

PMAM 18292

RECEIVED: 10/19/2018	REVIEWER: MAM	TYPE: CTB	APP NO: PMAM 18292 51275
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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



1829251  
275

**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., LP **OGRID Number:** 6137  
**Well Name:** N. Thistle 3-34 State Com 1H, 2 H, 3 H, 4 H, 5 H & 6H **API:** SEE ATTACHED  
**Pool:** Brinninstool; Bone Spring **Pool Code:** 7230

**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

CTB-873

- 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	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	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.

**Erin Workman**  
 \_\_\_\_\_  
 Print or Type Name

*Erin Workman*  
 \_\_\_\_\_  
 Signature

10/19/18  
 Date  
405-552-7970  
 Phone Number

Erin.workman@dvn.com  
 e-mail Address

## APPLICATION FOR A CENTRAL TANK BATTERY

### Proposal for North Thistle 3 Central Tank Battery 1

Devon Energy Production Company, LP is requesting approval for A Central Tank Battery for the following wells:

#### Federal Lease: VO7248, VB 1937, & VB 1938

Well Name	Location	API #	Pool 7320	BOPD	MCFPD
North Thistle 3-34 State Com 1H	Sec 3, T23S, R33E, SWSW	30-025-45070	Brinninstool, BS	137	186*
North Thistle 3-34 State Com 2H	Sec 3, T23S, R33E, SWSW	30-025-45071	Brinninstool, BS	137	186*
North Thistle 3-34 State Com 3H	Sec 3, T23S, R33E, SESW	30-025-45072	Brinninstool, BS	137	186*

#### Federal Lease: VO 8233, VO7248, VB 1937, & VB 1938

Well Name	Location	API #	Pool 7320	BOPD	MCFPD
North Thistle 3-34 State Com 4H	Sec 3, T23S, R33E, SWSE	30-025-45073	Brinninstool, BS	137	186*
North Thistle 3-34 State Com 5H	Sec 3, T23S, R33E, SESE	30-025-45074	Brinninstool, BS	137	186*
North Thistle 3-34 State Com 6H	Sec 3, T23S, R33E, SESE	30-025-45075	Brinninstool, BS	137	186*

\*Production numbers from offset well, will provide numbers upon receipt.

Attached is a map that displays the state leases and well locations in Section 3, T23S, R33E

Communitization Agreements will be filed, one for the will cover the entire W/2 of Section 3-T23S-R33E and W/2 of Section 34-T22S-R33E. The wells in this CA are the North Thistle 3-34 State Com 1H, 2H, and 3H. The total acres in this CA = 639.73. The other Communitization Agreement will cover the entire E/2 of Section 3-T23S-R33E and E/2 of Section 34-T22S-R33E. The wells in this CA are the North Thistle 3-34 State Com 4H, 5H, and 6H. The total acres in this CA = 639.19

#### Oil & Gas metering:

The central tank battery, North Thistle 3 CTB 1 is located in Sec. 3, T<sup>23</sup>~~24~~S, R33E, Lea County, New Mexico.

Each well is routed to its own 3-phase separator where the full well stream is separated into gas, oil, and water streams. For each well, after separation, gas is measured with an independent, designated orifice meter for allocation, then flows into a gas production line where it is combined with gas from the other wells and flows through a gas sales meter(s). The oil from the 3-phase separator is measured with an independent, designated Micro Motion Coriolis Meter for allocation. It then combines with the oil production from the other wells, flows into the heater treater(s), then into the Ultra-Low Pressure Separator(s) (ULPS), and into one of the oil tanks. The oil is then pumped out of the common tanks to an oil sales meter (LACT unit) owned and operated by a 3<sup>rd</sup> party. The water from the 3-phase separator is measured with an independent, designated Mag meter for allocation, combines with the water from the other wells, then flows into the gun barrel, and into one of the produced water tanks. Flash gas that exits the heater treater(s) and ULPS(s) flows to the Vapor Recovery Unit (VRU). After exiting the VRU, the gas will be measured through a designated orifice meter for allocation.

The central tank battery will have 6 oil tanks and 21 water tanks that all wells will utilize. All wells will have 1 common gas delivery point(s) on or directly adjacent to location. They will also share 1 common oil delivery point(s) (LACT) on or directly adjacent to location.

