

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

## 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 reverse side.

|   |   |   |
|---|---|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other                    |   | 5. Lease Serial No.<br>STATE                              |
| 2. Name of Operator<br>DEVON ENERGY PRODUCTION CO EMail: Erin.workman@dvn.com   |   | 6. If Indian, Allottee or Tribe Name                      |
| 3a. Address<br>333 WEST SHERIDAN AVE<br>OKLAHOMA CITY, OK 73102   | 3b. Phone No. (include area code)<br>Ph: 405-552-7970 | 7. If Unit or CA/Agreement, Name and/or No.<br>NMNM88526C |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 33 T23S R33E SESW 350FSL 1980FWL<br>32.254926 N Lat, 103.579334 W Lon |   | 8. Well Name and No.<br>THISTLE UNIT 44H                  |
|   |   | 9. API Well No.<br>30-025-41032-00-S1                     |
|   |   | 10. Field and Pool, or Exploratory<br>TRIPLE X            |
|   |   | 11. County or Parish, and State<br>LEA COUNTY, NM         |

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

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off   |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity   |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | Surface Commingling                       |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> 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 recompleat 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall 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 the Thistle Unit 44H battery wells due to diverse ownership of the following wells:

Thistle Unit 43H  
Sec. 33, SWSW, T23S, R33E  
30-025-40898  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 44H  
Sec. 33, SESW, T23S, R33E

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #350456 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Hobbs  
Committed to AFMS for processing by PRISCILLA PEREZ on 09/08/2016 (16PP1100SE)

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Name (Printed/Typed) ERIN WORKMAN | Title REGULATORY COMPLIANCE PROF. |
| Signature (Electronic Submission) | Date 09/08/2016                   |

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

|   |             |            |
|---|-------------|------------|
| Approved By _____   | Title _____ | Date _____ |
| 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 _____  |             |            |

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

**Additional data for EC transaction #350456 that would not fit on the form**

**32. Additional remarks, continued**

30-025-41032  
Triple X; Bone Spring ✓  
Lease NMNM88526C

Thistle Unit 46H  
Sec. 33, SESW, T23S, R33E  
30-025-41118 ✓  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 47H  
Sec. 34, SESW, T23S, R33E  
30-025-41252 ✓  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 48H  
Sec. 34, SWSE, T23S, R33E  
30-025-41253 ✓  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 49H  
Sec. 34, SESW, T23S, R33E  
30-025-41254 ✓  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 50H  
Sec. 34, SESE, T23S, R33E  
30-025-41302 ✓  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 65H  
Sec. 33, SESE, T23S, R33E ✓  
30-025-41303  
Triple X; Bone Spring  
Lease NMNM88526C

Thistle Unit 66H  
Sec. 34, SWSW, T23S, R33E ✓  
30-025-42381  
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 will have a common Devon Point of Royalty Measurement Meter #390-33-258 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.

Attachments: Deliverables

**32. Additional remarks, continued**

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail(see attached).



## APPLICATION FOR CENTRAL TANK BATTERY

### Proposal for Thistle Unit Wells

Devon Energy Production Company, LP is requesting approval for a Central Tank Battery due to diversity in ownership for the following wells:

#### Federal Lease NMNM088526C (PA)

| Well Name        | Location                | API #        | Pool 59900            | BOPD | O.G. | MCFPD | BTU     |
|------------------|-------------------------|--------------|-----------------------|------|------|-------|---------|
| Thistle Unit 43H | Sec. 33, SWSW T23S, 33E | 30-025-40898 | Triple X; Bone Spring | 190  | 42   | 215   | 1297.7  |
| Thistle Unit 44H | Sec. 33, SESW T23S, 33E | 30-025-41032 | Triple X; Bone Spring | 143  | 41   | 218   | 1302.2  |
| Thistle Unit 46H | Sec. 33, SESW T23S, 33E | 30-025-41118 | Triple X; Bone Spring | 122  | 41   | 307   | 1285.9  |
| Thistle Unit 47H | Sec. 34, SESW T23S, 33E | 30-025-41252 | Triple X; Bone Spring | 317  | 42   | 362   | 1318.4  |
| Thistle Unit 48H | Sec. 34, SWSE T23S, 33E | 30-025-41253 | Triple X; Bone Spring | 364  | 42   | 715   | 1294.9  |
| Thistle Unit 49H | Sec. 34, SESW T23S, 33E | 30-025-41254 | Triple X; Bone Spring | 265  | 41   | 534   | 1326.4  |
| Thistle Unit 50H | Sec. 34, SESE T23S, 33E | 30-025-41302 | Triple X; Bone Spring | 212  | 41   | 372   | 1310.2  |
| Thistle Unit 65H | Sec. 33, SESE T23S, 33E | 30-025-41303 | Triple X; Bone Spring | 285  | 40   | 504   | 1262.9  |
| Thistle Unit 66H | Sec. 34, SWSW T23, R33E | 30-025-42381 | Triple X; Bone Spring | 317  | 42   | 362   | 1318.4* |

