

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]

38355  
CTB

[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 \_\_\_\_\_

ARCTURUS 18 FEDERAL  
 30-015-38237  
 30-015-38390  
 30-015-41802  
 30-015-42075  
 38355  
 POOL - 97020  
 HACKBERRY: BONE SPRING  
 NW.

[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.

Erin Workman \_\_\_\_\_ Regulatory Compliance Prof. \_\_\_\_\_ 07.01.14 \_\_\_\_\_  
 Print or Type Name Signature Title Date

Erin.Workman@dvn.com  
 E-mail Address



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

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

July 1, 2014

2014 JUL -3 P 3 30

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

**RE: Lease Commingle**  
**Arcturus 18 Fed 1H, Arcturus 18 Fed 2H, Arcturus 18 Fed 5H, & Arcturus 18 Fed 6H**  
**Lease: NMLC069464A**  
**API: #30-015-38237, #30-015-38390, 30-015-41802, & 30-015-42075**  
**Pool: (97020) Hackberry; Bone Spring, NW**

Dear Mr. Ezeanyim:

Please find attached the OCD Form C-107B Sundry Notice of Intent for a Lease Commingle for the aforementioned wells.

The BLM's approval and Conditions of Approval will be submitted upon receipt.

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

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 (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 (Coriolis Test & Well Test Method)

**(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: 07.01.14

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

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

## APPLICATION FOR A LEASE COMMINGLE

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

### Proposal for the Arcturus 18 Fed 1H, 2H, 5H, & 6H

Devon Energy Production Company, LP is requesting approval for a Lease Commingle of the following wells:

Federal Lease: NMLC069464A (12.5%)				Oil			
Well Name	Location	API #	Pool 97020	BOPD	Gravities	MCFPD	BTU
Arcturus 18 Fed 1H	NENE Sec. 18, T19S, R31E	30-015-38237	Hackberry, Bone Spring, NW	48.17	38.4	166.29	1254.9
Arcturus 18 Fed 2H	SWNE Sec. 18, T19S, R31E	30-015-38390	Hackberry, Bone Spring, NW	65.76	38.2	118.86	1259.2
Arcturus 18 Fed 5H	NENE Sec. 18, T19S, R31E	30-015-41802	Hackberry, Bone Spring, NW	48.17	38.4	166.29	1254.9
Arcturus 18 Fed 6H	SWNE Sec. 18, T19S, R31E	30-015-42075	Hackberry, Bone Spring, NW	65.76	38.2	118.86	1259.2

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

Attached is a map that displays the state leases and well locations in Section 18, T19S, R31E

#### Oil & Gas metering:

The central tank battery is located at the Arcturus 18 Fed 1H location NENE, Sec. 18, T19S, R31E, in Eddy County, New Mexico. The production from the Arcturus 18 Fed 2H, 5H & 6H will share a common production header with isolation lines to route each wells production. From this point, one well will be on test and its production routed through the test equipment. The Arcturus 18 Fed 1H production will flow through its own three phase separator with coriolis 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 Arcturus 18 Fed 1H battery will have three oil tanks that all four wells will utilize and they have a common Duke Energy CDP #726908-00 on the west side of the facility in Sec. 08, T19S, R31E. Oil, gas, and water volumes from the Arcturus 18 Fed 2H, 5H, & 6H producing to this battery will be determined by using a test separator/heater treater for these wells at the proposed facility. Well tests for these wells will be conducted at least once per month, for a minimum of 24 hours to allocate production back to each well. Oil, gas, and water volumes for the Arcturus 18 Fed 1H will have its own test separator/heater treater.

The well which is on test production from the Arcturus 18 Fed 2H, 5H, & 6H flows to the separator, where after separation gas is routed to the gas test meter #677-00-130, then to the DCP CPD #726908-00 on location in Sec. 18, T19S, R31E. Produced water and oil from each well are separated, flow into the heater treater, the oil then flows into a production line with the other wells production and to one of the 500 bbl. The water is metered using a mag meter and then flows to the 500 bbl. produced water tanks, along with the water from the other wells.

The Arcturus 18 Fed 1H well will each have its own three phase test separator, where after separation gas is routed to the gas test meter (number provided upon receipt), then commingles with the gas from the other wells, and flows to the DCP CPD #726908-00. Produced water and oil are separated, the oil is then metered with a Micro Motion Coriolis Meter (number will be supplied upon receipt), flows into the heater treater and then into an oil production line where it is combined with the other wells oil and flows to the 500 bbl tank. The water is metered using a mag meter, then flows to one of the 500 bbl. produced water tank, along with the water from the other wells.