#### Meter Owner / Serial Number:

Well Name	Gas Allocation Meter	Oil Allocation Meter	Gas FMP	Oil FMP	Water Allocation Meter	VRU Allocation Meter
North Thistle 3-34 State Com 1H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /
North Thistle 3-34 State Com 2H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /
North Thistle 3-34 State Com 3H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /
North Thistle 3-34 State Com 4H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /
North Thistle 3-34 State Com 5H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /
North Thistle 3-34 State Com 5H	DVN /	DVN /	Lucid / DCP	Enterprise /	DVN /	DVN /

The total of all oil sales meters will be allocated to each well based on the oil allocation meter located downstream of each well's 3-phase separator. Devon will continue to operate and maintain the Micro Motion Coriolis Meter per applicable regulations. The total of all gas sales meters will be allocated to each well based on the gas allocation meter located downstream of each well's 3-phase separator and the VRU allocation meter. The VRU allocation meter volumes will be allocated to each well based on the oil allocation meter of each well. The OCD will be notified of any future changes to the facilities.



Devon Energy Corporation  
333 West Sheridan Avenue  
Oklahoma City, OK 73102-5010

405 552-7970 Phone  
Erin.workman@dvn.com

October 19, 2018

New Mexico Oil Conservation Division  
Oil Conservation Division  
ATTN: Michael McMillan  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Central Tank Battery**  
**North Thistle 3 CTB 1**  
**Sec., T, R: Sec. 3, T23S, R33E**  
**Lease: VO 8233, VO7248, VB 1937, & VB 1938**  
**API: 30-025-45070, 30-025-45071, 30-025-45072, 30-025-45073, 30-025-45074, & 30-025-45075**  
**Pool: Brinninstool, BS**  
**County: Lea Co., New Mexico**

Dear Mr. McMillan:

Please find attached the OCD Form C-107 Notice of Intent for a Central Tank Battery for the aforementioned wells.

The working interest, royalty interest and overriding royalty interest owners are identical; no notification is necessary.

Subsequently drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

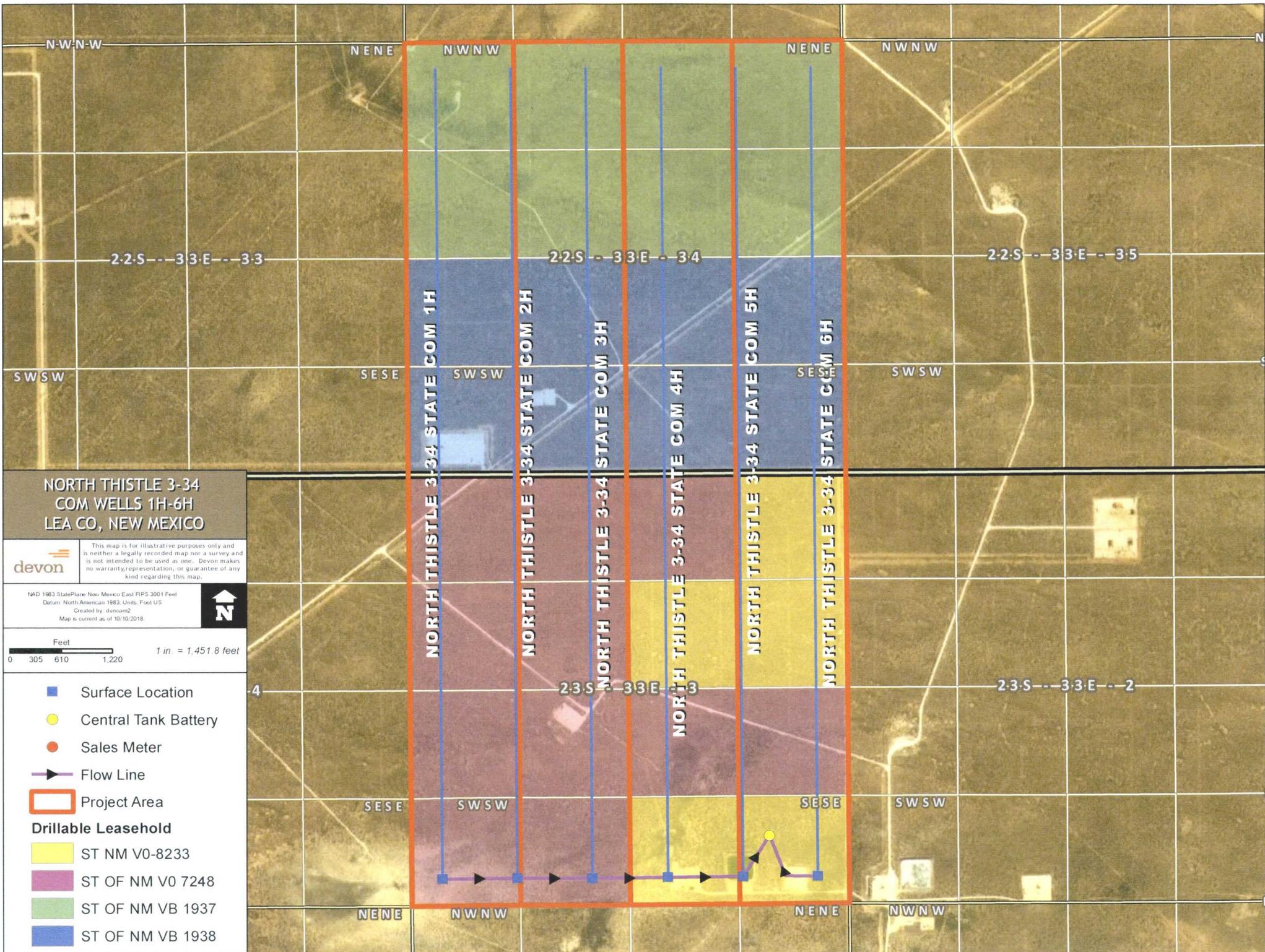
Should you have any questions or need further assistance, please do not hesitate to contact me at (405) 552-7970.

