

RECEIVED: <u>6/12/2017</u>	REVIEWER: <u>WAn</u>	TYPE: <u>C TB</u>	APP NO: <u>pm Am 1716347541</u>
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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 Company, LP **OGRID Number:** 6137
Well Name: Thistle Unit 55H, 56H, 57H, 58H, 61H, 62H, 63H, 64H, & 71H **API:** 30-025-41488, 30-025-41340, 30-025-41341, 30-025-41342, 30-025-41487, 30-025-41464, 30-025-41467, 30-025-41468, & 30-025-42425
Pool: Triple X; Bone Spring **Pool Code:** 59990

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

C TB-828

- 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.

06/08/2017

Date

Erin Workman

Print or Type Name

Phone Number

(405)552-7970**Erin.workman@dvn.com**

e-mail Address

Signature

Erin Workman



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

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

June 8, 2017

2017-06-12

Mr. Michael McMillan
State of New Mexico
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Central Tank Battery
Thistle Unit 55H, 56H, 57H, 58H, 61H, 62H, 63H, 64H, & 71H
Sec 22, T23S, R33E & Sec. 27, T23S, R33E
Lease: NMNM088526X
API: 30-025-41488, 30-025-41340, 30-025-41341, 30-025-41342, 30-025-41487,
30-025-41466, 30-025-41467, 30-025-41468, & 30-015-42425
Pool: Triple X; Bone Spring
County: Lea County, NM

Dear Mr. McMillan:

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

A copy of the Approved BLM application is attached.

The working interest, royalty interest and overriding royalty interest owners are not identical; notification has been sent via certified mail (see attached).

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,

Erin Workman
Regulatory Compliance Professional

Enclosures

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 ☐ Other (Conolis 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 (Well Test Method & Conolis Test)

(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 Prof DATE 06/08/17

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

E-MAIL ADDRESS Erin.workman@dvn.com

APPLICATION FOR A CENTRAL TANK BATTERY

Proposal for Thistle Unit Wells

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

Federal Lease NMNM88526C (PA)

Well Name	Location	API #	Pool 59900	BOPD	O.G.	MCFPD	BTU
Thistle Unit 55H	Sec. 22, SWSW, T23S, R33E	30-025-41488	Triple X; Bone Spring	131	42	308	1326.5
Thistle Unit 56H	Sec. 22, SWSE, T23S, R33E	30-025-41340	Triple X; Bone Spring	79	40	117	1331.4
Thistle Unit 57H	Sec. 22, SWSE, T23S, R33E	30-025-41341	Triple X; Bone Spring	63	41	53	1335.0
Thistle Unit 58H	Sec. 22, SWSE, T23S, R33E	30-025-41342	Triple X; Bone Spring	69	42	137	1331.0
Thistle Unit 61H	Sec. 22, SWSW, T23S, R33E	30-025-41487	Triple X; Bone Spring	122	40	259	1331.2
Thistle Unit 62H	Sec. 22, SWSE, T23S, R33E	30-025-41466	Triple X; Bone Spring	301	40	484	1322.6
Thistle Unit 63H	Sec. 22, SWSE, T23S, R33E	30-025-41467	Triple X; Bone Spring	146	40	408	1331.2
Thistle Unit 64H	Sec. 22, SWSE, T23S, R33E	30-025-41468	Triple X; Bone Spring	321	40	491	1331.2
Thistle Unit 71H	Sec. 27, NENE, T23S, R33E	30-025-42425	Triple X; Bone Spring	198	42	562	1335.5

Attached is a map that displays the lease and well locations in Section 22-T23S-R33E & Section 27, T23S, R33E

Oil & Gas metering:

The Thistle North Central Tank Battery is located in Sec 22, SESW, T23S, R33E in Lea County, New Mexico. The Thistle Unit 55H & 71H will flow into their own production header with isolation lines to route each well's production. From this point, one well will be on test and its production routed through test equipment. The Thistle Unit 56H, 57H, & 58H production will flow into their own production header with isolation lines to route each well's production. From this point, one well will be on test and its production routed through test equipment. The Thistle Unit 61H, 62H, 63H, & 64H production will flow into their own production header with isolation lines to route each well's production. From this point, one well will be on test and its production routed through test equipment. VRU will be allocated back to each well utilizing a percentage of each well's monthly oil production.

The Thistle Unit 55H, 56H, 57H, 58H, 61H, 62H, 63H, 64H & 71H have been on production for over a year and are in Range 3 of decline. These wells can be reasonably expected to have a decline rate of less than 5 percent, as specified in Hearing Order R-14299. Therefore, wells will be tested monthly for a minimum of 24 hours.

The Thistle North Central Tank Battery will have six oil tanks that all 9 wells will utilize. They will have a common Devon Point of Royalty Measurement Meter #390-33-289 on location in the northwest corner. Oil, gas, and water volumes from these wells will be determined by using a metering separator at the proposed facility. Oil will be sold through two common Smith LACT meters #10137763 & #P655652730.

The wells on test will flow into their own two phase separator, where after separation gas combines with gas from the three phase test separator and is routed to the dedicated gas allocation meter, then to Devon's Point of Royalty Measurement Meter #390-33-289. Produced water and oil are separated, the oil is then metered with the dedicated Micro Motion Coriolis Meter, then flows into an oil production line where it is combined with the other wells oil and flows into the test heater/treater, combines with all the other wells, and into one of the 500 bbl tanks. Any oil that is separated in the FWKO will be measured with a turbine before it combines and flows to the test heater treater. The water is metered utilizing a turbine meter, combines with the other wells on test and then flows into the test FWKO, and then into one of the 500 bbl produced water tanks.

The wells not on test will flow into their own production header, then into a common production line with the other wells not on test, and into the two phase production separator, then into a three phase separator. After separation, the gas will combine with the two phase production separator and the rest of the wells gas production, and flow into Devon's Point of Royalty Measurement Meter #390-33-289. The oil & water production will flow from the two phase separator into the three phase production separator. After separation, the oil from the 3-phase and FWKO will combine and flow into the heater treater, then route into one of the 500 bbl oil tanks. The water will flow into the three phase production separator, be measured by a turbine meter, then flow into the FWKO, combines with the water from the heater treater and route into the 500 bbl water tanks.

The Thistle Unit 55H & 71H production will flow into their designated header where production is routed to either the test two phase separator or production separator. The well on test will flow into a two phase separator, then into the three phase test separator. After separation, the gas will flow into the gas allocation meter #390-49-285, then flow into a production line with the other wells gas and into Devon's Point of Royalty Measurement Meter #390-33-289. The oil is measured with a Micro Motion Coriolis Meter SN 163269, combines with the other wells on the test side, and is routed into the test heater/treater. It then combines with oil from the wells on the production side and flows into one of the 500 bbl oil tanks. The water is metered using a turbine meter, it then combines with the water from the other wells on test and flows into the test FWKO, flows into a production line with the water from the heater/treater and routes to one of the 500 bbl water tanks.