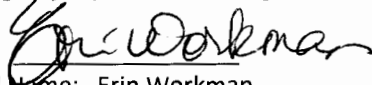
Oil production from the Arcturus 18 Fed 2H, 5H, & 6H will be allocated using the well test method. Oil production from the Arcturus 18 Fed 1H will be allocated on a daily basis based on the Coriolis Test meter located downstream of the three phase separator. The Coriolis meter will be proven, as per 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 Arcturus 18 Fed 2H, 5H, & 6H wells will be allocated on a daily basis using the gas allocation meter #677-00-130. Gas production from the Arcturus 18 Fed 1H well will be allocated on a daily basis using the gas allocation meter (number provided upon receipt). The gas production from the each production equipment, VRU allocation meter #885-00-176, and the each test gas meter, will commingle and flow through DCP CDP #726908-00. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The OCD & SLO 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 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.

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

Signed:   
Printed Name: Erin Workman  
Title: Regulatory Compliance Associate  
Date: 07.01.14



NMNM 0560353  
NMNM 0560353  
NMNM 0560353  
NMNM 0560353

NMNM 054113  
NMNM 054113

NMNM 054113  
NMNM 054113

NMNM 094614  
NMNM 094614

NMNM 094614  
NMNM 094614

Tank Battery

DCP CDP # 25908-00

Arcturus 18 Fed 1H

77013

Arcturus 18 Fed 5H

NMLC 0069464A

NMLC 0069464A

NMLC 0069464A

NMLC 0069464A  
NMLC 0069464A

Arcturus 18 Fed 2H

Arcturus 18 Fed 6H

NMNM 099040

NMNM 099040

NMNM 0025559  
NMNM 0025559  
NMNM 0025559  
NMNM 0025559

### Devon GIS Mapping



Disclaimer: This plat is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one.

Scale: 1:9,028

Date Printed: 7/1/2014 5:05:15 PM



Arcturus 18#1&Sirius 17#1  
 Section 18,T19S,R31E  
 400 FNL & 200 FEL  
 Eddy County, N.M  
 API# 3001538237

Production System: Open

- 1) Oil sales by tank gauge to tank truck.
- 2) Seal requirements:

A. Production Phase: On all Tanks.

- (1) All valves 5 sealed closed.

Sales Phase: On Tank being hauled.

- (1) Valve 1 sealed closed.
- (2) Valve 3 sealed closed.
- (3) Valve 4 sealed closed.
- (4) Valve 5 sealed closed.

(5) Misc. Valves: Plugged or otherwise unaccessible.  
 NOTE: Valve 2 is either a test or roll line if there is a valve 2 it will be sealed closed.

**Ledger for Site Diagram**

- Valve #1: Production Line
- Valve #2: Test or Roll line
- Valve #3: Equilizer Line
- Valve #4: Circ./Drain Line
- Valve #5: Sies Line
- Valve #6: BS&W Load Line

Buried Lines:

Firewall:

