canyon
4300.00	4.86	154.00	4242.00	-437.79	213.53	443.23	2.00	
4400.00	2.86	154.00	4341.76	-443.85	216.48	449.36	2.00	
4500.00	0.86	154.00	4441.71	-446.78	217.91	452.32	2.00	
4543.25	0.00	154.00	4484.95	-447.07	218.05	452.62	2.00	Hold Vertical
4600.00	0.00	180.00	4541.70	-447.07	218.05	452.62	0.00	
4700.00	0.00	180.00	4641.70	-447.07	218.05	452.62	0.00	
4800.00	0.00	180.00	4741.70	-447.07	218.05	452.62	0.00	
4900.00	0.00	180.00	4841.70	-447.07	218.05	452.62	0.00	
5000.00	0.00	180.00	4941.70	-447.07	218.05	452.62	0.00	
5100.00	0.00	180.00	5041.70	-447.07	218.05	452.62	0.00	
5200.00	0.00	180.00	5141.70	-447.07	218.05	452.62	0.00	
5300.00	0.00	180.00	5241.70	-447.07	218.05	452.62	0.00	
5400.00	0.00	180.00	5341.70	-447.07	218.05	452.62	0.00	
5500.00	0.00	180.00	5441.70	-447.07	218.05	452.62	0.00	
5600.00	0.00	180.00	5541.70	-447.07	218.05	452.62	0.00	
5700.00	0.00	180.00	5641.70	-447.07	218.05	452.62	0.00	
5800.00	0.00	180.00	5741.70	-447.07	218.05	452.62	0.00	
5826.30	0.00	180.00	5768.00	-447.07	218.05	452.62	0.00	Brushy Canyon
5900.00	0.00	180.00	5841.70	-447.07	218.05	452.62	0.00	
6000.00	0.00	180.00	5941.70	-447.07	218.05	452.62	0.00	
6100.00	0.00	180.00	6041.70	-447.07	218.05	452.62	0.00	

FULLY LOADED 12-13 FED COM 331H



**Well:** FULLY LOADED 12-13 FED COM 331H  
**County:** Eddy  
**Wellbore:** Permit Plan  
**Design:** Permit Plan #1

**Geodetic System:** US State Plane 1983  
**Datum:** North American Datum 1927  
**Ellipsoid:** Clarke 1866  
**Zone:** 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6200.00	0.00	180.00	6141.70	-447.07	218.05	452.62	0.00	
6300.00	0.00	180.00	6241.70	-447.07	218.05	452.62	0.00	
6400.00	0.00	180.00	6341.70	-447.07	218.05	452.62	0.00	
6500.00	0.00	180.00	6441.70	-447.07	218.05	452.62	0.00	
6600.00	0.00	180.00	6541.70	-447.07	218.05	452.62	0.00	
6700.00	0.00	180.00	6641.70	-447.07	218.05	452.62	0.00	
6800.00	0.00	180.00	6741.70	-447.07	218.05	452.62	0.00	
6900.00	0.00	180.00	6841.70	-447.07	218.05	452.62	0.00	
7000.00	0.00	180.00	6941.70	-447.07	218.05	452.62	0.00	
7066.30	0.00	180.00	7008.00	-447.07	218.05	452.62	0.00	1st Bone Spring Lime
7100.00	0.00	180.00	7041.70	-447.07	218.05	452.62	0.00	
7200.00	0.00	180.00	7141.70	-447.07	218.05	452.62	0.00	
7300.00	0.00	180.00	7241.70	-447.07	218.05	452.62	0.00	
7400.00	0.00	180.00	7341.70	-447.07	218.05	452.62	0.00	
7500.00	0.00	180.00	7441.70	-447.07	218.05	452.62	0.00	
7600.00	0.00	180.00	7541.70	-447.07	218.05	452.62	0.00	
7700.00	0.00	180.00	7641.70	-447.07	218.05	452.62	0.00	
7800.00	0.00	180.00	7741.70	-447.07	218.05	452.62	0.00	
7900.00	0.00	180.00	7841.70	-447.07	218.05	452.62	0.00	
8000.00	0.00	180.00	7941.70	-447.07	218.05	452.62	0.00	
8100.00	0.00	180.00	8041.70	-447.07	218.05	452.62	0.00	
8101.30	0.00	180.00	8043.00	-447.07	218.05	452.62	0.00	1st Bone Spring Sand
8200.00	0.00	180.00	8141.70	-447.07	218.05	452.62	0.00	
8300.00	0.00	180.00	8241.70	-447.07	218.05	452.62	0.00	
8400.00	0.00	180.00	8341.70	-447.07	218.05	452.62	0.00	
8500.00	0.00	180.00	8441.70	-447.07	218.05	452.62	0.00	
8600.00	0.00	180.00	8541.70	-447.07	218.05	452.62	0.00	
8700.00	0.00	180.00	8641.70	-447.07	218.05	452.62	0.00	
8776.30	0.00	180.00	8718.00	-447.07	218.05	452.62	0.00	Bone Spring 2nd
8800.00	0.00	180.00	8741.70	-447.07	218.05	452.62	0.00	
8900.00	0.00	180.00	8841.70	-447.07	218.05	452.62	0.00	
9000.00	0.00	180.00	8941.70	-447.07	218.05	452.62	0.00	
9100.00	0.00	180.00	9041.70	-447.07	218.05	452.62	0.00	
9200.00	0.00	180.00	9141.70	-447.07	218.05	452.62	0.00	
9226.30	0.00	180.00	9168.00	-447.07	218.05	452.62	0.00	3rd Bone Spring Lime
9300.00	0.00	180.00	9241.70	-447.07	218.05	452.62	0.00	
9400.00	0.00	180.00	9341.70	-447.07	218.05	452.62	0.00	
9500.00	0.00	180.00	9441.70	-447.07	218.05	452.62	0.00	
9600.00	0.00	180.00	9541.70	-447.07	218.05	452.62	0.00	
9700.00	0.00	180.00	9641.70	-447.07	218.05	452.62	0.00	
9758.37	0.00	180.00	9700.07	-447.07	218.05	452.62	0.00	KOP
9800.00	4.16	180.00	9741.67	-448.58	218.05	454.13	10.00	
9900.00	14.16	180.00	9840.27	-464.48	218.05	470.03	10.00	
10000.00	24.16	180.00	9934.60	-497.27	218.05	502.80	10.00	
10031.53	27.32	180.00	9963.00	-510.96	218.05	516.49	10.00	Bone Spring 3rd / Point of Penetration
10100.00	34.16	180.00	10021.82	-545.94	218.05	551.45	10.00	
10200.00	44.16	180.00	10099.25	-609.01	218.05	614.50	10.00	
10300.00	54.16	180.00	10164.56	-684.57	218.05	690.04	10.00	
10400.00	64.16	180.00	10215.76	-770.33	218.05	775.76	10.00	
10500.00	74.16	180.00	10251.28	-863.67	218.05	869.07	10.00	
10600.00	84.16	180.00	10270.06	-961.76	218.05	967.13	10.00	
10664.25	90.59	180.00	10273.00	-1025.91	218.05	1031.26	10.00	Landing Point
10700.00	90.59	180.00	10272.63	-1061.66	218.05	1067.00	0.00	
10800.00	90.59	180.00	10271.61	-1161.65	218.05	1166.96	0.00	
10900.00	90.59	180.00	10270.58	-1261.65	218.05	1266.92	0.00	
11000.00	90.59	180.00	10269.56	-1361.64	218.05	1366.88	0.00	
11100.00	90.59	180.00	10268.53	-1461.63	218.05	1466.84	0.00	
11200.00	90.59	180.00	10267.50	-1561.63	218.05	1566.80	0.00	
11300.00	90.59	180.00	10266.48	-1661.62	218.05	1666.76	0.00	
11400.00	90.59	180.00	10265.45	-1761.62	218.05	1766.72	0.00	
11500.00	90.59	180.00	10264.43	-1861.61	218.05	1866.68	0.00	
11600.00	90.59	180.00	10263.40	-1961.61	218.05	1966.64	0.00	
11700.00	90.59	180.00	10262.37	-2061.60	218.05	2066.60	0.00	
11800.00	90.59	180.00	10261.35	-2161.60	218.05	2166.56	0.00	
11900.00	90.59	180.00	10260.32	-2261.59	218.05	2266.52	0.00	
12000.00	90.59	180.00	10259.30	-2361.59	218.05	2366.48	0.00	
12100.00	90.59	180.00	10258.27	-2461.58	218.05	2466.44	0.00	
12200.00	90.59	180.00	10257.25	-2561.58	218.05	2566.40	0.00	
12300.00	90.59	180.00	10256.22	-2661.57	218.05	2666.36	0.00	
12400.00	90.59	180.00	10255.19	-2761.57	218.05	2766.32	0.00	