\*These are proposed numbers, will provide actual production numbers upon receipt

Attached is a map that displays the leases and well locations in Section 33-T23S, R33E & Section 34, T23S, R33E.

These are all state wells and royalty rates are identical.

### Oil & Gas metering:

There will be a central tank battery located at the Thistle Unit 44H battery in Sec. 33, SESW, T23S, R33E in Lea County, New Mexico. The Thistle Unit 44H, 46H, 49H, & 65H production will flow into the 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 43H, 47H, 48H, 50H, 66H production from each well will flow into the production header and then route to its own three phase metering separator with a Micro Motion Coriolis Meter to meter the oil, flow meter to meter the water, and gas allocation meter to meter the gas. VRU will be allocated back to each well utilizing a percentage of each wells monthly oil production.

The Thistle Unit 44H Central Tank Battery will have four oil tanks that all nine wells will utilize and will have a common Devon Point of Royalty Measurement #390-33-258 on location in northeast corner. Oil, gas, and water volumes from the 44H, 46H, 49H, & 65H wells will be determined by utilizing the same metering separator at the proposed facility. Oil, gas, and water volumes from the 43H, 47H, 48H, 50H, & 66H wells will be determined by utilizing individual measurement. Oil will be sold through two common Smith LACT meters #P655654824 & #1413E10052.

The Thistle Unit 44H, 46H, 49H, & 65H production on test will flow into the production header then through their own two phase test separator, where after separation gas is routed to the gas allocation meter #390-49-243, then through the Devon Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Once separation occurs in the two phase separator, the produced water and oil flow into the Test FWKO, the oil will then flows into the test heater/treater then metered by the Micro Motion Coriolis S/N 14373178, flows into a production line and then to one of the 500 bbl. oil tanks. The produced water then flows from the FWKO and is measured by the mag meter and combines with the water from the other wells and flows into one of the 500 bbl. water tanks.

The Thistle Unit #43 production flows into its own three phase test separator after separation, gas is routed to the gas allocation meter #390-49-280, flows through the Devon's Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter S/N 14416285, and combines with the Thistle Unit 47H, 48H, 50H, & 66H production and into the designated heater/treater, then flows into a production line with the other wells oil and into the 500 bbl. oil tanks. The water is metered with a mag meter then flows to the 500 bbl. produced water tank, along with the water from the other wells.

The Thistle Unit #47H flows to a three phase metering separator, where after separation gas is routed to the gas allocation meter #390-49-272, then through the Devon Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter S/N 14380734, and combines with the Thistle Unit 43H, 48H, 50H, & 66H production and into the designated heater/treater, then flows into a production line with the other wells oil and into the 500 bbl. oil tanks. The water is metered with a mag meter then flows to the 500 bbl. produced water tank, along with the water from the other wells.



The Thistle Unit #48H flows to a three phase metering separator, where after separation gas is routed to the gas allocation meter #390-49-273, then through the Devon Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter S/N 14381425, and combines with the Thistle Unit 43H, 47H, 50H, & 66H production and into the designated heater/treater, then flows into a production line with the other wells oil and into the 500 bbl. oil tanks. The water is metered with a mag meter then flows to the 500 bbl. produced water tank, along with the water from the other wells.

The Thistle Unit #66H flows to a three phase metering separator, where after separation gas is routed to the gas allocation meter #390-49-274, then through the Devon Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter S/N 14385126, and combines with the Thistle Unit 43H, 47H, 48H, & 50H production and into the designated heater/treater, then flows into a production line with the other wells oil and into the 500 bbl. oil tanks. The water is metered with a mag meter then flows to the 500 bbl. produced water tank, along with the water from the other wells.