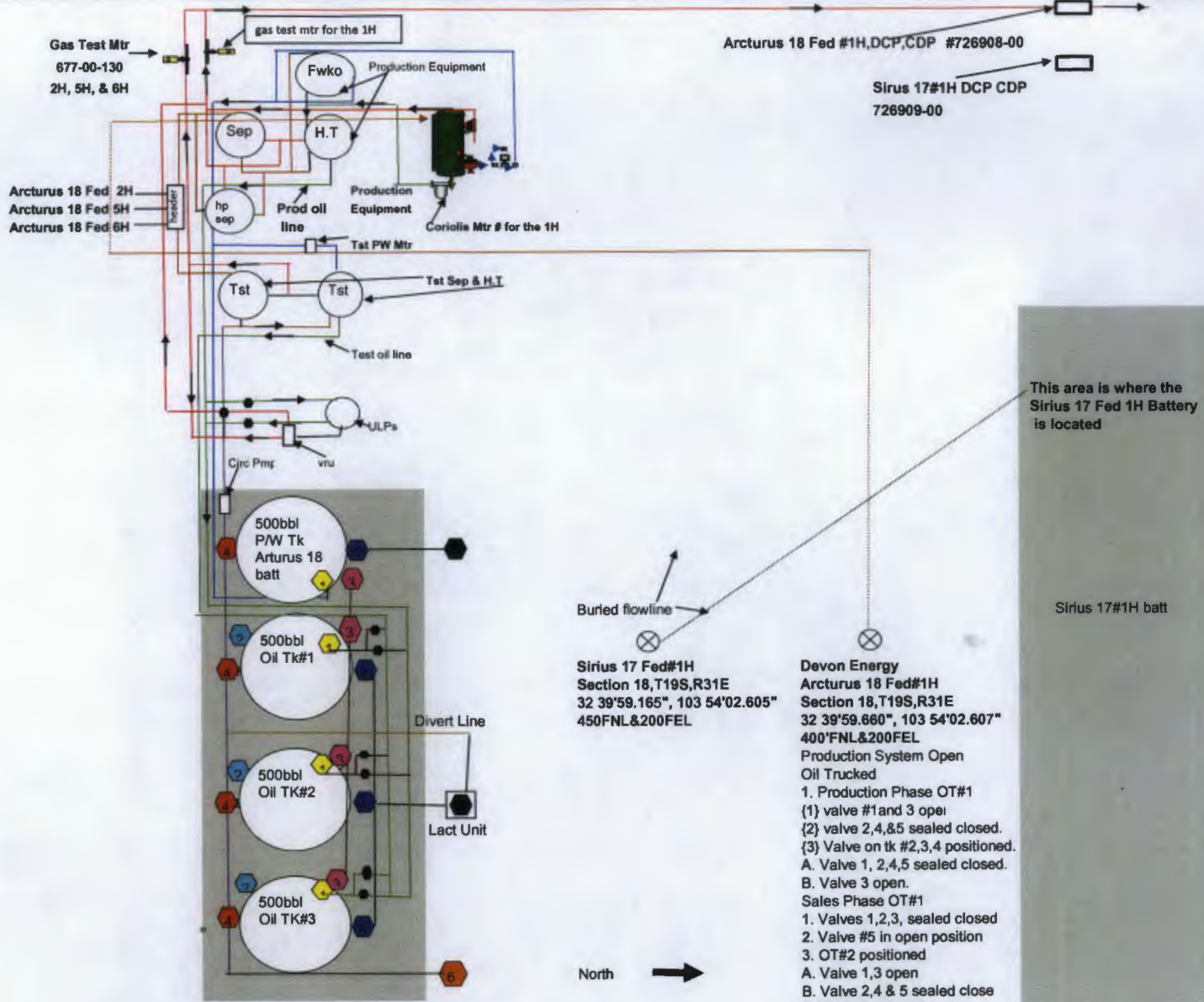
Wellhead:

Stak-pak:

Production line:

Water line:

Gas Meter



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

- Production System Open  
 Oil Trucked
1. Production Phase OT#1  
 (1) valve #1 and 3 open  
 (2) valve 2, 4, & 5 sealed closed.  
 (3) Valve on tk #2, 3, 4 positioned.  
 A. Valve 1, 2, 4, 5 sealed closed.  
 B. Valve 3 open.
- Sales Phase OT#1  
 1. Valves 1, 2, 3, sealed closed  
 2. Valve #5 in open position  
 3. OT#2 positioned  
 A. Valve 1, 3 open  
 B. Valve 2, 4 & 5 sealed close  
 3. Valves on tank 3  
 A. Valves 2, 4, 5 sealed close  
 B. Valve 3 open.  
 4. Low Profile tanks. 1&2  
 A. Valves ,1,2,3,4,5 sealed close

Sirius 17#1  
 Section 18,T19S,R31E  
 400 FNL & 200 FEL  
 Eddy County, N.M  
 API# 3001538237





Production System: Open

- 1) Oil sales by tank gauge to tank truck.
- 2) Seal requirements:


A. Production Phase: On all Tanks.

- (1) All valves 5 sealed closed.







Sales Phase: On Tank being hauled.

- (1) Valve 1 sealed closed. 
- (2) Valve 3 sealed closed. 
- (3) Valve 4 sealed closed. 
- (4) Valve 5 sealed closed. 

(5) Misc. Valves: Plugged or otherwise unaccessible.

NOTE: Valve 2 is either a test or roll line if there is a valve 2 it will be sealed closed. 