FULLY LOADED 12-13 FED COM 331H



**Well:** FULLY LOADED 12-13 FED COM 331H  
**County:** Eddy  
**Wellbore:** Permit Plan  
**Design:** Permit Plan #1

**Geodetic System:** US State Plane 1983  
**Datum:** North American Datum 1927  
**Ellipsoid:** Clarke 1866  
**Zone:** 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12500.00	90.59	180.00	10254.17	-2861.56	218.05	2866.29	0.00	
12600.00	90.59	180.00	10253.14	-2961.56	218.06	2966.25	0.00	
12700.00	90.59	180.00	10252.12	-3061.55	218.06	3066.21	0.00	
12800.00	90.59	180.00	10251.09	-3161.55	218.06	3166.17	0.00	
12900.00	90.59	180.00	10250.06	-3261.54	218.06	3266.13	0.00	
13000.00	90.59	180.00	10249.04	-3361.54	218.06	3366.09	0.00	
13100.00	90.59	180.00	10248.01	-3461.53	218.06	3466.05	0.00	
13200.00	90.59	180.00	10246.99	-3561.52	218.06	3566.01	0.00	
13300.00	90.59	180.00	10245.96	-3661.52	218.06	3665.97	0.00	
13400.00	90.59	180.00	10244.93	-3761.51	218.06	3765.93	0.00	
13500.00	90.59	180.00	10243.91	-3861.51	218.06	3865.89	0.00	
13600.00	90.59	180.00	10242.88	-3961.50	218.06	3965.85	0.00	
13700.00	90.59	180.00	10241.86	-4061.50	218.06	4065.81	0.00	
13800.00	90.59	180.00	10240.83	-4161.49	218.06	4165.77	0.00	
13900.00	90.59	180.00	10239.81	-4261.49	218.06	4265.73	0.00	
14000.00	90.59	180.00	10238.78	-4361.48	218.06	4365.69	0.00	
14100.00	90.59	180.00	10237.75	-4461.48	218.06	4465.65	0.00	
14200.00	90.59	180.00	10236.73	-4561.47	218.06	4565.61	0.00	
14300.00	90.59	180.00	10235.70	-4661.47	218.06	4665.57	0.00	
14400.00	90.59	180.00	10234.68	-4761.46	218.06	4765.54	0.00	
14500.00	90.59	180.00	10233.65	-4861.46	218.06	4865.50	0.00	
14600.00	90.59	180.00	10232.62	-4961.45	218.06	4965.46	0.00	
14700.00	90.59	180.00	10231.60	-5061.45	218.06	5065.42	0.00	
14800.00	90.59	180.00	10230.57	-5161.44	218.06	5165.38	0.00	
14900.00	90.59	180.00	10229.55	-5261.44	218.06	5265.34	0.00	
15000.00	90.59	180.00	10228.52	-5361.43	218.06	5365.30	0.00	
15100.00	90.59	180.00	10227.50	-5461.42	218.06	5465.26	0.00	
15200.00	90.59	180.00	10226.47	-5561.42	218.06	5565.22	0.00	
15300.00	90.59	180.00	10225.44	-5661.41	218.06	5665.18	0.00	
15400.00	90.59	180.00	10224.42	-5761.41	218.06	5765.14	0.00	
15500.00	90.59	180.00	10223.39	-5861.40	218.06	5865.10	0.00	
15600.00	90.59	180.00	10222.37	-5961.40	218.06	5965.06	0.00	
15700.00	90.59	180.00	10221.34	-6061.39	218.06	6065.02	0.00	
15800.00	90.59	180.00	10220.31	-6161.39	218.06	6164.98	0.00	
15900.00	90.59	180.00	10219.29	-6261.38	218.06	6264.94	0.00	
16000.00	90.59	180.00	10218.26	-6361.38	218.06	6364.90	0.00	
16100.00	90.59	180.00	10217.24	-6461.37	218.06	6464.86	0.00	
16200.00	90.59	180.00	10216.21	-6561.37	218.06	6564.83	0.00	
16300.00	90.59	180.00	10215.18	-6661.36	218.06	6664.79	0.00	
16400.00	90.59	180.00	10214.16	-6761.36	218.07	6764.75	0.00	
16500.00	90.59	180.00	10213.13	-6861.35	218.07	6864.71	0.00	
16600.00	90.59	180.00	10212.11	-6961.35	218.07	6964.67	0.00	
16700.00	90.59	180.00	10211.08	-7061.34	218.07	7064.63	0.00	
16800.00	90.59	180.00	10210.06	-7161.34	218.07	7164.59	0.00	
16900.00	90.59	180.00	10209.03	-7261.33	218.07	7264.55	0.00	
17000.00	90.59	180.00	10208.00	-7361.32	218.07	7364.51	0.00	
17100.00	90.59	180.00	10206.98	-7461.32	218.07	7464.47	0.00	
17200.00	90.59	180.00	10205.95	-7561.31	218.07	7564.43	0.00	
17300.00	90.59	180.00	10204.93	-7661.31	218.07	7664.39	0.00	
17400.00	90.59	180.00	10203.90	-7761.30	218.07	7764.35	0.00	
17500.00	90.59	180.00	10202.87	-7861.30	218.07	7864.31	0.00	
17600.00	90.59	180.00	10201.85	-7961.29	218.07	7964.27	0.00	
17700.00	90.59	180.00	10200.82	-8061.29	218.07	8064.23	0.00	
17800.00	90.59	180.00	10199.80	-8161.28	218.07	8164.19	0.00	
17894.18	90.59	180.00	10198.83	-8255.45	218.07	8258.33	0.00	EXIT
17900.00	90.59	180.00	10198.77	-8261.28	218.07	8264.15	0.00	
17974.18	90.59	180.00	10198.00	-8335.45	218.05	8338.30	0.00	BHL