The Thistle Unit 56H, 57H, & 58H production will flow into their designated header where production is routed to either the test two phase separator or production separator. The well on test will flow into a two phase separator, then into the three phase test separator. After separation, the gas will flow into the gas allocation meter #390-49-286 then to Devon's Point of Royalty Measurement Meter #390-33-289. The oil is measured with a Micro Motion Coriolis Meter S\N 163270, combines with the other wells on the test side, and is routed into the test heater\treater. It then combines with oil from the wells on the production side and flows into one of the 500 bbl oil tanks. The water is metered using a turbine meter, it then combines with the water from the other wells on test and flows into the test FWKO, flows into a production line with the water from the heater\treater and routes to one of the 500 bbl water tanks.

The Thistle Unit 61H, 62H, 63H, & 64H production will flow into their designated header where production is routed to either the test two phase separator or production separator. The well on test will flow into a two phase separator, then into the three phase test separator. After separation, the gas will flow into the gas allocation meter #390-49-287 then to Devon's Point of Royalty Measurement Meter #390-33-289. The oil is measured with a Micro Motion Coriolis Meter S\N 163273, combines with the other wells on the test side, and is routed into the test heater\treater. It then combines with oil from the wells on the production side and flows into one of the 500 bbl oil tanks. The water is metered using a turbine meter, it then combines with the water from the other wells on test and flows into the test FWKO, flows into a production line with the water from the heater\treater and routes to one of the 500 bbl water tanks.

Oil production will be allocated on a daily basis based the most recent well test for each well. The 55H & 71H will be metered with a Micro Motion Coriolis Meter S\N 163269, the 56H, 57H, & 58H will be metered with a Micro Motion Coriolis Meter S\N 163276, and the 61H, 62H, 63H, & 64H will be metered with a Micro Motion Coriolis Meter S\N 163273. These Coriolis meters utilized will be proven, as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter, the factor obtained will be used to allocate the production volumes. Gas production from the 55H & 71H will be allocated on a daily basis utilizing the gas allocation meter #390-49-285. Gas production from the 57H, 58H, & 59H will be allocated on a daily basis utilizing the gas allocation meter #390-49-286. Gas production from the 61H, 62H, 63H, & 64H will be allocated on a daily basis utilizing the gas allocation meter #390-49-287. The gas production from the production equipment, the test equipment, and the VRU meter #390-00-288 will commingle and flow through Devon's Point of Royalty Measurement Meter #390-33-289. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

Process and Flow Descriptions:

The flow of produced fluids is 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 2013-152. 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).

Signed 
Printed Name Brian Connolly
Title Production Engineer
Date 05/25/17

District I
1625 N French Dr Hobbs NM 88240
Phone (505) 39 6161 Fax (505) 9 0720
District II
311 S First St Artesia NM 88210
Phone (505) 748 1233 Fax (505) 748 9720
District III
1000 Rio Brazos Road Aztec NM 87410
Phone (505) 334 6175 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
HOBBS OCD
MAY 16 2014 ☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-41488		2 Pool Code 59900		3 Pool Name Triple X, Bone Spring	
4 Property Code 30884		5 Property Name THISTLE UNIT			6 Well Number 55H
7 OGRID No 6137		8 Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P			9 Elevation 3701.2

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	23 S	33 E		150	SOUTH	660	WEST	LEA

11 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	27	23 S	33 E		324.9	SOUTH	754	WEST	LEA
12 Dedicated Acres 160		13 Joint or Infill		14 Consolidation Code		15 Order No 717			

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

SEC 22 THISTLE UNIT #55H ELEV = 3701.2 LAT = 32.2833603 N (NAD83) LONG = 103.5666225 W NWSP EAST (FT) N = 467566.03 E = 778277.92 SURFACE LOCATION SW CORNER SEC. 22 LAT = 32.2829508 N LONG = 103.5687577 W SE CORNER SEC. 22 LAT = 32.2829770 N LONG = 103.5602131 W NWSP EAST (FT) N = 467512.36 E = 777619.12 SE CORNER SEC. 22 LAT = 32.2829770 N LONG = 103.5516688 W NWSP EAST (FT) N = 467541.76 E = 782900.10 660 589.40 45 W 2641.26 FT 589.40 58 W 2640.85 FT		SEC 27 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83) BASED. OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. SW CORNER SEC. 27 LAT = 32.2756899 N LONG = 103.5687542 W SE CORNER SEC. 27 LAT = 32.2757053 N LONG = 103.5516694 W NWSP EAST (FT) N = 464870.84 E = 777639.03 SE CORNER SEC. 27 LAT = 32.2757053 N LONG = 103.5516694 W NWSP EAST (FT) N = 464914.49 E = 782919.36 754 589.41 34 W 2640.54 FT 589.41 34 W 2640.54 FT	
11 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 undivided 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. <i>Megan Moravec</i> 5/12/2014 Signature Date Megan Moravec, Regulatory Analyst Printed Name Megan Moravec@dvn.com E-mail Address		12 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. OCTOBER 16 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number HILTON JARAMILLO PLS 12797 SURVEY NO 2108 V	

MAY 27 2014

Distric I
1625 N French Dr Hobbs NM 88240
Phone: (505) 946-6161 Fax: (505) 946-0720
Distric II
311 S First St Artesia NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
Distric III
1000 Rio Brazos Road Aztec NM 87410
Phone: (505) 1-8178 Fax: (505) 314-0170
Distric IV
1220 S St Francis Dr Santa Fe, NM 87505
Phone: (505) 176-460 Fax: (505) 470-462

State of New Mexico
Energy, Minerals & Natural Resources Department **HOBBS OGD**
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

JUL 21 2014

☐ AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41340		² Pool Code 59900		³ Pool Name Triple X, Bone Spring	
⁴ Property Code 30884		⁵ Property Name THISTLE UNIT			⁶ Well Number 56H
⁷ OGRID No 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L P			⁹ Elevation 3691.9

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23 S	33 E		150	SOUTH	2200	EAST	LEA

¹¹ 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
O	27	23 S	33 E		332 1949 1953	SOUTH		EAST	LEA
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ 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

	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 in, or an undivided 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 a voluntary pooling agreement or a completion, pooling order heretofore entered by the division. Signature: <u>Megan Moravec</u> Date: <u>4/7/2014</u> Megan Moravec, Regulatory Analyst Printed Name Megan Moravec@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. OCTOBER 17, 2013 Date of Survey Signature and Seal of Professional Surveyor Certificate Number: <u>ELIMON F JARAMILLO PLS 12797</u> SURVY NO 210918
	NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83) VALUES OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.
	SW CORNER SEC. 22 LAT = 32.2829508 N LONG = 103.5687577 W NMSP EAST (FT) N = 467512.38 E = 777619.12 SE CORNER SEC. 22 LAT = 32.2829270 N LONG = 103.5516694 W NMSP EAST (FT) N = 467541.16 E = 782900.10 SW CORNER SEC. 27 LAT = 32.2684419 N LONG = 103.5687493 W NMSP EAST (FT) N = 462234.07 E = 777659.32 SE CORNER SEC. 27 LAT = 32.2684152 N LONG = 103.5516675 W NMSP EAST (FT) N = 462262.38 E = 782919.28

JUL 28 2014

District I
1625 N French Dr Hobbs NM 88240
Phone (575) 393-6161 Fax (575) 393-0750
District II
811 S First St Artesia NM 88210
Phone (575) 748 1283 Fax (575) 748-9750
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