The Thistle Unit #50H flows to a three phase metering separator, where after separation gas is routed to the gas allocation meter #390-49-292, then through the Devon Point of Royalty Measurement #390-33-258 on location in the Northeast corner. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter S/N 14408556 and combines with the Thistle Unit 43H, 47H, 48H, & 66H production and into the designated heater/treater, then flows into a production line with the other wells oil and into the 500 bbl. oil tanks. The water is metered with a mag meter then flows to the 500 bbl. produced water tank, along with the water from the other wells.

Oil production will be allocated on a daily basis based the most recent well test for the 44H, 46H, 65H, & 49H. The oil production from the 43H, 47H, 48H, 66H, & 50H will be determined the individual Micro Motion Coriolis for each meter. The 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 Thistle Unit 44H, 46H, 49H, & 65H wells will be allocated on a daily basis using the gas allocation meter #390-49-243. Gas utilized for gas lift on the Thistle Unit 47H & 49H, is measured with the meter #330-07-507. This production will circulate back through the system and be measured at Devon's Point of Royalty Measurement Meter #390-33-258. The gas production from the production equipment, and the test gas meter will commingle and flow through the Federal Measurement Point #10731. Gas production from the Thistle Unit 43H, 47H, 48H, 66H, & 50 wells will be allocated on a daily basis using the gas allocation meter designated for each well. 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: Erin Workman

Printed Name: Erin Workman

Title: Regulatory Compliance Professional

Date: 09.06.16

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Time: 08:11 AM

Page 1 of 1

Run Date: 09/07/2016

01 02-25-1920;041STAT0437;30USC181

Total Acres  
3,520.000

Serial Number  
NMNM-- - 088526C

Case Type 318230: O&G PARTICIPATING AREA

Commodity 459: OIL & GAS

Case Disposition: AUTHORIZED

Serial Number: NMNM-- - 088526C

| Name & Address    |                    |                            | Int Rel          | % Interest    |
|-------------------|--------------------|----------------------------|------------------|---------------|
| BLM CARLSBAD FO   | 620 E GREENE ST    | CARLSBAD NM 88220          | OFFICE OF RECORD | 0.000000000   |
| DEVON ENERGY CORP | 333 W SHERIDAN AVE | OKLAHOMA CITY OK 731025010 | OPERATOR         | 100.000000000 |

Serial Number: NMNM-- - 088526C

| Mer Twp | Rng   | Sec   | STyp | SNr Suff | Subdivision | District/Field Office | County | Mgmt Agency         |
|---------|-------|-------|------|----------|-------------|-----------------------|--------|---------------------|
| 23      | 0230S | 0330E | 021  | ALIQ     | E2;         | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |
| 23      | 0230S | 0330E | 022  | ALIQ     | ALL;        | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |
| 23      | 0230S | 0330E | 027  | ALIQ     | ALL;        | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |
| 23      | 0230S | 0330E | 028  | ALIQ     | ALL;        | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |
| 23      | 0230S | 0330E | 033  | ALIQ     | ALL;        | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |
| 23      | 0230S | 0330E | 034  | ALIQ     | ALL;        | CARLSBAD FIELD OFFICE | LEA    | BUREAU OF LAND MGMT |

Serial Number: NMNM-- - 088526C

| Act Date   | Code | Action                 | Action Remark         | Pending Office |
|------------|------|------------------------|-----------------------|----------------|
| 06/09/2013 | 387  | CASE ESTABLISHED       |                       |                |
| 06/09/2013 | 500  | GEOGRAPHIC NAME        | INIT BONE SPRING PA C |                |
| 06/09/2013 | 500  | GEOGRAPHIC NAME        | THISLITE UNIT         |                |
| 06/09/2013 | 515  | REFERENCE NUMBER (AFS) | AFS - NM              |                |
| 06/09/2013 | 516  | FORMATION              | BONE SPRING           |                |
| 06/09/2013 | 526  | ACRES-FED INT 100%     | 3520 - 100%           |                |
| 06/09/2013 | 664  | PA EFFECTIVE           | /A/ INITIAL           |                |
| 06/09/2013 | 868  | EFFECTIVE DATE         | /A/ INITIAL           |                |
| 05/12/2016 | 595  | WELL DETERMINED PAYING | 43H 59H 60H 64H       |                |
| 05/16/2016 | 580  | PROPOSAL RECEIVED      | /A/ INITIAL           |                |
| 06/10/2016 | 665  | PA APPROVED            |                       |                |