**Well:** FULLY LOADED 12-13 FED COM 331H  
**County:** Eddy  
**Wellbore:** Permit Plan  
**Design:** Permit Plan #1

**Geodetic System:** US State Plane 1983  
**Datum:** North American Datum 1927  
**Ellipsoid:** Clarke 1866  
**Zone:** 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**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

<sup>1</sup> API Number <b>30 015 47548</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
<sup>4</sup> Property Code <b>329733</b>	<sup>5</sup> Property Name <b>FULLY LOADED 12-13 FED COM</b>	
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>6</sup> Well Number <b>621H</b>
		<sup>9</sup> Elevation <b>3093.5'</b>

#### Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		2256	NORTH	1203	WEST	EDDY

#### Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	24-S	29-E		20	SOUTH	330	WEST	EDDY

<sup>12</sup> Dedicated Acres <b>480</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>INFILL WELL</b>
---	-------------------------------	----------------------------------	---

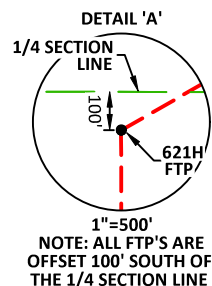
No allowable will be assigned to this completion until all interests have been consolidated  
or a non-standard unit has been approved by the division.

**16 FULLY LOADED  
12-13 FED COM 621H**  
ELEV: 3093.5'  
LAT: 32.23322°  
LON: -103.942725°  
N: 448799.56  
E: 662114.37

**FIRST TAKE POINT**  
LAT: 32.231865°  
LON: -103.945547°  
N: 448302.45  
E: 661243.62

**LAST TAKE POINT**  
LAT: 32.210549°  
LON: -103.945576°  
N: 440548.21  
E: 661262.49

**BOTTOM HOLE LOCATION**  
LAT: 32.210329°  
LON: -103.945577°  
N: 440468.23  
E: 661262.66



- NOTE: ALL FTP'S ARE  
OFFSET 100' SOUTH OF  
THE 1/4 SECTION LINE
- 3.25" USGLO BRASS CAP  
ON 2.5" IRON PIPE
- 2.5" USGLO BRASS CAP  
ON 2" IRON PIPE

#### NOTES:

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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, 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 1.000221019
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 owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Erin Workman* 08/06/20  
Signature Date

**Erin Workman**  
Printed Name

**Erin.workman@dvn.com**  
E-mail Address

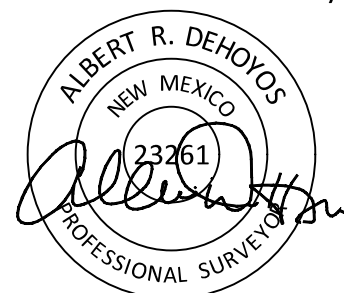
#### 18 SURVEYOR CERTIFICATION

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.

07/23/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261 Albert Dehoyos  
Drawn by: JEB Checked by: ARD Date: 07/23/2020



Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-13 FED COM	Well Number 621H

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	12	24S	29E		2258	NORTH	330	WEST	EDDY
Latitude 32.233228					Longitude -103.945548				NAD 83

## First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	12	24-S	29-E		2554	SOUTH	330	WEST	EDDY
Latitude 32.231865°					Longitude -103.945547°				NAD 83

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	13	24-S	29-E		100	SOUTH	330	WEST	EDDY
Latitude 32.210549°					Longitude -103.945576°				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ NOIs this well an infill well? ☐ YES

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

API #		
Operator Name: Devon Energy Production Company, L.P.	Property Name: Fully Loaded 12-13 Fed Com	Well Number 622H

KZ 06/29/2018

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
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Phone: (505) 334-6178 Fax: (505) 334-6170

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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**

<sup>1</sup> API Number <b>30 015 47549</b>	<sup>2</sup> Pool Code <b>98220</b>	<sup>3</sup> Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
<sup>4</sup> Property Code <b>329733</b>	<sup>5</sup> Property Name <b>FULLY LOADED 12-13 FED COM</b>	
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>6</sup> Well Number <b>622H</b>
		<sup>9</sup> Elevation <b>3094.3'</b>

**<sup>10</sup>Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	12	24-S	29-E		2256	NORTH	1263	WEST	EDDY

**<sup>11</sup>Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	13	24-S	29-E		20	SOUTH	1650	WEST	EDDY

<sup>12</sup> Dedicated Acres <b>480</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. <b>DEFINING WELL</b>
---	-------------------------------	----------------------------------	---

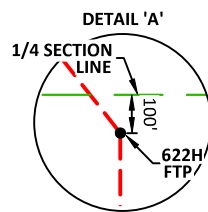
No allowable will be assigned to this completion until all interests have been consolidated  
or a non-standard unit has been approved by the division.

**<sup>16</sup> FULLY LOADED  
12-13 FED COM 622H**  
ELEV: 3094.3'  
LAT: 32.233222°  
LON: -103.942531°  
N: 448799.56  
E: 662174.37

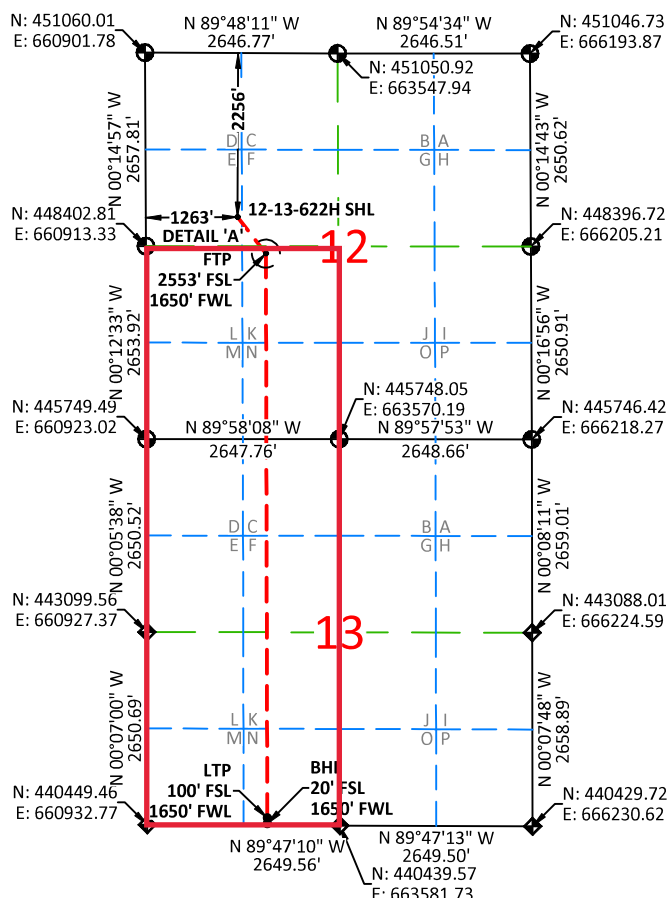
**FIRST TAKE POINT**  
LAT: 32.231847°  
LON: -103.941279°  
N: 448300.93  
E: 662563.35

**LAST TAKE POINT**  
LAT: 32.210523°  
LON: -103.941309°  
N: 440543.28  
E: 662582.21

**BOTTOM HOLE LOCATION**  
LAT: 32.210303°  
LON: -103.941310°  
N: 440463.30  
E: 662582.38



- NOTES:**
- 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: 457834.965, EAST: 670241.029, ELEVATION: 2306.69, 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 1.000221019
  - 3. ELEVATIONS ARE OF NAVD 88 COMPUTED USING GEIOD 12B.