HOBBS OCD

APR 17 2014

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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

¹ API Number 30-025-41341		² Pool Code 59900	³ Pool Name Triple X, Bone Spring
⁴ Property Code 30884	⁵ Property Name THISTLE UNIT		⁶ Well Number 57H
⁷ OGRID No 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		⁹ Elevation 3691 3'

¹⁰ Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23 S	33 E		150	SOUTH	2150	EAST	LEA

¹¹ 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	27	23 S	33 E		328	SOUTH	2004	WEST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division

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. <i>Megan Moravec</i> 4/16/2014 Signature Date Megan Moravec, Regulatory Analyst Printed Name Megan.Moravec@dmv.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. OCTOBER 13 2014 NEW MEXICO Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number 12797 EDMUND P. JARAMILLO PLS 12797 SURVEY NO 21108
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MAY 05 2014

District I
1625 N French Dr Hobbs NM 88240
Phone (505) 393 6161 Fax (505) 393 6162
District II
311 S First St Artesa NM 88210
Phone (505) 748 128 Fax (505) 748 9720
District III
1000 Rio Brazos Rd Alamo NM 87001
Phone (505) 344 6175 Fax (505) 344 6170
District IV
1220 S St Francis Dr Santa Fe NM 87505
Phone (505) 476 3460 Fax (505) 476 3461

HOBBS OGD

APR 15 2014

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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

1 API Number 30-025-41342		2 Pool Code 59900		3 Pool Name Triple X, Bone Spring	
4 Property Code 30884		5 Property Name THISTLE UNIT			6 Well Number 58H
7 OGRID No 6137		8 Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P			9 Elevation 3691.1

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23 S	33 E		150	SOUTH	2100	EAST	LEA

11 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
P	27	23 S	33 E		347	SOUTH	593	EAST	LEA

10 Dedicated Acres 160	11 Joint or Infill	12 Consolidation Code	13 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

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 undivided 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 <i>Megan Moravec</i> 4/9/2014 Signature Date Megan Moravec, Regulatory Analyst Printed Name Megan Moravec@dmv.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 OCTOBER 16 2011 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number FILE NO F JARAMILLO PLS 12797 SURVEY NO 2111A	

PP 179' ESL & 1201 44' FFI Sec 22 T23S-R33E

JUL 15 2014

District I
1625 N French Dr Hobbs NM 88240
Phone (505) 748 6161 Fax (505) 748 0720
District II
8115 Trust St Artesia NM 88210
Phone (505) 748 128 Fax (505) 748 9720
District III
1000 Rio Brazos Road Aztec NM 87410
Phone (505) 344-6178 Fax (505) 344 6170
District IV
1220 S St Francis Dr Santa Fe NM 87505
Phone (505) 476 460 Fax (505) 476 462

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
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MAY 16 2014

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-41487		2 Pool Code 59900		3 Well Name Triple X, Bone Spring	
4 Property Code 30884		5 Property Name THISTLE UNIT			6 Well Number 61H
7 OGRID No 6137		8 Operator Name DEVON ENERGY PRODUCTION COMPANY, L P			9 Elevation 3701.8
10 Surface Location					
11 U or lot no M	12 Section 22	13 Township 23 S	14 Range 33 E	15 Lot Idn 200	16 North/South line SOUTH
17 Feet from the 666		18 East/West line WEST		19 County LEA	
10 Bottom Hole Location If Different From Surface					
20 U or lot no D	21 Section 22	22 Township 23 S	23 Range 33 E	24 Lot Idn 360 379	25 North/South line NORTH
26 Feet from the 666 674		27 East/West line WEST		28 County LEA	
29 Dedicated Acres 160		30 Joint or Infill		31 Consolidation Code	
32 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

N89 40'36"E 2638 92 FT NW CORNER SEC 22 LAT = 32 2974757N LONG = 103 5687592 W NMSP EAST (FT) N = 472796 48 E = 777580 98 666 BOTTOM OF HOLE THISTLE UNIT #61H ELEV = 3701.8 LAT = 32 2834977 N (NAD83) LONG = 103 5666225 W NMSP EAST (FT) N = 467716 01 E = 778277 57 200 SW CORNER SEC 22 LAT = 32 2829308 N LONG = 103 5687577 W NMSP EAST (FT) N = 467512 36 E = 777619 12 660 S29 40'45"W 2541 26 FT			N89 40'34"E 2641 35 FT N O CORNER SEC 22 LAT = 32 2974646 N LONG = 103 5602208 W NMSP EAST (FT) N = 472811 37 E = 780219 33 NOTE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83) BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE SE CORNER SEC 22 LAT = 32 2901991 N LONG = 103 5516779 W NMSP EAST (FT) N = 470187 30 E = 782878 31 500 23 41'E 2639 58 FT 500 28 19'E 2646 15 FT			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 undivided 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 <i>Megan Moravec</i> 5/1/2014 Signature Date Megan Moravec, Regulatory Analyst Printed Name Megan Moravec@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 OCTOBER 16, 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number 12797 JARAMILLO PLS 12797 SURVEY NO 21124		
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PP 210' FSL & 830' FWL, Sec 22, T23S, R33E

MAY 27 2014

OCT 30 2013

District I
1625 N French Dr Hobbs NM 88240
Phone (505) 391-6101 Fax (505) 391-0720
District II
311 S First St Artesia NM 88210
Phone (505) 748-1255 Fax (505) 748-9720
District III
1000 Rio Brizos Road Aztec NM 87410
Phone (505) 331-6178 Fax (505) 331-6170
District IV
1220 S St Francis Dr Santa Fe NM 87505
Phone (505) 476-1600 Fax (505) 476-4462

HOBBS OFFICE

OCT 25 2013

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Energy, Minerals & Natural Resources Department
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Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-41467		Pool Code 59900	Pool Name TRIPLE X, BONE SPRING
Property Code 30884	Property Name THISTLE UNIT		Well Number 63H
GRID No 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P		Elevation 3692.4

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23 S	33 E		450	SOUTH	2200	EAST	LEA

11 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	22	23 S	33 E		330	NORTH	1980	EAST	LEA

Dedicated Acres 160	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

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 my organization either owns a working interest or undivided 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 to be entered by the division <i>[Signature]</i> 10/24/2013 Signature Date David H Cook Regulatory Specialist Printed Name david.cook@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 OCTOBER 10 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number FIDILON PARRAYILLO PLS 12797 SURVEY NO 2114A	

OCT 30 2013

District I

1625 N French Dr Hobbs NM 88240

Phone (505) 661-6161 Fax (505) 661-6162

District II

311 S First St Artesia NM 88210

Phone (505) 748-1231 Fax (505) 748-9720

District III

1000 Rio Brazos Road Aztec NM 87410

Phone (505) 344-6178 Fax (505) 344-6170

District IV

1220 S St Francis Dr Santa Fe NM 87505

Phone (505) 476-4600 Fax (505) 476-4602

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Santa Fe, NM 87505

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 70-025-41468		2 Pool Code 59900		3 Pool Name TRIPLE X, BONE SPRING	
4 Property Code 30884		5 Property Name THISTLE UNIT			6 Well Number 64H
7 OGRID No 6137		8 Operator Name DEVON ENERGY PRODUCTION COMPANY, L P			9 Elevation 3692 7