Sincerely,

A handwritten signature in black ink that reads "Erin Workman". The signature is written in a cursive, flowing style.

Erin Workman  
Regulatory Compliance Professional

Enclosures



**NORTH THISTLE 3-34  
COM WELLS 1H-6H  
LEA CO, NEW MEXICO**



This map is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet  
Datum: North American 1983, Units: Foot US  
Created by: duncam2  
Map is current as of 10/10/2018



Feet  
0 305 610 1,220  
1 in. = 1,451.8 feet

- Surface Location
- Central Tank Battery
- Sales Meter
- Flow Line
- Project Area
- Drillable Leasehold**
- ST NM V0-8233
- ST OF NM V0 7248
- ST OF NM VB 1937
- ST OF NM VB 1938

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
1301 W. Grand Ave, 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 June 10, 2003

**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., LP  
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

(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  Well Test Method  
(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: Erin Workman TITLE: Regulatory Compliance Analyst DATE: 10/18/2018

TYPE OR PRINT NAME: Erin Workman TELEPHONE NUMBER: 405-552-7970

E-MAIL ADDRESS: Erin.Workman@dvn.com

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## Proposal for North Thistle 3 Central Tank Battery 1

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Communitization Agreements will be filed, one for the will cover the entire W/2 of Section 3-T23S-R33E and W/2 of Section 34-T22S-R33E. The wells in this CA are the North Thistle 3-34 State Com 1H, 2H, and 3H. The total acres in this CA = 639.73. The other Communitization Agreement will cover the entire E/2 of Section 3-T23S-R33E and E/2 of Section 34-T22S-R33E. The wells in this CA are the North Thistle 3-34 State Com 4H, 5H, and 6H. The total acres in this CA = 639.19

### Oil & Gas metering:

The central tank battery, North Thistle 3 CTB 1 is located in Sec. 3, T26S, R33E, Lea County, New Mexico.

Each well is routed to its own 3-phase separator where the full well stream is separated into gas, oil, and water streams. For each well, after separation, gas is measured with an independent, designated orifice meter for allocation, then flows into a gas production line where it is combined with gas from the other wells and flows through a gas sales meter(s). The oil from the 3-phase separator is measured with an independent, designated Micro Motion Coriolis Meter for allocation. It then combines with the oil production from the other wells, flows into the heater treater(s), then into the Ultra-Low Pressure Separator(s) (ULPS), and into one of the oil tanks. The oil is then pumped out of the common tanks to an oil sales meter (LACT unit) owned and operated by a 3<sup>rd</sup> party. The water from the 3-phase separator is measured with an independent, designated Mag meter for allocation, combines with the water from the other wells, then flows into the gun barrel, and into one of the produced water tanks. Flash gas that exits the heater treater(s) and ULPS(s) flows to the Vapor Recovery Unit (VRU). After exiting the VRU, the gas will be measured through a designated orifice meter for allocation.