Serial Number: NMNM-- - 088526C

| Line Nr | Remarks                                |
|---------|--|
| 0001    | /A/ PA ALLOCATION EFFECTIVE 06/09/2013 |
| 0002    | LEASE SERIAL NO TR# STATUS ACRES %     |
| 0003    | NMNM 94186 1 FC 960.00 27.2727         |
| 0004    | STATE 6 FC 640.00 18.1818              |
| 0005    | STATE 7 FC 160.00 4.5455               |
| 0006    | STATE 8 FC 640.00 18.1818              |
| 0007    | STATE 10 FC 640.00 18.1818             |
| 0008    | STATE 11 FC 480.00 13.6364             |
| 0009    | TOTAL 3,520.00 100.0000                |

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

## E-CERTIFIED MAILING LIST

Commingle Mailing Reference: **Thistle Unit 44H CTB**

| <u>Repondent Name/Address:</u>  | <u>E-Certified Mailing Number:</u> |
|---|------------------------------------|
| ConocoPhillips Company<br>600 North Dairy Ashford<br>Houston, Texas 77079   | 9214 8901 5271 8100 1830 68        |
| Trainer Partners, Ltd.<br>P. O. Box 3788<br>Midland, Texas 79702  | 9214 8901 5271 8100 1830 75        |
| Performance Oil & Gas Company<br>5400 Lyndon B. Johnson Freeway, Suite 1500<br>Dallas, Texas 75240-1017                   | 9214 8901 5271 8100 1830 82        |
| Angelo Holdings LLC<br>P. O. Box 50086<br>Midland, Texas 79710  | 9214 8901 5271 8100 1830 99        |
| Lucille H. Pipkin Trust<br>Stuart D. Shanor and Howard C. Kastler Co-Trustees<br>P. O. Box 1174<br>Roswell, NM 88202-1174 | 9214 8901 5271 8100 1831 05        |
| Commission of Public Lands<br>New Mexico State Land Office<br>310 Old Santa Fe Trail<br>Santa Fe, NM 87501                | 9214 8901 5271 8100 1831 12        |
| Joseph William Foran and Nancy N. Foran<br>One Lincoln Center, Suite 1500<br>5400 LBJ Freeway<br>Dallas, TX 75240-1017    | 9214 8901 5271 8100 1831 29        |
| Magnum Hunter Production, Inc.<br>202 S. Cheyenne, Suite 1000<br>Tulsa, OK 74103  | 9214 8901 5271 8100 1831 36        |
| Mitchell Exploration Inc.<br>6212 Homestead Blvd.<br>Midland, TX 79707  | 9214 8901 5271 8100 1831 43        |



|         |          |          |           |      |         |
|---------|----------|----------|-----------|------|---------|
| DATE IN | SUSPENSE | ENGINEER | LOGGED IN | TYPE | APP NO. |
|---------|----------|----------|-----------|------|---------|

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - 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

**Application Acronyms:**

**[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]  
 [A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]  
 [B] Commingling - Storage - Measurement  
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify \_\_\_\_\_
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☐ Does Not Apply  
 [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☒ Notification and/or Concurrent Approval by **BLM** or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached
- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **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.

|                     |           |                                    |                 |
|---------------------|-----------|------------------------------------|-----------------|
| <u>Erin Workman</u> |           | <u>Regulatory Compliance Prof.</u> | <u>09.07.16</u> |
| Print or Type Name  | Signature | Title                              | Date            |
|                     |           | <u>Erin.Workman@dmv.com</u>        |                 |
|                     |           | E-mail Address                     |                 |



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<br>Non-Commingled<br>Production | Calculated Gravities /<br>BTU of Commingled<br>Production |  | Calculated Value of<br>Commingled<br>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 (Coriolis 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 & Coriolis 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.