10 Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	22	23 S	33 E		450	SOUTH	2150	EAST	LEA

11 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	22	23 S	33 E		330	NORTH	660	EAST	LEA

12 Dedicated Acres 160	13 Joint or Infill	14 Consolidation Code	15 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

N 89 40 36"E 2638 92 FT NW CORNER SEC 22 LAT = 32 2974757 N LONG = 103 5687592 W NMSP EAST (FT) N = 472796 48 E = 777580 98 NOTE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83) BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE DNF MO 24 49 W 2642 65 FT		N 89 40 34"E 2641 35 FT N O CORNER SEC 22 LAT = 32 2974646 N LONG = 103 5602208 W NMSP EAST (FT) N = 472811 37 E = 780219 33 NE CORNER SEC 22 LAT = 32 2974530 N LONG = 103 5516745 W NMSP EAST (FT) N = 472826 30 E = 782860 12 660 330 BOTTOM OF HOLE BOTTOM OF HOLE LAT = 32 2965474 N LONG = 103 5538108 W NMSP EAST (FT) N = 472492 01 E = 782202 42 500 23 41 E 2639 36 FT		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 <i>[Signature]</i> 10/24/2013 Signature Date David H Cook Regulatory Specialist Printed Name david.cook@dvn.com E mail Address	
MO 24 49 W 2642 65 FT SW CORNER SEC 22 LAT = 32 2829508 N LONG = 103 5687577 W NMSP EAST (FT) N = 467512 36 E = 777619 12 THISTLE UNIT #64H ELEV = 3692 7 LAT = 32 2841735 N (NAD83) LONG = 103 5586280 W NMSP EAST (FT) N = 467979 63 E = 780746 43 SURFACE LOCATION 450 2150 500 24 49 W 2642 65 FT		SE CORNER SEC 22 LAT = 32 2829270 N LONG = 103 5516698 W NMSP EAST (FT) N = 467541 76 E = 782900 10 500 28 19 E 2646 15 FT 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 OCTOBER 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number 12707 FILED IN F. JARAMILLO PLS 12707 SURVEY NO 2112A			
S 89 40 45"W 2641 26 FT S O CORNER SEC 22 LAT = 32 2829394 N LONG = 103 5602131 W NMSP EAST (FT) N = 467527 14 E = 780259 81		S 89 40 58"W 2640 85 FT			

OCT 30 2013

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

HOBBS OCD

AUG 05 2015

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42425		² Pool Code 59900		³ Pool Name Triple X, Bone Spring					
⁴ Property Code 30884		⁵ Property Name THISTLE UNIT						⁶ Well Number 71H	
⁷ GRID NO 6137		⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L. P.						⁹ Elevation 3681'	
¹⁰ Surface Location									
UL or lot no A	Section 27	Township 23S	Range 33E	Lot Idn	Feet from the 200	North/South line NORTH	Feet From the 632	East/West line EAST	County LEA
¹¹ Bottom Hole Location If Different From Surface									
UL or lot no P	Section 27	Township 23S	Range 33E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 586	East/West line EAST	County LEA
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No			

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

¹⁶ (C) N 89 40'34" E 2641 39' GEODETIC DATA NAD 83 GRID - NM EAST SURFACE LOCATION N 467338 2 - E 782269 6 LAT 32 28238022 N LONG 103 55371456 W BOTTOM HOLE LOCATION N 462589 0 - E 782304 9 LAT 32 26932568 N LONG 103 55371215 W CORNER DATA NAD 83 GRID - NM EAST A FOUND 1/2 REBAR N 462234 1 - E 777659 3 B FOUND BRASS CAP 1918 N 464871 0 - E 777639 0 C FOUND NAIL N 467512 3 - E 777619 1 D FOUND BRASS CAP 1918 N 467527 2 - E 780259 9 E FOUND BRASS CAP 1918 N 467541 7 - E 782900 1 F FOUND BRASS CAP 1918 N 464914 6 - E 782919 6 G FOUND 1/2" IRON ROD N 462262 4 - E 782939 3 (B) N 00 25 52" W 2641 89 (A) N 00 26'35" W 2637 42 (D) S 89 41'02" W 2640 76 (E) 200' (F) S 00 25 27" E 2627 69 (G) S 00 25 37" E 2652 83 27 S 00'25'31" E (GRID) 4,750 29' (HORIZ) 586' 330'		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 Signature <u>Megan Moravec</u> Date <u>7/20/2015</u> Megan Moravec, Regulatory Analyst Printed Name Megan Moravec@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 12/10/14 Date of Survey Signature and Seal of Professional Surveyor 20451 Certificate Number RICHARD E. BROOKS NEW MEXICO PROFESSIONAL SURVEYOR 20451
--	--	---



Devon Energy Production Company
333 W. Shendan Avenue
Oklahoma City, Oklahoma 73102
Phone (405)-552-7970
Erin Workman@devon.com

June 8, 2017

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Central Tank Battery
Thistle Unit 55H, 56H, 57H, 58H, 61H, 62H, 63H, 64H, & 71H
Sec 22, T23S, R33E & Sec. 27, T23S, R33E
Lease: NMNM088526X
API: 30-025-41488, 30-025-41340, 30-025-41341, 30-025-41342, 30-025-41487,
30-025-41466, 30-025-41467, 30-025-41468, & 30-015-42425
Pool: Triple X; Bone Spring
County: Lea County, NM

To whom it may concern:

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 above mentioned wells.

A copy of the BLM Approved application 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 anything further.

Sincerely,

Devon Energy Production Company, L.P.

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

Erin Workman
Regulatory Compliance Professional

E-CERTIFIED MAILING LIST

Commingle Mailing Reference **Thistle North CTB**

<u>Repondent Name/Address:</u>	<u>E-Certified Mailing Number:</u>
ConocoPhillips Company 600 North Dairy Ashford Houston, Texas 77079	9414 8149 0152 7181 2774 65
Trainer Partners, Ltd P O Box 3788 Midland, Texas 79702	9414 8149 0152 7181 2774 72
Performance Oil & Gas Company 5400 Lyndon B Johnson Freeway, Suite 1500 Dallas, Texas 75240-1017	9414 8149 0152 7181 2774 89
Angelo Holdings LLC P O Box 50086 Midland, Texas 79710	9414 8149 0152 7181 2774 96
Lucille H Pipkin Trust Stuart D Shanor and Howard C Kastler Co-Trustees P O Box 1174 Roswell, NM 88202-1174	9414 8149 0152 7181 2775 02
Commission of Public Lands New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe, NM 87501	9414 8149 0152 7181 2775 19
Joseph William Foran and Nancy N Foran One Lincoln Center, Suite 1500 5400 LBJ Freeway Dallas, TX 75240-1017	9414 8149 0152 7181 2775 26
Magnum Hunter Production, Inc 202 S Cheyenne, Suite 1000 Tulsa, OK 74103	9414 8149 0152 7181 2775 33
Mitchell Exploration Inc 6212 Homestead Blvd Midland, TX 79707	9414 8149 0152 7181 2775 40