**<sup>17</sup>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 owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Erin Workman* 08/06/20  
Signature Date

Erin Workman

Printed Name

Erin.workman@dv.com

E-mail Address

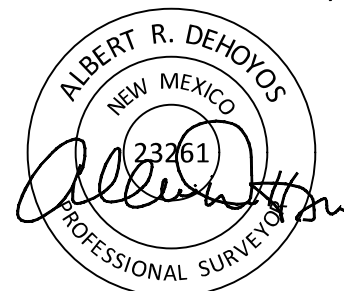
**<sup>18</sup>SURVEYOR CERTIFICATION**

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.

07/23/2020

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate No. 23261	Albert Dehoyos
Drawn by: JEB	Checked by: ARD
Date: 07/23/2020	

Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: FULLY LOADED 12-13 FED COM	Well Number 622H

## Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	12	24S	29E		2208	NORTH	1650	WEST	EDDY
Latitude 32.233353					Longitude -103.941279			NAD 83	

## First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	12	24-S	29-E		2553	SOUTH	1650	WEST	EDDY
Latitude 32.231847°					Longitude -103.941279°			NAD 83	

## Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	13	24-S	29-E		100	SOUTH	1650	WEST	EDDY
Latitude 32.210523°					Longitude -103.941309°			NAD 83	

Is this well the defining well for the Horizontal Spacing Unit? ☒ YESIs this well an infill well? ☐ NO

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

## Federal Communitization Agreement

Contract No. \_\_\_\_\_

THIS AGREEMENT entered into as of the 1st day of November 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

### WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

**Township 24 South, Range 29 East, N.M.P.M**  
**SW/4 of Section 12**  
**W/2 of Section 13**  
**Eddy County, New Mexico**

Containing **480.00** acres, and this agreement shall include only the Bone Spring Formation underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas

Fully Loaded 12-13 Fed Com 331H

interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Devon Energy Company, L.P., 333 W Sheridan Avenue, Oklahoma City, OK 73102. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal lands included within the CA area are to be paid into the appropriate Unleased Lands Account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said

communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is November 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in

which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

**Devon Energy Production Company, L.P.**  
(Operator, Record Title and Working Interest Owner)

\_\_\_\_\_  
Date

By: \_\_\_\_\_  
Catherine Lebsack, Vice President



## ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by Catherine Lebsack, Vice President for Devon Energy Production Company, L.P., an Oklahoma limited partnership, on behalf of said limited partnership.

(SEAL)

\_\_\_\_\_  
My Commission Expires

\_\_\_\_\_  
Notary Public

**EXHIBIT "A"**

Plat of communitized area covering **480.00** acres in SW/4 of Section 12, and W/2 of Section 13,  
Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

**Fully Loaded 12-13 Fed Com 331H****(API #30-015-47551)**

SHL: 2256' FNL &amp; 1233' FWL, Sec 12-24S-29E

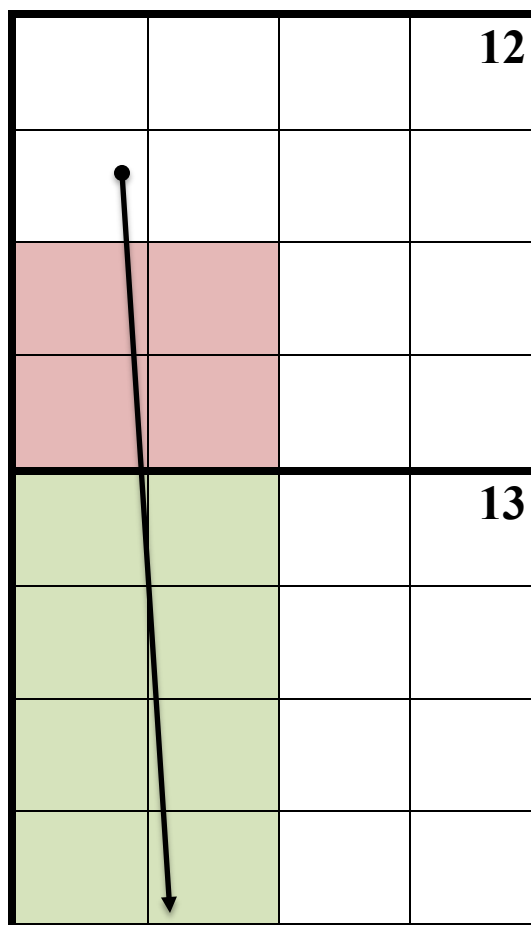
BHL: 20' FSL &amp; 1430' FWL, Sec 13-24S-29E



**Tract 1**  
**160 AC**  
**NMNM 105213**



**Tract 2**  
**320 AC**  
**NMNM 88136**



Fully Loaded 12-13 Fed Com 331H

**EXHIBIT "B"**

To Communitization Agreement Dated November 1, 2020, embracing the following described land in SW/4 of Section 12, and W/2 of Section 13, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

Operator of Communitized Area: **Devon Energy Production Company, L.P.**

**DESCRIPTION OF LEASES COMMITTED****Tract No. 1**

Lease Serial Number:	USA NMNM 105213
Lease Date:	September 1, 2000
Lease Term:	10 Years
Lessor:	United States of America
Original Lessee:	Yates Petroleum Corp
Present Lessee:	Devon Energy Production Company, L.P. – 68.00% Oxy Y-1 Co – 32.00%
Description of Land Committed:	<u>Township 24 South, Range 29 East, N.M.P.M.</u> Section 12: Insofar and only insofar as said lease covers SW/4
Number of Acres:	160.00 acres
Name and Percent of WI Owners:	Devon Energy Production Company, LP – 100.00%
Name of ORRI Owners:	None

**Tract No. 2**

Lease Serial Number:	USA NMNM 88136
Lease Date:	March 1, 1992
Lease Term:	5 Years
Lessor:	United States of America

Fully Loaded 12-13 Fed Com 331H

Original Lessee: Yates Petroleum Corp

Present Lessee: Devon Energy Production Company, L.P. – 68.00%  
Oxy Y-1 Co – 32.00%

Description of Land Committed: Township 24 South, Range 29 East, N.M.P.M.  
Section 13: W/2

Number of Acres: 320.00 acres

Name and Percent of WI Owners: Devon Energy Production Company, LP – 100.00%

Name of ORRI Owners: None

### **RECAPITULATION**

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	160.00	33.333333%
2	320.00	66.666667%
Total	480.00	100.0000%

Title:

My Commission Expires: \_\_\_\_\_

Released to Imaging: 2/23/2022 5:49:48 PM



## Federal Communitization Agreement

Contract No. \_\_\_\_\_

THIS AGREEMENT entered into as of the 1st day of November 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

### WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

**Township 24 South, Range 29 East, N.M.P.M**  
**SW/4 of Section 12**  
**W/2 of Section 13**  
**Eddy County, New Mexico**

Containing **480.00** acres, and this agreement shall include only the Wolfcamp Formation underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas

Fully Loaded 12-13 Fed Com 621H, 622H

interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Devon Energy Company, L.P., 333 W Sheridan Avenue, Oklahoma City, OK 73102. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal lands included within the CA area are to be paid into the appropriate Unleased Lands Account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said

communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is November 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in

which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

**Devon Energy Production Company, L.P.**  
(Operator, Record Title and Working Interest Owner)

\_\_\_\_\_  
Date

By: \_\_\_\_\_  
Catherine Lebsack, Vice President

## ACKNOWLEDGEMENT

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

This instrument was acknowledged before me on this \_\_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_, by Catherine Lebsack, Vice President for Devon Energy Production Company, L.P., an  
Oklahoma limited partnership, on behalf of said limited partnership.