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**Process and Flow Descriptions:**

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 NMOCD regulations 19.15.12.10. 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).

DISTRICT I  
1625 N. FRENCH DR., HOHBS, NM 87240  
Phone: (505) 333-0161 Fax: (505) 333-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-0720

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

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

HOHBS/OCD  
SEP 20 2018  
RECEIVED

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-45071	Pool Code 7320	Pool Name BRINNINSTOOL; BONE SPRING
Property Code	Property Name NORTH THISTLE 3-34 STATE COM	Well Number 2H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3595.6'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	23-S	33-E		231	SOUTH	1489	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	22-S	33-E		20	NORTH	1284	WEST	LEA

Dedicated Acres 639.73	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Y=493908.9 N X=777412.0 E</p> <p>LIP 100' FNL &amp; 1284' FWL LAT.=32.355229° N LONG.=103.564660° W</p> <p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=493896.2 N X=778696.1 E LAT.=32.355449° N LONG.=103.564661° W</p> <p>NAD 83 NME SURFACE LOCATION Y=483599.1 N X=778981.0 E LAT.=32.327141° N LONG.=103.563978° W</p> <p>ETP 100' FSL &amp; 1284' FWL LAT.=32.326781° N LONG.=103.564640° W</p> <p>Y=483357.7 N X=777494.1 E</p>	<p>1284'</p> <p>20'</p> <p>B.H.</p> <p>Y=493916.4 N X=778730.0 E</p> <p>SECTION 34</p> <p>SECTION 3</p> <p>LOT 4</p> <p>LOT 3</p> <p>LOT 2</p> <p>LOT 1</p> <p>39.84 Ac</p> <p>39.70 Ac</p> <p>39.66 Ac</p> <p>39.65 Ac</p> <p>Y=483367.2 N X=778815.6 E</p> <p>S.L.</p> <p>1489'</p> <p>231'</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>Rebecca Deal 9/19/2018 Signature Date Rebecca Deal, Regulatory Analyst Printed Name rebecca.deal@dvn.com E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 4, 2018 Date of Survey Signature &amp; Seal of Professional Surveyor</p> <p>CHAD L. HARCROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR Chad L. Harcrow 7/31/18 Certificate No. CHAD HARCROW 17777 W.O. # 18-886 DRAWN BY: CD</p>
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DEFINING WELL

DISTRICT I  
1625 N. FRANCES DR., HOBBS, NM 88240  
Phone: (505) 336-6181 Fax: (505) 336-6720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1253 Fax: (505) 748-6720

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

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION REPORT

API Number 30-025-45070	Pool Code 7320	Pool Name BRINNINSTOOL;BONE SPRING
Property Code <i>32009</i>	Property Name NORTH THISTLE 3-34 STATE COM	Well Number 1H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3595.9'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	3	23-S	33-E		231	SOUTH	1459	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	34	22-S	33-E		20	NORTH	380	WEST	LEA

Dedicated Acres 639.73	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>Y=493908.9 N X=777412.0 E</p> <p>LTP 100' FNL &amp; 380' FWL LAT.=32.355233° N LONG.=103.567588° W</p> <p>NAD 83 NME <u>PROPOSED BOTTOM HOLE LOCATION</u> Y=493891.1 N X=777792.1 E LAT.=32.355453° N LONG.=103.567588° W</p> <p>NAD 83 NME <u>SURFACE LOCATION</u> Y=483599.2 N X=778951.1 E LAT.=32.327141° N LONG.=103.564074° W</p> <p>FTP 100' FSL &amp; 380' FWL LAT.=32.326781° N LONG.=103.567567° W</p> <p>Y=483357.7 N X=777494.1 E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Rebecca Deal</i> 9/19/2018 Signature Date Rebecca Deal, Regulatory Analyst Printed Name rebecca.deal@dvn.com E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>FEBRUARY 20, 2018 Date of Survey Signature &amp; Seal of Professional Surveyor</p> <p> <i>Chad Harcrow</i> 7/31/18 Certificate No. CHAD HARCROW 17777 W.O. # 18-891 DRAWN BY: CD</p>
--	--