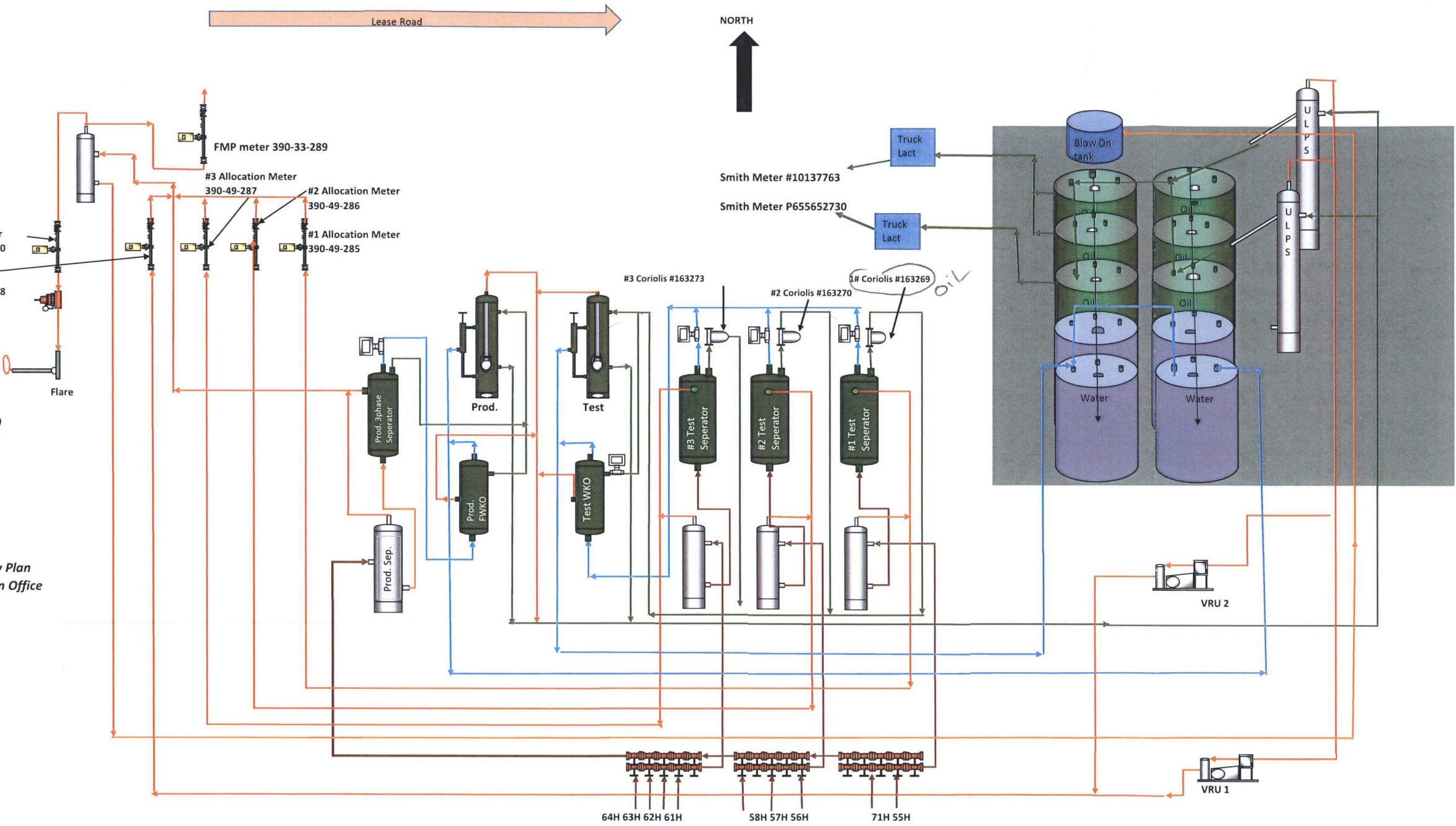
Thistle North CTB
Sec. 22.T23S-R33E
Lea County, NM
Lease: NMNM088526X

PROCESS FLOW DIAGRAM

Production System
Closed

All valves will be sealed 30
minutes prior to sales

Note:
Devon Energy Site Security Plan
located in the Artesia Main Office



BATTERY_NAME THISTLE NORTH CENTRAL CTB

NAME	FCST_DATE	Sum of GROSS_OIL_bopd
THISTLE UNIT 55H	1/1/2016 0 00	91 0645218
THISTLE UNIT 55H	2/1/2016 0 00	136 93103
THISTLE UNIT 55H	3/1/2016 0 00	133 354843
THISTLE UNIT 55H	4/1/2016 0 00	115 5
THISTLE UNIT 55H	5/1/2016 0 00	110 806442
THISTLE UNIT 55H	6/1/2016 0 00	110 366669
THISTLE UNIT 55H	7/1/2016 0 00	113 516113
THISTLE UNIT 55H	8/1/2016 0 00	111 451614
THISTLE UNIT 55H	9/1/2016 0 00	94 5999985
THISTLE UNIT 55H	10/1/2016 0 00	97 1613007
THISTLE UNIT 55H	11/1/2016 0 00	96 0666656
THISTLE UNIT 55H	12/1/2016 0 00	63 5806465
THISTLE UNIT 55H	1/1/2017 0 00	89 2580566
THISTLE UNIT 55H	2/1/2017 0 00	68 8571472
THISTLE UNIT 55H	3/1/2017 0 00	64 2903214
THISTLE UNIT 55H	4/1/2017 0 00	77 134819
THISTLE UNIT 55H	5/1/2017 0 00	75 0934677
THISTLE UNIT 55H	6/1/2017 0 00	73 1568375
THISTLE UNIT 55H	7/1/2017 0 00	71 3181076
THISTLE UNIT 55H	8/1/2017 0 00	69 5413437
THISTLE UNIT 55H	9/1/2017 0 00	67 8773575
THISTLE UNIT 55H	10/1/2017 0 00	66 2915497
THISTLE UNIT 55H	11/1/2017 0 00	64 7777786
THISTLE UNIT 55H	12/1/2017 0 00	63 331955
THISTLE UNIT 55H	1/1/2018 0 00	61 9269257
THISTLE UNIT 55H	2/1/2018 0 00	60 6461372
THISTLE UNIT 55H	3/1/2018 0 00	59 4181099
THISTLE UNIT 55H	4/1/2018 0 00	58 1991081
THISTLE UNIT 55H	5/1/2018 0 00	57 0293808
THISTLE UNIT 55H	6/1/2018 0 00	55 9055138
THISTLE UNIT 55H	7/1/2018 0 00	54 8253059
THISTLE UNIT 55H	8/1/2018 0 00	53 7692375
THISTLE UNIT 55H	9/1/2018 0 00	52 7690697
THISTLE UNIT 55H	10/1/2018 0 00	51 8056221
THISTLE UNIT 55H	11/1/2018 0 00	50 8765411
THISTLE UNIT 55H	12/1/2018 0 00	49 980381
THISTLE UNIT 55H	1/1/2019 0 00	49 101223
THISTLE UNIT 55H	2/1/2019 0 00	48 2926331
THISTLE UNIT 55H	3/1/2019 0 00	47 5106697
THISTLE UNIT 55H	4/1/2019 0 00	46 7280998
THISTLE UNIT 55H	5/1/2019 0 00	45 9710312
THISTLE UNIT 55H	6/1/2019 0 00	45 2379723
THISTLE UNIT 55H	7/1/2019 0 00	44 5280571
THISTLE UNIT 55H	8/1/2019 0 00	43 8289108
THISTLE UNIT 55H	9/1/2019 0 00	43 1620941
THISTLE UNIT 55H	10/1/2019 0 00	42 515358
THISTLE UNIT 55H	11/1/2019 0 00	41 8876266
THISTLE UNIT 55H	12/1/2019 0 00	41 2782516
THISTLE UNIT 55H	1/1/2020 0 00	40 5664101
THISTLE UNIT 55H	2/1/2020 0 00	40 0037231
THISTLE UNIT 55H	3/1/2020 0 00	39 456604
THISTLE UNIT 55H	4/1/2020 0 00	38 9153748
THISTLE UNIT 55H	5/1/2020 0 00	38 3888626
THISTLE UNIT 55H	6/1/2020 0 00	37 8763466
THISTLE UNIT 55H	7/1/2020 0 00	37 3773994
THISTLE UNIT 55H	8/1/2020 0 00	36 8835258
THISTLE UNIT 55H	9/1/2020 0 00	36 4101601
THISTLE UNIT 55H	10/1/2020 0 00	35 9488602
THISTLE UNIT 55H	11/1/2020 0 00	35 4990387
THISTLE UNIT 55H	12/1/2020 0 00	35 0603943
THISTLE UNIT 55H	1/1/2021 0 00	34 7197838
THISTLE UNIT 55H	2/1/2021 0 00	34 3135643
THISTLE UNIT 55H	3/1/2021 0 00	33 9168968