(SEAL)

\_\_\_\_\_  
My Commission Expires

\_\_\_\_\_  
Notary Public



**EXHIBIT "A"**

Plat of communitized area covering **480.00** acres in SW/4 of Section 12, and W/2 of Section 13,  
Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

**Fully Loaded 12-13 Fed Com 621H****(API #30-015-47548)**

SHL: 2256' FNL &amp; 1203' FWL, Sec 12-24S-29E

BHL: 20' FSL &amp; 540' FWL, Sec 13-24S-29E


(DEFINING WELL)

**Fully Loaded 12-13 Fed Com 622H****(API #30-015-47549)**


SHL: 2256' FNL &amp; 1263' FWL, Sec 12-24S-29E

BHL: 20' FSL &amp; 2310' FWL, Sec 13-24S-29E

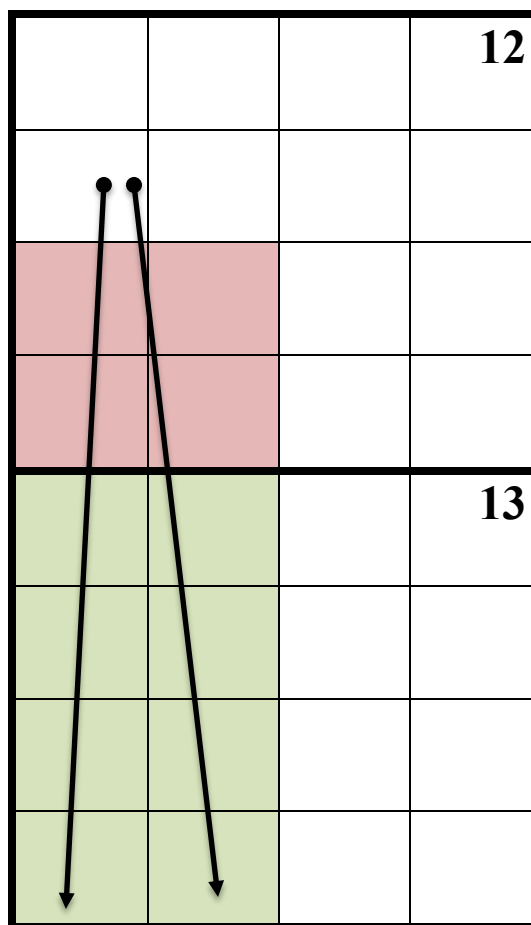
(INFILL WELL)



**Tract 1**  
**160 AC**  
**NMNM 105213**



**Tract 2**  
**320 AC**  
**NMNM 88136**



Fully Loaded 12-13 Fed Com 621H, 622H

**EXHIBIT "B"**

To Communitization Agreement Dated November 1, 2020, embracing the following described land in SW/4 of Section 12, and W/2 of Section 13, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

Operator of Communitized Area: **Devon Energy Production Company, L.P.**

**DESCRIPTION OF LEASES COMMITTED****Tract No. 1**

Lease Serial Number:	USA NMNM 105213
Lease Date:	September 1, 2000
Lease Term:	10 Years
Lessor:	United States of America
Original Lessee:	Yates Petroleum Corp
Present Lessee:	Devon Energy Production Company, L.P. – 68.00% Oxy Y-1 Co – 32.00%
Description of Land Committed:	<u>Township 24 South, Range 29 East, N.M.P.M.</u> Section 12: Insofar and only insofar as said lease covers SW/4
Number of Acres:	160.00 acres
Name and Percent of WI Owners:	Devon Energy Production Company, LP – 100.00%
Name of ORRI Owners:	None

**Tract No. 2**

Lease Serial Number:	USA NMNM 88136
Lease Date:	March 1, 1992
Lease Term:	5 Years
Lessor:	United States of America

Fully Loaded 12-13 Fed Com 621H, 622H

Original Lessee: Yates Petroleum Corp

Present Lessee: Devon Energy Production Company, L.P. – 68.00%  
Oxy Y-1 Co – 32.00%

Description of Land Committed: Township 24 South, Range 29 East, N.M.P.M.  
Section 13: W/2

Number of Acres: 320.00 acres

Name and Percent of WI Owners: Devon Energy Production Company, LP – 100.00%

Name of ORRI Owners: None

### **RECAPITULATION**

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	160.00	33.333333%
2	320.00	66.666667%
Total	480.00	100.0000%

Fully Loaded 12-13 Fed Com 621H, 622H



## Federal Communitization Agreement

Contract No. \_\_\_\_\_

THIS AGREEMENT entered into as of the 1st day of November 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

### WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

**Township 24 South, Range 29 East, N.M.P.M**  
**Lot 3 (39.72), SE/4 NW/4 and E/2 SW/4 of Section 1**  
**E/2 NW/4 of Section 12**  
**Eddy County, New Mexico**

Containing **239.72** acres, and this agreement shall include only the Bone Spring Formation underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas

Fully Loaded 12-1 Fed Com 332H

interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Devon Energy Company, L.P., 333 W Sheridan Avenue, Oklahoma City, OK 73102. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal lands included within the CA area are to be paid into the appropriate Unleased Lands Account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said



communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is November 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in


which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

**Devon Energy Production Company, L.P.**  
(Operator, Record Title and Working Interest Owner)

3/12/2021  
Date

By: Catherine Lebsack  
Catherine Lebsack, Vice President 

Allar Development, LLC  
(Operating Rights Owner)

3/2/21  
Date

By: [Signature]

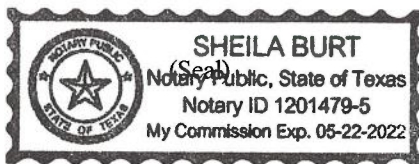
Name: John Chiles Graham

Title: Pres. Allar

ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

STATE OF Texas )  
 ) SS  
COUNTY OF Young )

This instrument was acknowledged before me on March 2, 2021, by  
John Chiles Graham, as President of  
Allar Development, LLC.



Sheila Burt  
Signature of Notarial Officer

My Commission Expires: 5/22/2022

Echo Production, Inc.  
(Record Title Owner)

3/3/2021  
Date

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Jick Fisher  
Jick Fisher  
COO

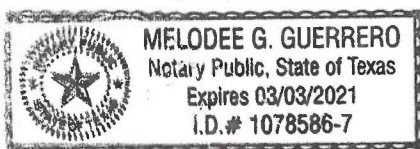
ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

STATE OF Texas )  
 ) SS  
COUNTY OF Young )

This instrument was acknowledged before me on March 3, 2021, by  
Jick Fisher, as COO of  
Echo Production, Inc.