INFILL WELL



DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 333-6181 Fax: (505) 333-0780

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
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Energy, Minerals & Natural Resources Department  
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1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

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Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45074	Pool Code 7320	Pool Name BRINNINSTOOL;BONE SPRING
Property Code	Property Name NORTH THISTLE 3-34 STATE COM	Well Number 5H
OGRD No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3571.1'

Surface Location

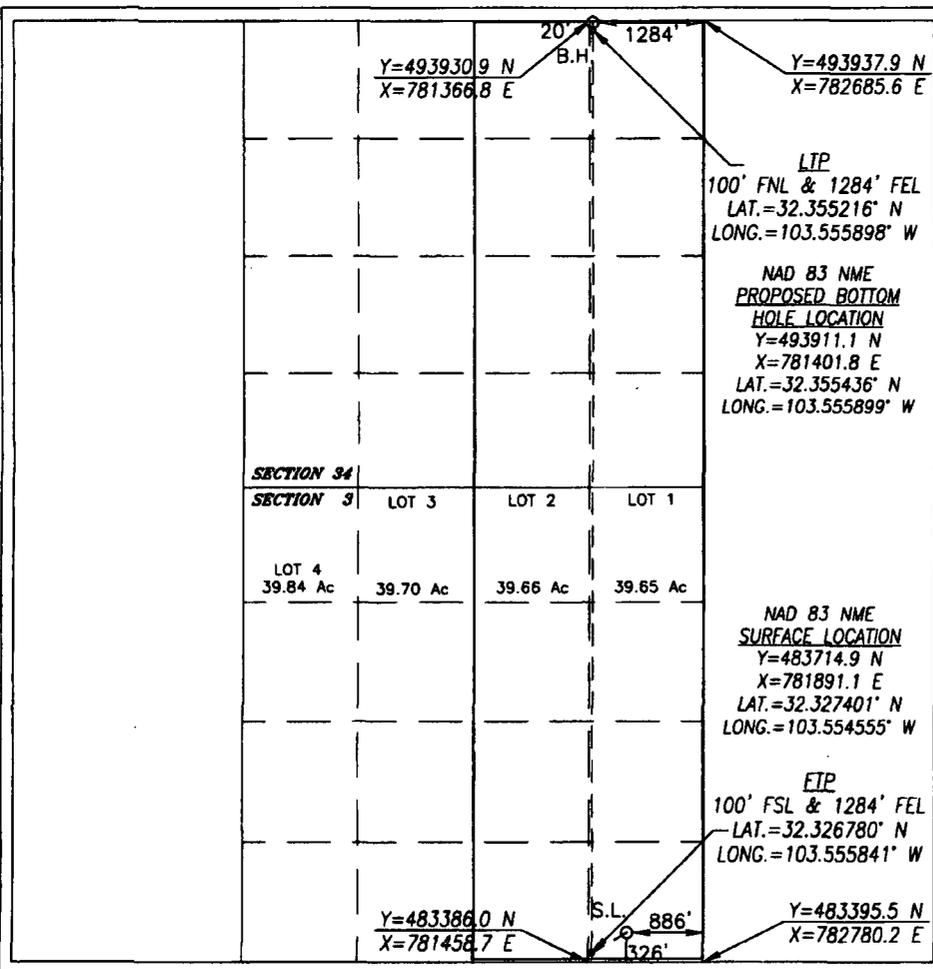
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	23-S	33-E		326	SOUTH	886	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	22-S	33-E		20	NORTH	1284	EAST	LEA

Dedicated Acres 639.19	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



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

*Rebecca Deal* 9/19/2018  
Signature Date  
Rebecca Deal, Regulatory Analyst  
Printed Name  
rebecca.deal@dvn.com  
E-mail Address

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

JUNE 4, 2018  
Date of Survey

Signature & Seal of Professional Surveyor

**CHAD L. HARCROW**  
NEW MEXICO  
17777  
LICENSED PROFESSIONAL SURVEYOR

*Chad Harcrow* 7/31/18  
Certificate No. CHAD HARCROW 17777  
W.O. # 18-889 DRAWN BY: CD