NAME	FCST_DATE	Sum of GROSS_OIL_bopd
THISTLE UNIT 55H	4/1/2021 0 00	33 5162086
THISTLE UNIT 55H	5/1/2021 0 00	33 1249237
THISTLE UNIT 55H	6/1/2021 0 00	32 74263
THISTLE UNIT 55H	7/1/2021 0 00	32 3690987
THISTLE UNIT 55H	8/1/2021 0 00	31 9980602
THISTLE UNIT 55H	9/1/2021 0 00	31 6411896
THISTLE UNIT 55H	10/1/2021 0 00	31 2922344
THISTLE UNIT 55H	11/1/2021 0 00	30 9508476
THISTLE UNIT 55H	12/1/2021 0 00	30 6168766
THISTLE UNIT 56H	1/1/2016 0 00	92 0645294
THISTLE UNIT 56H	2/1/2016 0 00	34 034481
THISTLE UNIT 56H	3/1/2016 0 00	76 7741928
THISTLE UNIT 56H	4/1/2016 0 00	72 4666824
THISTLE UNIT 56H	5/1/2016 0 00	74 4193497
THISTLE UNIT 56H	6/1/2016 0 00	59 5333366
THISTLE UNIT 56H	7/1/2016 0 00	66 0645218
THISTLE UNIT 56H	8/1/2016 0 00	66 8709564
THISTLE UNIT 56H	9/1/2016 0 00	65 8333359
THISTLE UNIT 56H	10/1/2016 0 00	63 935482
THISTLE UNIT 56H	11/1/2016 0 00	61
THISTLE UNIT 56H	12/1/2016 0 00	65 838707
THISTLE UNIT 56H	1/1/2017 0 00	68 4193573
THISTLE UNIT 56H	2/1/2017 0 00	63 3928642
THISTLE UNIT 56H	3/1/2017 0 00	60 6451607
THISTLE UNIT 56H	4/1/2017 0 00	55 8072586
THISTLE UNIT 56H	5/1/2017 0 00	54 4990158
THISTLE UNIT 56H	6/1/2017 0 00	53 2503929
THISTLE UNIT 56H	7/1/2017 0 00	52 0579987
THISTLE UNIT 56H	8/1/2017 0 00	50 8994255
THISTLE UNIT 56H	9/1/2017 0 00	49 8086624
THISTLE UNIT 56H	10/1/2017 0 00	48 7639122
THISTLE UNIT 56H	11/1/2017 0 00	47 7618523
THISTLE UNIT 56H	12/1/2017 0 00	46 8003769
THISTLE UNIT 56H	1/1/2018 0 00	45 8619041
THISTLE UNIT 56H	2/1/2018 0 00	45 0028687
THISTLE UNIT 56H	3/1/2018 0 00	44 1759377
THISTLE UNIT 56H	4/1/2018 0 00	43 3519936
THISTLE UNIT 56H	5/1/2018 0 00	42 5583839
THISTLE UNIT 56H	6/1/2018 0 00	41 7931595
THISTLE UNIT 56H	7/1/2018 0 00	41 0551071
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THISTLE UNIT 56H	9/1/2018 0 00	39 643261
THISTLE UNIT 56H	10/1/2018 0 00	38 9785805
THISTLE UNIT 56H	11/1/2018 0 00	38 3357201
THISTLE UNIT 56H	12/1/2018 0 00	37 7138138
THISTLE UNIT 56H	1/1/2019 0 00	37 102005
THISTLE UNIT 56H	2/1/2019 0 00	36 5378151
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THISTLE UNIT 56H	8/1/2019 0 00	33 3969612
THISTLE UNIT 56H	9/1/2019 0 00	32 9239197
THISTLE UNIT 56H	10/1/2019 0 00	32 4641533
THISTLE UNIT 56H	11/1/2019 0 00	32 016983
THISTLE UNIT 56H	12/1/2019 0 00	31 5820351
THISTLE UNIT 56H	1/1/2020 0 00	31 0673313
THISTLE UNIT 56H	2/1/2020 0 00	30 6641731
THISTLE UNIT 56H	3/1/2020 0 00	30 2714634
THISTLE UNIT 56H	4/1/2020 0 00	29 8823032
THISTLE UNIT 56H	5/1/2020 0 00	29 5030727
THISTLE UNIT 56H	6/1/2020 0 00	29 1332989
THISTLE UNIT 56H	7/1/2020 0 00	28 7727261
THISTLE UNIT 56H	8/1/2020 0 00	28 4152527