Melodee G. Guerrero  
Signature of Notarial Officer

(Seal)



My Commission Expires: 3/3/2021



Oxy Y-1 Co.  
(Record Title Owner)

3/11/2021  
Date

By: John V. Schneider  
Name: John V. Schneider  
Title: Attorney-in-Fact

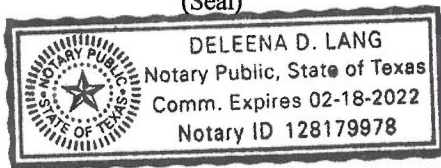
ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

STATE OF TEXAS )  
 ) SS  
COUNTY OF HALL )

This instrument was acknowledged before me on March 11, 2021, by  
John V. Schneider, as Attorney-in-Fact of  
OXY Y-1 Company, a New Mexico corporation.

[Signature]  
Signature of Notarial Officer

(Seal)



My Commission Expires: 02/18/2022

**EXHIBIT "A"**

Plat of communitized area covering **239.72** acres in Lot 3, SE/4 NW/4, and E/2 SW/4 of Section 1, and E/2 NW/4 of Section 12, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

**Fully Loaded 12-1 Fed Com 332H****(API #30-015-47573)**

SHL: 1656' FNL &amp; 1243' FWL, Sec 12-24S-29E

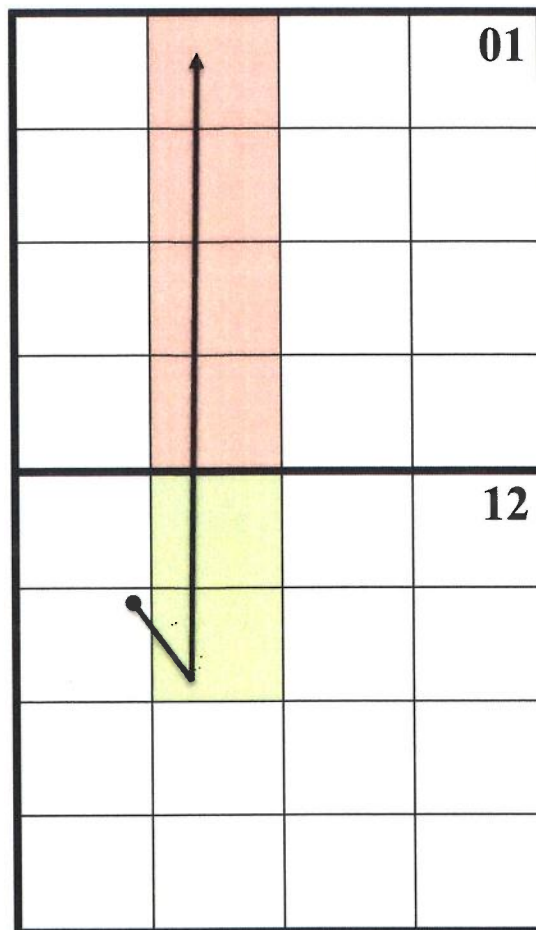
BHL: 20' FNL &amp; 1650' FWL, Sec 1-24S-29E



**Tract 1**  
**159.72 AC**  
**NMNM 102912**



**Tract 2**  
**80 AC**  
**NMNM 105213**



Fully Loaded 12-1 Fed Com 332H



**EXHIBIT "B"**

To Communitization Agreement Dated November 1, 2020, embracing the following described land in Lot 3, SE/4 NW/4, and E/2 SW/4 of Section 1, and E/2 NW/4 of Section 12, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

Operator of Communitized Area: **Devon Energy Production Company, L.P.**

DESCRIPTION OF LEASES COMMITTEDTract No. 1

Lease Serial Number:	USA NMNM 102912
Lease Date:	June 1, 1999
Lease Term:	10 Years
Lessor:	United States of America
Original Lessee:	Echo Production, Inc.
Present Lessee:	Echo Production, Inc.
Description of Land Committed:	<u>Township 24 South, Range 29 East, N.M.P.M.</u> Section 1: Insofar and only insofar as said lease covers Lot 3, SE/4 NW/4, and E/2 SW/4
Number of Acres:	159.72 acres
Name and Percent of WI Owners:	Devon Energy Production Company, LP – 80.00% Allar Development, LLC – 20.00%
Name of ORRI Owners:	John Kyle Thoma, Trustee of the Cornerstone Family Trust CrownRock Minerals, LP Allar Development, LLC Highland (Texas) Energy Company Nextegg Energy Corporation Strategic Energy Income Fund IV, LP

Fully Loaded 12-1 Fed Com 332H

Tract No. 2

Lease Serial Number: USA NMNM 105213

Lease Date: September 1, 2000

Lease Term: 10 Years

---

Lessor: United States of America

Original Lessee: Yates Petroleum Corp

Present Lessee: Devon Energy Production Company, L.P. – 68.00%  
Oxy Y-1 Co – 32.00%

Description of Land Committed: Township 24 South, Range 29 East, N.M.P.M.  
Section 12: Insofar and only insofar as said lease covers E/2  
NW/4

Number of Acres: 80.00 acres

Name and Percent of WI Owners: Devon Energy Production Company, LP – 100.00%

Name of ORRI Owners: None

**RECAPITULATION**

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	159.72	66.627732%
2	80.00	33.372268%
Total	239.72	100.0000%

## Federal Communitization Agreement

Contract No. \_\_\_\_\_

THIS AGREEMENT entered into as of the 1st day of November 2020, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

**Township 24 South, Range 29 East, N.M.P.M**  
**Lot 3 (39.72), 4 (39.61), S/2 NW/4 and SW/4 of Section 1**  
**NW/4 of Section 12**  
**Eddy County, New Mexico**

Containing **479.33** acres, and this agreement shall include only the Wolfcamp Formation underlying said lands and the oil and gas hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas

Fully Loaded 12-1 Fed Com 621H, 622H



interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.

3. The Operator of the communitized area shall be Devon Energy Company, L.P., 333 W Sheridan Avenue, Oklahoma City, OK 73102. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

All proceeds, 8/8ths, attributed to unleased Federal lands included within the CA area are to be paid into the appropriate Unleased Lands Account by the designated operator until the land is leased or ownership is established.

6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said

communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.

8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is November 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in




which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.

13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.
15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

**Devon Energy Production Company, L.P.**  
(Operator, Record Title and Working Interest Owner)

3/12/2021  
Date

By: Catherine Lebsack  
Catherine Lebsack, Vice President 



Allar Development, LLC  
(Operating Rights Owner)

3/2/21  
Date

By: [Signature]

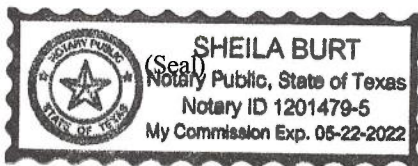
Name: JOHN CHILES GRAHAM

Title: President

ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

STATE OF Texas )  
 ) SS  
COUNTY OF Young )

This instrument was acknowledged before me on March 2, 2021, by  
John Chiles Graham, as President of  
Allar Development, LLC.