**Ledger for Site Diagram**

- |                                     |   |
|-------------------------------------|---|
| Valve #1: <u>Production Line</u>    |    |
| Valve #2: <u>Test or Roll line</u>  |    |
| Valve #3: <u>Equalizer Line</u>     |   |
| Valve #4: <u>Circ./Drain Line</u>   |  |
| Valve #5: <u>Sles Line</u>          |  |
| Valve #6: <u>BS&amp;W Load Line</u> |  |

Buried Lines: -----

Firewall: 

Wellhead: 

Stak-pak: 

Production line: \_\_\_\_\_

Water line: -----

Gas Meter   

This area is where the Arcturus 18 battery is located

Arcturus 18#1H,DCP,CDP  
 726908-00

Sirius 17#1H DCP,CDP  
 726909-00


Buried flowline 

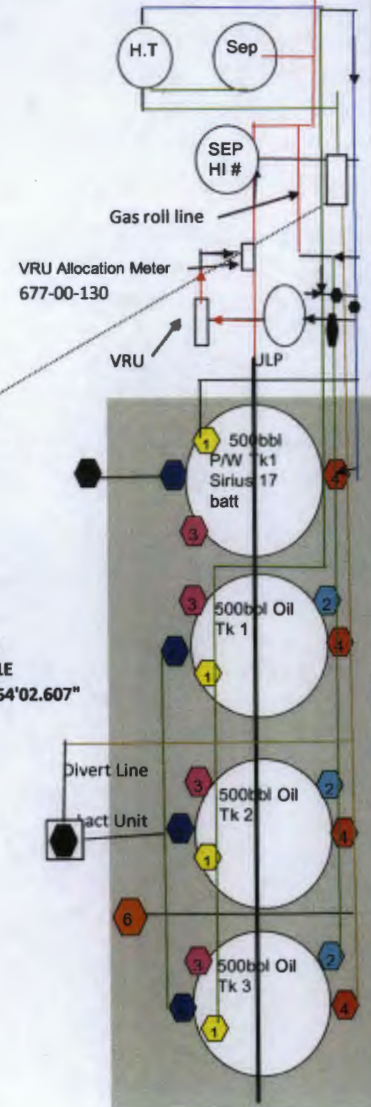
Sirius 17 Fed#1H  
 Section 18,T19S,R31E  
 32 39'59.165", 103 54'02.605"  
 450FNL&200FEL

Devon Energy  
 Arcturus 18 Fed#1H  
 Section 18,T19S,R31E  
 32 39'59.660", 103 54'02.607"  
 400'FNL&200FEL

Production System Open  
 Oil Trucked

1. Production Phase OT#1
  - (1) valve #1and 3 open
  - (2) valve 2,4,&5 sealed closed.
  - (3) Valve on tk #2 positioned.
- A. Valve 1, 2,4,5 sealed closed.
- B. Valve 3 open.
- Sales Phase OT#1
  1. Valves 1,2,3,&4 sealed closed
  2. Valve #5 in open position
  3. OT#2 positioned
- A. Valve 1,3 open
- B. Valve 2,4 & 5 sealed close

North 





District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 15, 2009  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*Ke*

API Number 30-015-38237		Pool Code 92020	Pool Name HACKBERRY, BONE SPRING, NW (O)
Property Code 38355	Property Name ARCTURUS 18 FEDERAL		Well Number 1H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		Elevation 3441.0

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	18	19 S	31 E		400	NORTH	200	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	18	19 S	31 E		476	NORTH	285	WEST	EDDY

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.

**ARCTURUS "18" FED. #1H**  
ELEV. = 3441.0'  
LAT. = 32°39'59.660"N (NAD83)  
LONG. = 103°54'02.607"W  
NMSP EAST (FT)  
N = 606485.22  
E = 674459.48

**NE CORNER SEC. 18**  
LAT. = 32°40'03.62"N  
LONG. = 103°54'00.28"W  
NMSP EAST (FT)  
N = 606887.82  
E = 674656.73

**SW CORNER SEC. 18**  
LAT. = 32°39'11.17"N  
LONG. = 103°55'01.01"W  
NMSP EAST (FT)  
N = 601564.84  
E = 669485.12

**SE CORNER SEC. 18**  
LAT. = 32°39'11.38"N  
LONG. = 103°54'00.09"W  
NMSP EAST (FT)  
N = 601607.32  
E = 674694.79

**RECEIVED**  
JUL 28 2011.  
NMOC, ARTESIA

**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 subsurface mineral interest in the land including the proposed bottom hole locations 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: *[Signature]* Date: 07/27/2010  
Printed Name: STEPHANIE A. YSASAGA