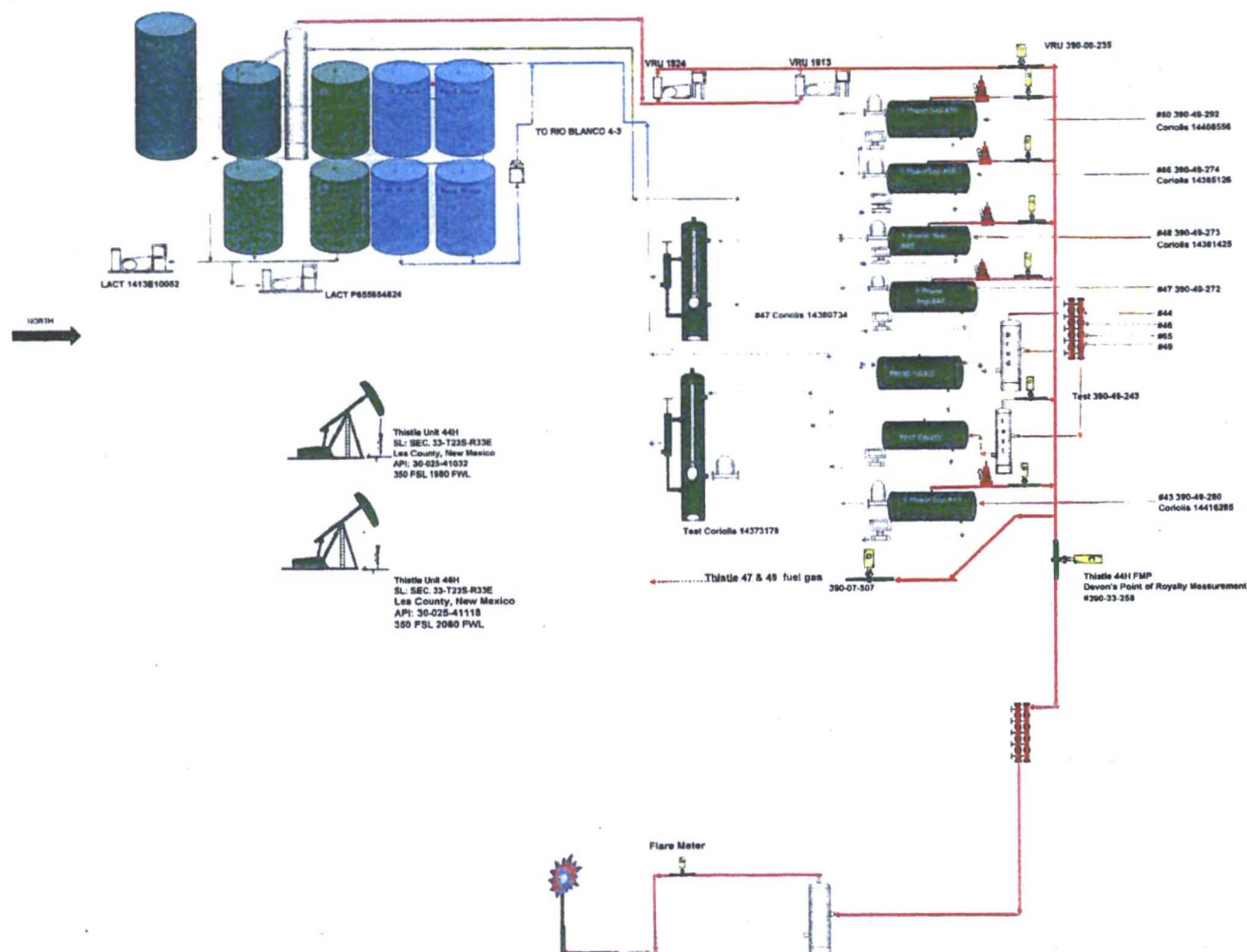
SIGNATURE: Erin Workman TITLE: Regulatory Compliance Prof. DATE 09.08.16

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

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

Thistle Unit 44H Battery  
 SL: SEC. 33-T23S-R33E  
 Lee County, New Mexico  
 API: 30-02S-41032  
 350 FSL 1980 FWL

# PROCESS FLOW DIAGRAM







# THISTLE WELL LOCATIONS Lea Co., New Mexico

DATE: 10/10/2013

Source: North American Datum 1983; Water Features  
Geographic Names  
Data is current as of 10/10/2013.

Scale: 1 inch = 0.5 miles  
0 0.5 1.0

- Surface Hole
- Well Battery
- Well PDM
- Flow Line
- Federal Unit
- Project Area
- Potable Leasehold

ST OF NM V0-0797  
ST OF NM V0-0798