Sheila Burt  
Signature of Notarial Officer

My Commission Expires: 5/22/2022

Echo Production, Inc.  
(Record Title Owner)

3/3/2021  
Date

By: [Signature]  
Name: Jack Fisher  
Title: COO

ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

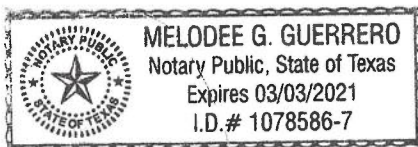
STATE OF Texas )  
COUNTY OF Young ) SS

This instrument was acknowledged before me on March 3, 2021, by  
Jack Fisher, as COO of  
Echo Production, Inc.

[Signature]  
Signature of Notarial Officer

(Seal)

My Commission Expires: 3/3/2021



Oxy Y-1 Co.  
(Record Title Owner)

3/11/2021  
Date

By: John V. Schneider  
Name: John V. Schneider  
Title: Attorney-in-Fact

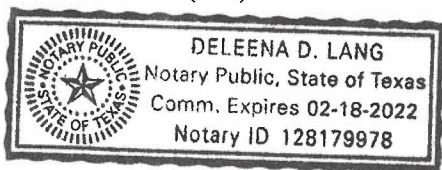
ACKNOWLEDGMENT IN A REPRESENTATIVE CAPACITY

STATE OF TEXAS )  
 ) SS  
COUNTY OF HARRIS )

This instrument was acknowledged before me on March 11, 2021, by  
John V. Schneider, as Attorney-in-Fact of  
OXY Y-1 Company, a New Mexico corporation.

[Signature]  
Signature of Notarial Officer

(Seal)



My Commission Expires: 02/18/2022

**EXHIBIT "A"**

Plat of communitized area covering **479.33** acres in Lot 3 & 4, S/2 NW/4, and SW/4 of Section 1, and NW/4 of Section 12, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

**Fully Loaded 12-1 Fed Com 621H****(API #30-015-47577)**

SHL: 1656' FNL &amp; 1183' FWL, Sec 12-24S-29E

BHL: 20' FNL &amp; 540' FWL, Sec 1-24S-29E

**Fully Loaded 12-1 Fed Com 622H****(API 30-015-47578)**

SHL: 1656' FNL &amp; 1273' FWL, Sec 12-24S-29E

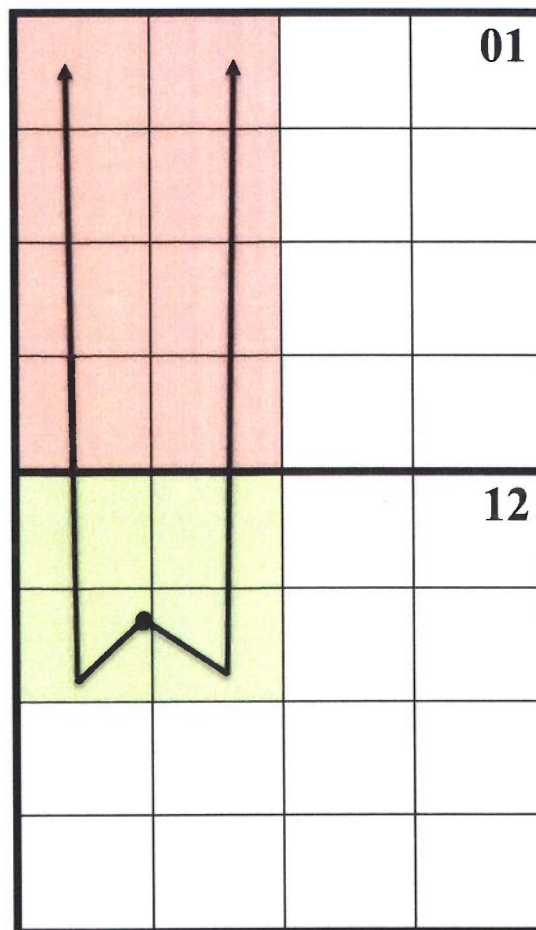
BHL: 20' FNL &amp; 2310' FWL, Sec 1-24S-29E



**Tract 1**  
**319.33 AC**  
**NMNM 102912**



**Tract 2**  
**160 AC**  
**NMNM 105213**



Fully Loaded 12-1 Fed Com 621H, 622H

**EXHIBIT "B"**

To Communitization Agreement Dated November 1, 2020, embracing the following described land in Lot 3 & 4, S/2 NW/4, and SW/4 of Section 1, and NW/4 of Section 12, Township 24 South, Range 29 East, N.M.P.M., Eddy County, New Mexico

Operator of Communitized Area: **Devon Energy Production Company, L.P.**

**DESCRIPTION OF LEASES COMMITTED****Tract No. 1**

Lease Serial Number:	USA NMNM 102912
Lease Date:	June 1, 1999
Lease Term:	10 Years
Lessor:	United States of America
Original Lessee:	Echo Production, Inc.
Present Lessee:	Echo Production, Inc.
Description of Land Committed:	<u>Township 24 South, Range 29 East, N.M.P.M.</u> Section 1: Insofar and only insofar as said lease covers Lot 3 and 4, S/2 NW/4, and SW/4
Number of Acres:	319.33 acres
Name and Percent of WI Owners:	Devon Energy Production Company, LP – 80.00% Allar Development, LLC – 20.00%
Name of ORRI Owners:	John Kyle Thoma, Trustee of the Cornerstone Family Trust CrownRock Minerals, LP Allar Development, LLC Highland (Texas) Energy Company Nextegg Energy Corporation Strategic Energy Income Fund IV, LP

Fully Loaded 12-1 Fed Com 621H, 622H

Tract No. 2

Lease Serial Number: USA NMNM 105213

Lease Date: September 1, 2000

Lease Term: 10 Years

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Lessor: United States of America

Original Lessee: Yates Petroleum Corp

Present Lessee: Devon Energy Production Company, L.P. – 68.00%  
Oxy Y-1 Co – 32.00%

Description of Land Committed: Township 24 South, Range 29 East, N.M.P.M.  
Section 12: Insofar and only insofar as said lease covers NW/4

Number of Acres: 160.00 acres

Name and Percent of WI Owners: Devon Energy Production Company, LP – 100.00%

Name of ORRI Owners: None

**RECAPITULATION**

<u>Tract No.</u>	<u>No. of Acres Committed</u>	<u>Percentage of Interest in Communitized Area</u>
1	319.33	66.620074%
2	160.00	33.379926%
Total	479.33	100.0000%

Fully Loaded 12-1 Fed Com 621H, 622H



**From:** [Engineer, OCD, EMNRD](#)  
**To:** [Harms, Jenny](#)  
**Cc:** [McClure, Dean, EMNRD](#); [Hawkins, James, EMNRD](#); [Powell, Brandon, EMNRD](#); [lisa@rwbyram.com](mailto:lisa@rwbyram.com); [Glover, James](#); [Paradis, Kyle O](#); [Walls, Christopher](#)  
**Subject:** Approved Administrative Order PLC-779  
**Date:** Wednesday, February 23, 2022 5:07:18 PM  
**Attachments:** [PLC779 Order.pdf](#)