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THISTLE UNIT 56H	12/1/2020 0 00	27 0906658
THISTLE UNIT 56H	1/1/2021 0 00	26 8464565
THISTLE UNIT 56H	2/1/2021 0 00	26 5498409
THISTLE UNIT 56H	3/1/2021 0 00	26 2598076
THISTLE UNIT 56H	4/1/2021 0 00	25 9664612
THISTLE UNIT 56H	5/1/2021 0 00	25 6796322
THISTLE UNIT 56H	6/1/2021 0 00	25 3990364
THISTLE UNIT 56H	7/1/2021 0 00	25 1245384
THISTLE UNIT 56H	8/1/2021 0 00	24 8515377
THISTLE UNIT 56H	9/1/2021 0 00	24 5886555
THISTLE UNIT 56H	10/1/2021 0 00	24 3313065
THISTLE UNIT 56H	11/1/2021 0 00	24 079258
THISTLE UNIT 56H	12/1/2021 0 00	23 8324089
THISTLE UNIT 57H	1/1/2016 0 00	102 129028
THISTLE UNIT 57H	2/1/2016 0 00	99 4482803
THISTLE UNIT 57H	3/1/2016 0 00	77 8387146
THISTLE UNIT 57H	6/1/2016 0 00	33 3666687
THISTLE UNIT 57H	7/1/2016 0 00	76 6128998
THISTLE UNIT 57H	8/1/2016 0 00	103 999992
THISTLE UNIT 57H	9/1/2016 0 00	103 866669
THISTLE UNIT 57H	10/1/2016 0 00	107 225807
THISTLE UNIT 57H	11/1/2016 0 00	87 3666763
THISTLE UNIT 57H	12/1/2016 0 00	69 6451569
THISTLE UNIT 57H	1/1/2017 0 00	85 0322571
THISTLE UNIT 57H	2/1/2017 0 00	86 9642868
THISTLE UNIT 57H	3/1/2017 0 00	81 6128998
THISTLE UNIT 57H	4/1/2017 0 00	86 7227478
THISTLE UNIT 57H	5/1/2017 0 00	84 413002
THISTLE UNIT 57H	6/1/2017 0 00	82 2337418
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THISTLE UNIT 57H	4/1/2018 0 00	65 7501907
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THISTLE UNIT 57H	7/1/2018 0 00	62 1041183
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THISTLE UNIT 57H	7/1/2019 0 00	51 0907211
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THISTLE UNIT 57H	12/1/2019 0 00	47 6399422
THISTLE UNIT 57H	1/1/2020 0 00	47 0020065
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NAME	FCST_DATE	Sum of GROSS_OIL_bopd
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THISTLE UNIT 57H	11/1/2020 0 00	41 5013657
THISTLE UNIT 57H	12/1/2020 0 00	41 0366592
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THISTLE UNIT 57H	2/1/2021 0 00	40 1477318
THISTLE UNIT 57H	3/1/2021 0 00	39 7779579
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THISTLE UNIT 57H	12/1/2021 0 00	36 3366737
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THISTLE UNIT 58H	2/1/2016 0 00	91 2758636
THISTLE UNIT 58H	3/1/2016 0 00	92 1935577
THISTLE UNIT 58H	4/1/2016 0 00	93 7333374
THISTLE UNIT 58H	5/1/2016 0 00	84 8709717
THISTLE UNIT 58H	6/1/2016 0 00	73 6666718
THISTLE UNIT 58H	7/1/2016 0 00	79 548378
THISTLE UNIT 58H	8/1/2016 0 00	69 5161285
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THISTLE UNIT 58H	11/1/2016 0 00	68 7999954
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THISTLE UNIT 58H	8/1/2018 0 00	52 9924622
THISTLE UNIT 58H	9/1/2018 0 00	52 2204857
THISTLE UNIT 58H	10/1/2018 0 00	51 4653435
THISTLE UNIT 58H	11/1/2018 0 00	50 7263718
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THISTLE UNIT 58H	2/1/2019 0 00	48 6137886
THISTLE UNIT 58H	3/1/2019 0 00	47 9573479
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THISTLE UNIT 58H	5/1/2019 0 00	46 6412315
THISTLE UNIT 58H	6/1/2019 0 00	46 0033569
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NAME	FCST_DATE	Sum of GROSS_OIL_bopd
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THISTLE UNIT 58H	11/1/2019 0 00	42 9929237
THISTLE UNIT 58H	12/1/2019 0 00	42 4282455
THISTLE UNIT 58H	1/1/2020 0 00	41 7519608
THISTLE UNIT 58H	2/1/2020 0 00	41 2208939
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THISTLE UNIT 58H	6/1/2020 0 00	39 170639
THISTLE UNIT 58H	7/1/2020 0 00	38 6800041
THISTLE UNIT 58H	8/1/2020 0 00	38 1906929
THISTLE UNIT 58H	9/1/2020 0 00	37 7182465
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THISTLE UNIT 58H	11/1/2020 0 00	36 7993469
THISTLE UNIT 58H	12/1/2020 0 00	36 3524437
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THISTLE UNIT 58H	4/1/2021 0 00	34 755127
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THISTLE UNIT 58H	6/1/2021 0 00	33 9406509
THISTLE UNIT 58H	7/1/2021 0 00	33 5441322
THISTLE UNIT 58H	8/1/2021 0 00	33 1481628
THISTLE UNIT 58H	9/1/2021 0 00	32 7653694
THISTLE UNIT 58H	10/1/2021 0 00	32 3892059
THISTLE UNIT 58H	11/1/2021 0 00	32 0194473
THISTLE UNIT 58H	12/1/2021 0 00	31 6560192
THISTLE UNIT 61H	1/1/2016 0 00	89 6451645
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THISTLE UNIT 61H	4/1/2016 0 00	99 5999985
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THISTLE UNIT 61H	7/1/2016 0 00	94 1935425
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THISTLE UNIT 61H	11/1/2016 0 00	85 4999924
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THISTLE UNIT 61H	2/1/2017 0 00	86 3214264
THISTLE UNIT 61H	3/1/2017 0 00	83 8709641
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THISTLE UNIT 61H	5/1/2017 0 00	82 5280609
THISTLE UNIT 61H	6/1/2017 0 00	81 2966766
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THISTLE UNIT 61H	10/1/2018 0 00	65 336319
THISTLE UNIT 61H	11/1/2018 0 00	64 5257645
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THISTLE UNIT 61H	1/1/2019 0 00	62 945446