**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 direct supervision, and that the same is true and correct to the best of my belief.*

Date of Survey: JULY 13, 2010  
Signature and Seal of Professional Surveyor: *[Signature]*  
Certificate Number: FJLWQK (BINNAMILLO, PLS 12797)  
SURVEY NO. 150

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 October 15, 2009  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 APT Number <b>30-015-38390</b>		2 Pool Code <b>97020</b>		3 Pool Name <b>HACKBERRY; BONE SPRING, NW</b>	
4 Property Code <b>38355</b>		5 Property Name <b>ARCTURUS 18 FEDERAL</b>			6 Well Number <b>2H</b>
7 OGRID No. <b>6137</b>		8 Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>			9 Elevation <b>3428.4</b>

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
H	18	19 S	31 E		1650	NORTH	340	EAST	EDDY

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
E	18	19 S	31 E		1822	NORTH	330	WEST	EDDY

12 Dedicated Acres <b>160</b>	13 Joint or Infill	14 Consolidation Code	15 Order No.
----------------------------------	--------------------	-----------------------	--------------

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

<p>NW CORNER SEC. 18 LAT. = 32°40'03.42"N LONG. = 103°55'00.97"W NMSP EAST (FT) N = 608846.48 E = 669467.90</p> <p>BOTTOM OF HOLE 303'</p> <p>BOTTOM OF HOLE</p>	<p>NE CORNER SEC. 18 LAT. = 32°40'03.62"N LONG. = 103°54'00.28"W NMSP EAST (FT) N = 606887.82 E = 674656.73</p> <p>1650'</p> <p>SURFACE LOCATION 340'</p>	<p>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 retained mineral interest in the land including the proposed bottom hole location or has a right to drill this well or 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 hereinafter entered by the division.</p> <p>Signature: <i>[Signature]</i> Date: 02/05/2010</p> <p>Printed Name: STEPHANIE A. YSASAGA</p>
		<p>SW CORNER SEC. 18 LAT. = 32°39'11.17"N LONG. = 103°55'01.01"W NMSP EAST (FT) N = 601564.84 E = 669465.12</p>

PENETRATION POINT: 1650' FNL & 340' FEL

PRODUCING AREA

PROJECT AREA

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
311 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-015-41802	<sup>2</sup> Pool Code 97020	<sup>3</sup> Pool Name Bore Spring Hackberry North WEST
<sup>4</sup> Property Code 38355	<sup>5</sup> Property Name ARCTURUS "18" FEDERAL	
<sup>6</sup> OGRID No. 6137	<sup>7</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	<sup>8</sup> Well Number 5H <sup>9</sup> Elevation 3437.0

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	18	19 S	31 E		845	NORTH	250	EAST	EDDY

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D/1	18	19 S	31 E		400	NORTH	340	WEST	EDDY

<sup>12</sup> Dedicated Acres 157.28	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
---	-------------------------------	----------------------------------	-------------------------

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

**<sup>17</sup> OPERATOR CERTIFICATION**

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

Signature: *Judith A. Barnett* Date: 2-20-13  
Judith A. Barnett, Regulatory Specialist  
Printed Name:  
Judith.Barnett@dvn.com  
E-mail Address:

---

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

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

FEBRUARY 14, 2013  
Date of Survey

Signature and Seal of Professional Surveyor: *J. Jaramillo*  
Certificate Number: FILLMON P. JARAMILLO, PLS 12797  
SURVEY NO. 1592



District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-0161 Fax: (575) 393-0720  
District II  
511 S. First St., Artesia, NM 88210  
Phone: (575) 648-4283 Fax: (575) 648-9520  
District III  
1080 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 354-6179 Fax: (505) 354-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APL Number <b>30-015-42075</b>		2 Pool Code <b>97020</b>		3 Pool Name <b>Hackberry; Bone Spring NW</b>	
4 Property Code <b>38355</b>		5 Property Name <b>ARCTURUS 18 FEDERAL</b>			6 Well Number <b>6H</b>
OGRID No. <b>6137</b>		7 Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>			8 Elevation <b>3430.5</b>