NMOCD has issued Administrative Order PLC-779 which authorizes Devon Energy Production Company, LP (6137) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool Code
30-015-47578	Fully Loaded 12 1 Federal Com #622H	W/2 NW/4	1-24S-29E 12-24S-29E	98220
30-015-47576	Fully Loaded 12 1 Federal Com #332H	E/2 W/2 E/2 NW/4	1-24S-29E 12-24S-29E	96473
30-015-47577	Fully Loaded 12 1 Federal Com #621H	W/2 NW/4	1-24S-29E 12-24S-29E	98220
30-015-47549	Fully Loaded 12 13 Federal Com #622H	SW/4 W/2	12-24S-29E 13-24S-29E	98220
30-015-47551	Fully Loaded 12 13 Federal Com #331H	W/2 SW/4 W/2 W/2	12-24S-29E 13-24S-29E	96473
30-015-47548	Fully Loaded 12 13 Federal Com #621H	SW/4 W/2	12-24S-29E 13-24S-29E	98220

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure  
 Petroleum Engineer, Oil Conservation Division  
 New Mexico Energy, Minerals and Natural Resources Department  
 (505) 469-8211

**From:** [Harms, Jenny](#)  
**To:** [McClure, Dean, EMNRD](#)  
**Subject:** RE: [EXTERNAL] surface commingling application PLC-779  
**Date:** Tuesday, February 8, 2022 9:02:44 AM  
**Attachments:** [Print Report.pdf](#)

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Good morning Dean,

Please see the attached BLM approval for Fully Loaded 12 Central Tank Battery 2 commingling/OLM.

Thank you,

*Jenny Harms*

Regulatory Compliance Professional  
Work Phone: (405)552-6560  
[Jennifer.harms@dvn.com](mailto:Jennifer.harms@dvn.com)  
Devon Energy Center-Tower  
333 West Sheridan Avenue Oklahoma City OK 73102-5015

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**From:** McClure, Dean, EMNRD <Dean.McClure@state.nm.us>  
**Sent:** Monday, February 7, 2022 6:22 PM  
**To:** Harms, Jenny <Jenny.Harms@dvn.com>  
**Subject:** [EXTERNAL] surface commingling application PLC-779

Ms. Harms,

I am reviewing surface commingling application PLC-779 which involves the commingling project that includes the Fully Loaded 12 Central Tank Battery 2 and is operated by Devon Energy Production Company, LP (6137).

Please confirm that the BLM was notified of this application.

Dean McClure  
Petroleum Engineer, Oil Conservation Division  
New Mexico Energy, Minerals and Natural Resources Department  
(505) 469-8211

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

**APPLICATION FOR SURFACE COMMINGLING  
SUBMITTED BY DEVON ENERGY PRODUCTION  
COMPANY, LP**

**ORDER NO. PLC-779**

**ORDER**

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

**FINDINGS OF FACT**

1. Devon Energy Production Company, LP (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
7. Applicant in the notice for the Application stated that it sought authorization to add additional pools, leases, and wells and identified the parameters to make such additions.
8. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.
9. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying

the acreage of each lease to be consolidated into a single pooled area ("Pooled Area"), as described in Exhibit B.

### **CONCLUSIONS OF LAW**

10. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
11. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
12. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
13. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
14. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
15. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
16. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

### **ORDER**

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A at a central tank battery described in Exhibit A.

2. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingle application to OCD to conform this Order with the approved Agreement(s). If OCD denies the new surface commingle application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
4. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling.
5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new

surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC.
10. If a well is not included in Exhibit A but produces from a pool or lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well and proposed method to determine the allocation of oil and gas production to it.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION**

  
\_\_\_\_\_  
**ADRIENNE SANDOVAL  
DIRECTOR**

**DATE:** 2/23/2022



State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit A

Order: **PLC-779**

Operator: **Devon Energy Production Company, LP (6137)**

Central Tank Battery: **Fully Loaded 12 Central Tank Battery 2**

Central Tank Battery Location: **Unit F, Section 12, Township 24 South, Range 29 East**

Gas Title Transfer Meter Location: **Unit F, Section 12, Township 24 South, Range 29 East**

### Pools

Pool Name	Pool Code
<b>PIERCE CROSSING; BONE SPRING, EAST</b>	<b>96473</b>
<b>PURPLE SAGE; WOLFCAMP (GAS)</b>	<b>98220</b>

### Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
<b>NMNM 102912</b>	<b>W/2</b>	<b>1-24S-29E</b>
<b>NMNM 105213</b>	<b>W/2</b>	<b>12-24S-29E</b>
<b>NMNM 088136</b>	<b>W/2</b>	<b>13-24S-29E</b>

### Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
<b>30-015-47578</b>	<b>Fully Loaded 12 1 Federal Com #622H</b>	<b>W/2</b>	<b>1-24S-29E</b>	<b>98220</b>
		<b>NW/4</b>	<b>12-24S-29E</b>	
<b>30-015-47576</b>	<b>Fully Loaded 12 1 Federal Com #332H</b>	<b>E/2 W/2</b>	<b>1-24S-29E</b>	<b>96473</b>
		<b>E/2 NW/4</b>	<b>12-24S-29E</b>	
<b>30-015-47577</b>	<b>Fully Loaded 12 1 Federal Com #621H</b>	<b>W/2</b>	<b>1-24S-29E</b>	<b>98220</b>
		<b>NW/4</b>	<b>12-24S-29E</b>	
<b>30-015-47549</b>	<b>Fully Loaded 12 13 Federal Com #622H</b>	<b>SW/4</b>	<b>12-24S-29E</b>	<b>98220</b>
		<b>W/2</b>	<b>13-24S-29E</b>	
<b>30-015-47551</b>	<b>Fully Loaded 12 13 Federal Com #331H</b>	<b>W/2 SW/4</b>	<b>12-24S-29E</b>	<b>96473</b>
		<b>W/2 W/2</b>	<b>13-24S-29E</b>	
<b>30-015-47548</b>	<b>Fully Loaded 12 13 Federal Com #621H</b>	<b>SW/4</b>	<b>12-24S-29E</b>	<b>98220</b>
		<b>W/2</b>	<b>13-24S-29E</b>	

State of New Mexico  
Energy, Minerals and Natural Resources Department

## Exhibit B

Order: **PLC-779**  
Operator: **Devon Energy Production Company, LP (6137)**

### Pooled Areas

Pooled Area	UL or Q/Q	S-T-R	Acres	Pooled Area ID
CA Wolfcamp NMNM 143416	W/2 NW/4	1-24S-29E 12-24S-29E	479.33	A
CA Bone Spring NMNM 143415	E/2 W/2 E/2 NW/4	1-24S-29E 12-24S-29E	239.72	B
CA Wolfcamp NMNM 143418	SW/4 W/2	12-24S-29E 13-24S-29E	480	C
CA Bone Spring NMNM 143417	SW/4 W/2	12-24S-29E 13-24S-29E	480	D

### Leases Comprising Pooled Areas

Lease	UL or Q/Q	S-T-R	Acres	Pooled Area ID
NMNM 102912	W/2	1-24S-29E	319.33	A
NMNM 105213	NW/4	12-24S-29E	160	A
NMNM 102912	E/2 W/2	1-24S-29E	159.72	B
NMNM 105213	E/2 NW/4	12-24S-29E	80	B
NMNM 105213	SW/4	12-24S-29E	160	C
NMNM 088136	W/2	13-24S-29E	320	C
NMNM 105213	SW/4	12-24S-29E	160	D
NMNM 088136	W/2	13-24S-29E	320	D

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 34723

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 34723
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	2/23/2022