*DEFINING*

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (505) 393-6191 Fax: (505) 393-0720

DISTRICT II  
511 S. FIRST ST., ARTESIA, NM 88210  
Phone: (505) 748-1883 Fax: (505) 748-0720

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

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45073	Pool Code 7320	Pool Name BRINNINSTOOL; BONE SPRING
Property Code	Property Name NORTH THISTLE 3-34 STATE COM	Well Number 4H
OCRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3572.0'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	23-S	33-E		326	SOUTH	916	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	34	22-S	33-E		20	NORTH	2188	EAST	LEA

Dedicated Acres 639.19	Joint or Infill	Consolidation Code	Order No.
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<p>LTP 100' FNL &amp; 2188' FEL LAT.=32.355221' N LONG.=103.558826' W</p>	<p>Y=493923.9 N X=780048.0 E</p>	<p>20' B.H. 2188'</p>	<p>Y=493930.9 N X=781366.8 E</p>	<p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=493906.3 N X=780497.8 E LAT.=32.355441' N LONG.=103.558826' W</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature: <i>Rebecca Deal</i> Date: 9/19/2018 Rebecca Deal, Regulatory Analyst Printed Name rebecca.deal@dvn.com E-mail Address</p>
	<p>SECTION 34</p> <p>SECTION 3 LOT 3</p> <p>LOT 4 39.84 Ac 39.70 Ac</p> <p>LOT 2 39.66 Ac LOT 1 39.65 Ac</p>	<p>NAD 83 NME SURFACE LOCATION Y=483715.0 N X=781861.1 E LAT.=32.327402' N LONG.=103.554652' W</p>	<p>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.  JUNE 4, 2018 Date of Survey  Signature &amp; Seal of Professional Surveyor  CHAD L. HARGROW NEW MEXICO 17777 LICENSED PROFESSIONAL SURVEYOR <i>Chad Hargrow</i> 7/31/18 Certificate No. CHAD HARGROW 17777 W.O. # 18-888 DRAWN BY: CD</p>		
<p>FTP 100' FSL &amp; 2188' FEL LAT.=32.326781' N LONG.=103.558767' W</p>	<p>Y=483376.6 N X=780137.1 E</p>	<p>S.L. 916' 326'</p>	<p>Y=483386.0 N X=781458.7 E</p>		

INFILL

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 333-8181 Fax: (575) 393-9720

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

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

Form C-102  
Revised August 1, 2011  
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District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number 30-025-45075	Pool Code 7320	Pool Name BRINNINSTOOL;BONE SPRING
Property Code	Property Name NORTH THISTLE 3-34 STATE COM	Well Number 6H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION CO., L.P.	Elevation 3569.8'

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	3	23-S	33-E		326	SOUTH	856	EAST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	34	22-S	33-E		20	NORTH	380	EAST	LEA

Dedicated Acres 639.19	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

<p>Y=493930.9 N X=781366.8 E</p> <p>SECTION 34</p> <p>SECTION 3</p> <p>LOT 3</p> <p>LOT 4 39.84 Ac</p> <p>LOT 2</p> <p>LOT 1 39.65 Ac</p> <p>39.70 Ac</p> <p>39.66 Ac</p> <p>Y=483386.0 N X=781458.7 E</p>	<p>20' B.H.</p> <p>Y=493937.9 N X=782685.6 E</p> <p>LTP 100' FNL &amp; 380' FEL LAT.=32.355211 N LONG.=103.552971 W</p> <p>NAD 83 NME PROPOSED BOTTOM HOLE LOCATION Y=493915.9 N X=782305.8 E LAT.=32.355431' N LONG.=103.552971' W</p> <p>NAD 83 NME SURFACE LOCATION Y=483715.0 N X=781921.1 E LAT.=32.327401' N LONG.=103.554457' W</p> <p>FTP 100' FSL &amp; 380' FEL LAT.=32.326780 N LONG.=103.552914 W</p> <p>856'</p> <p>Y=483395.5 N X=782780.2 E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Rebecca Deal</i> 9/19/2018 Signature Date</p> <p>Rebecca Deal, Regulatory Analyst Printed Name</p> <p>rebecca.deal@dvn.com E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JUNE 4, 2018 Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor</p> <p></p> <p><i>Chad Hargrow</i> 7/31/18 Certificate No. CHAD HARGROW 17777 W.O. # 18-890 DRAWN BY: CD</p>