NAME	FCST_DATE	Sum of GROSS_OIL_bopd
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THISTLE UNIT 61H	5/1/2019 0 00	60 0547028
THISTLE UNIT 61H	6/1/2019 0 00	59 3577614
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THISTLE UNIT 61H	8/1/2019 0 00	57 9959793
THISTLE UNIT 61H	9/1/2019 0 00	57 341259
THISTLE UNIT 61H	10/1/2019 0 00	56 6997948
THISTLE UNIT 61H	11/1/2019 0 00	56 071064
THISTLE UNIT 61H	12/1/2019 0 00	55 4548378
THISTLE UNIT 61H	1/1/2020 0 00	54 6918488
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THISTLE UNIT 61H	4/1/2021 0 00	47 0710297
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THISTLE UNIT 61H	11/1/2021 0 00	44 0671997
THISTLE UNIT 61H	12/1/2021 0 00	43 6670914
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THISTLE UNIT 62H	3/1/2016 0 00	181 677414
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THISTLE UNIT 62H	6/1/2016 0 00	171 46666
THISTLE UNIT 62H	7/1/2016 0 00	174 580627
THISTLE UNIT 62H	8/1/2016 0 00	157 128998
THISTLE UNIT 62H	9/1/2016 0 00	146 899994
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THISTLE UNIT 62H	4/1/2018 0 00	94 6476517
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NAME	FCST_DATE	Sum of GROSS_OIL_bopd
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THISTLE UNIT 62H	10/1/2018 0 00	84 0924301
THISTLE UNIT 62H	11/1/2018 0 00	82 541481
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THISTLE UNIT 62H	6/1/2019 0 00	73 043602
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THISTLE UNIT 63H	9/1/2017 0 00	57 9292908
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NAME	FCST_DATE	Sum of GROSS_OIL_bopd
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THISTLE UNIT 63H	4/1/2018 0 00	49 3467789
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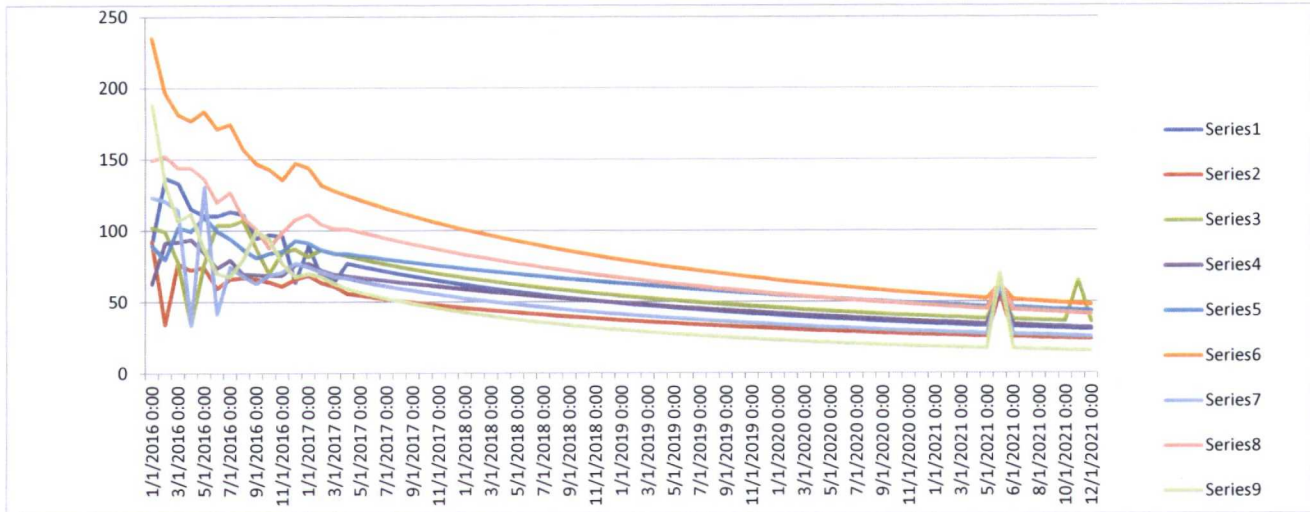
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%/mo Decline:	0.17%	2.14%	1.67%	-1.91%	-0.16%	3.23%	3.29%	2.11%	5.24%



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office

Operator Copy

FORM APPROVED
OMB NO 1004-0137
Expires January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on page 2**

1 Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5 Lease Serial No STATE
2 Name of Operator DEVON ENERGY PRODUCTION COMPANY		6 If Indian, Allottee or Tribe Name
Contact ERIN WORKMAN Erin.workman@devn.com		7 If Unit or CA/Agreement, Name and/or No NMNM88526X
3a Address 6488 SEVEN RIVERS HIGHWAY ARTESIA, NM 88211	3b Phone No (include area code) Ph 405-552-7970	8 Well Name and No Multiple--See Attached
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Multiple--See Attached		9 API Well No Multiple--See Attached
		10 Field and Pool or Exploratory Area TRIPLE X
		11 County or Parish, State LEA COUNTY, NM

12 CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Surface Commingling
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13 Describe Proposed or Completed Operation Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Devon Energy Production Company, LP respectfully requests approval for Surface Commingling due to diverse ownership of the following wells

Thistle Unit 55H
Sec 22, SWSW, T23S, R33E
30-025-41488
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 56H
Sec 22, SWSE, T23S, R33E

MAY 14 2017
Artesia, N.M.

All wells on THE SAME unit / NOT commingling by BLM / BLM HAS NO ISSUES

14 I hereby certify that the foregoing is true and correct		WITH APPROVAL	
Electronic Submission #375513 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COM LP, sent to the Hobbs Committed to AFMSS for processing by DUNCAN WHITLOCK on 05/09/2017 (17DW0061SE)			
Name (Printed/Typed) ERIN WORKMAN	Title REGULATORY COMPLIANCE PROF		
Signature (Electronic Submission)	Date 05/09/2017		

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>J. D. Whitlock</i>	Title <i>7C PET</i>	Date <i>5/9/17</i>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <i>CFO</i>

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.

(Instructions on page 2)

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

Additional data for EC transaction #375513 that would not fit on the form

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM88526X	STATE	THISTLE UNIT 55H	30-025-41488-00-S1	Sec 22 T23S R33E SWSW 150FSL 660FWL
NMNM88526X	STATE	THISTLE UNIT 56H	30-025-41340-00-S1	Sec 22 T23S R33E SWSE 150FSL 2200FEL
NMNM88526X	STATE	THISTLE UNIT 57H	30-025-41341-00-S1	Sec 22 T23S R33E SWSE 150FSL 2150FEL
NMNM88526X	STATE	THISTLE UNIT 58H	30-025-41342-00-S1	Sec 22 T23S R33E SWSE 150FSL 2100FWL
NMNM88526X	STATE	THISTLE UNIT 61H	30-025-41487-00-S1	Sec 22 T23S R33E SWSW 200FSL 660FWL
NMNM88526X	STATE	THISTLE UNIT 62H	30-025-41466-00-S1	Sec 22 T23S R33E SWSE 450FSL 2250FEL
NMNM88526X	STATE	THISTLE UNIT 63H	30-025-41467-00-S1	Sec 22 T23S R33E SWSE 450FSL 2200FEL
NMNM88526X	STATE	THISTLE UNIT 64H	30-025-41468-00-S1	Sec 22 T23S R33E SWSE 450FSL 2150FEL
NMNM88526X	STATE	THISTLE UNIT 71H	30-025-42425-00-S1	Sec 27 T23S R33E NENE 200FNL 632FEL

32 Additional remarks, continued

30-025-41340
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 57H
Sec 22, SWSE, T23S, R33E
30-025-41341
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 58H
Sec 22, SWSE, T23S, R33E
30-025-41342
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 61H
Sec 22, SWSW, T23S, R33E
30-025-41487
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 62H
Sec 22, SWSE, T23S, R33E
30-025-41466
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 63H
Sec 22, SWSE, T23S, R33E
30-025-41467
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 64H
Sec 22, SWSE, T23S, R33E
30-025-41468
Triple X, Bone Spring
Lease NMNM88526C

Thistle Unit 71H
Sec 22, NENE, T23S, R33E
30-025-42425
Triple X, Bone Spring
Lease NMNM88526C

The Thistle North Central Tank Battery is located in Sec 22, SESW, T23S, R33E in Lea County, New Mexico. The Thistle Unit 55H & 71H will flow into their own production header with isolation lines to route each wells production. From this point, one well will be on test and its production routed through test equipment. The Thistle Unit 56H, 57H, & 58H production will flow into their own production header with isolation lines to route each wells production. From this point, one well will be on test and its production routed through test equipment. The Thistle Unit 61H, 62H, 63H, & 64H production will flow into their own production header with isolation lines to route each wells production. From this point, one well will be on test and its production routed through test equipment. VRU will be allocated back to each well utilizing a percentage of each wells monthly oil production.

The Thistle North Central Tank Battery will have six oil tanks that all 9 wells will utilize. They