*INFILL*

**North Thistle 3 CTB**

**OWNER**

TLW Investments, LLC  
The Blanco Company  
NM State Land Office  
Attn: Marilyn Gruebel

**ADDRESS**

1001 Fannin St, , Suite 2020 Houston, TX 77002  
P.O. Box 25968 Albuquerque, NM 87125  
  
310 Old Santa Fe Trail, Santa Fe, NM 87501

**CERITFIED MAILING**

9414 8149 0152 7181 6250 68  
9414 8149 0152 7181 6250 75  
  
9414 8149 0152 7181 6250 82



October 19, 2018

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

Interest Owners

**Re: Central Tank Battery**  
**North Thistle 3 CTB 1**  
**Sec.,T, R: Sec. 3, T23S, R33E**  
**Lease: VO 8233, VO7248, VB 1937, & VB 1938**  
**API: 30-025-45070, 30-025-45071, 30-025-45072, 30-025-45073, 30-025-45074, & 30-025-45075**  
**Pool: Brinninstool, BS**  
**County: Lea Co., New Mexico**

Gentlemen:

The 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 aforementioned wells.

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.

Subsequently drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

Please contact the undersigned at (405) 552-7970, should you have any questions or need further information.

Sincerely,

Erin Workman,  
Regulatory Compliance Professional

**North Thistle 3 CTB 1**

**OWNER**

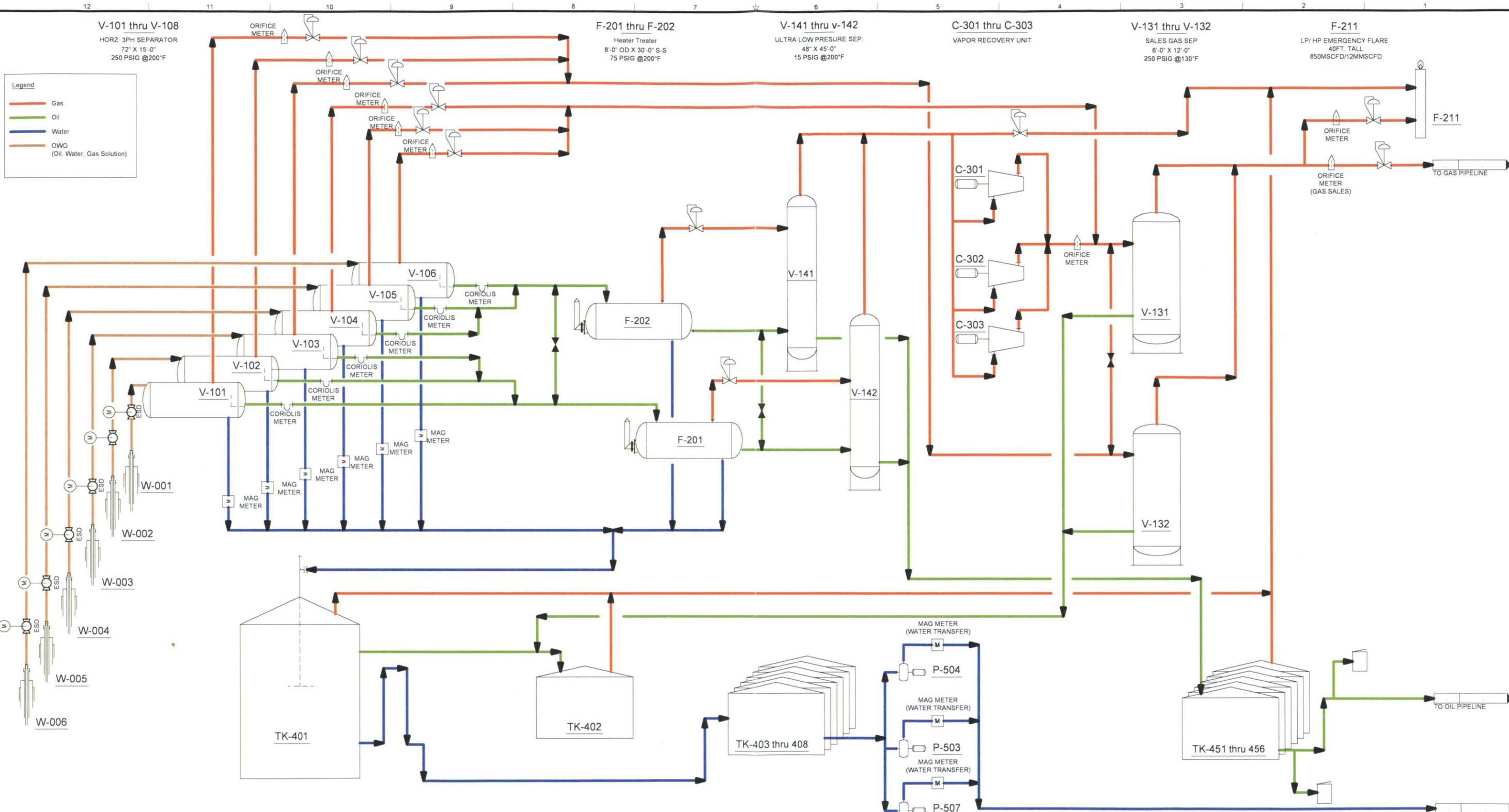
TLW Investments, LLC  
The Blanco Company  
NM State Land Office  
Attn: Marilyn Gruebel

**ADDRESS**

1001 Fannin St, , Suite 2020 Houston, TX 77002  
P.O. Box 25968 Albuquerque, NM 87125  
310 Old Santa Fe Trail, Santa Fe, NM 87501

**CERTIFIED MAILING Number**

9414 8149 0152 7181 6250 68  
9414 8149 0152 7181 6250 75  
9414 8149 0152 7181 6250 82



- W-001** North Thistle 3-34 State Com 1H
- W-002** North Thistle 3-34 State Com 2H
- W-003** North Thistle 3-34 State Com 3H
- W-004** North Thistle 3-34 State Com 4H
- W-005** North Thistle 3-34 State Com 5H
- W-006** North Thistle 3-34 State Com 6H
- TK-401** 1000 BBL GUN BARREL 30'-0" X 15'-6" 8 oz @ 0.5 oz VAC
- TK-402** 750 BBL BLOW DOWN TANK 24'-0" X 15'-6" 8 oz @ 0.5 oz VAC
- TK-403 thru 408** 750 BBL WATER TANK 24'-0" X 15'-6" 8 oz @ 0.5 oz VAC
- P-502 / P-503 / P-507** CENTRIFUGAL WATER TRANSFER PUMP PUMP MAKE & MODEL CHANGE SITE-BY-SITE
- TK-451 thru 456** 1000BBL TANK 30'-0" X 15'-6" 8 oz @ 0.5 oz VAC

**NOTES:**

- DEVON ENERGY SITE SECURITY PLAN LOCATED IN ARTESIA MAIN OFFICE.
- ALL METER NUMBER WILL BE SUPPLIED UPON RECEIPT.
- ALL VALVES WILL BE SEALED 30 MINUTES PRIOR TO SALES.

<b>DRAWING STATUS</b> ISSUED FOR: _____ DATE: _____ BY: _____ PHA: _____ BID: _____ CONSTRUCTION AS-BUILT: _____		DRAWN BY: J. YOCAM ENGINEERED BY: J. BODILY APPROVED BY: _____ DATE: 8/21/2018 DATE: 8/16/2018 DATE: _____	<b>Devon Energy Corporation</b> 333 West Sheridan Avenue, Oklahoma City, OK 73102-5015 <b>NORTH THISTLE 3          PROCESS FLOW DIAGRAM</b>
<b>CONFIDENTIAL</b> This drawing is the property of Devon Energy. Any reproduction, copying or unauthorized use of this drawing, or any part thereof, without the express written consent of Devon Energy is prohibited.		PROJECT No.: 1099 DRAWING No.: 120-01	
A ISSUED FOR APPROVAL 8/21/2018 JSY		FILE NAME: 1099-120-01 REV: A	

WUSA/CORPORATE/EDA/TA/ENG/TECHNOLOGY/DRAFTING/002/ARTESIA NM (DBBU)/NORTH THISTLE 3/PIPD/DWG1099-120-01.DWG LAST SAVED: 8/23/18 3:32 PM BY: YOCAMUJ PLOT SCALE: 0.5101:1 Printed: 8/23/18