9 Surface Location

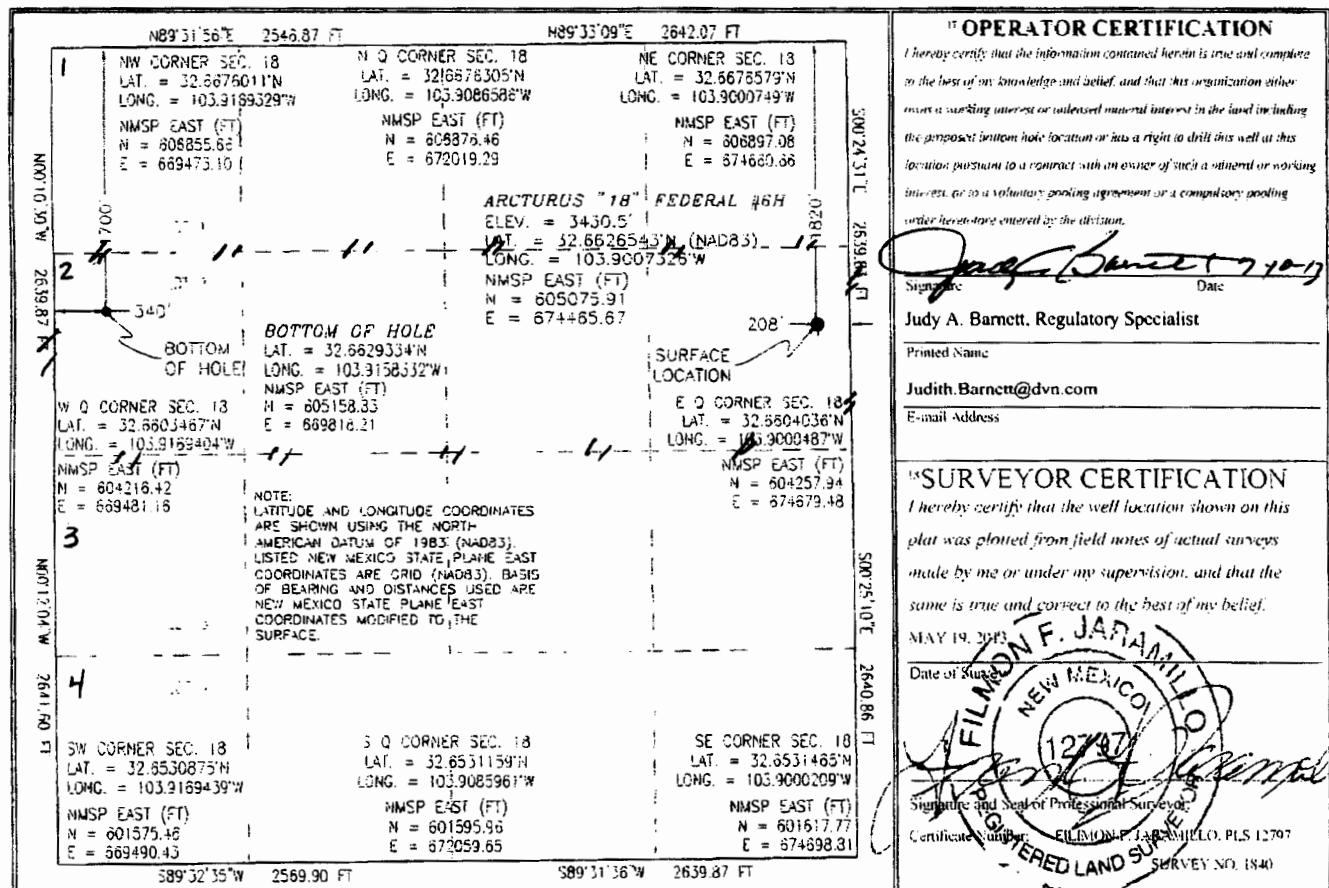
CL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>H</b>	<b>18</b>	<b>19 S</b>	<b>31 E</b>		<b>1820</b>	<b>NORTH</b>	<b>208</b>	<b>EAST</b>	<b>EDDY</b>

10 Bottom Hole Location If Different From Surface

CL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>2</b>	<b>18</b>	<b>19 S</b>	<b>31 E</b>		<b>1700</b>	<b>NORTH</b>	<b>340</b>	<b>WEST</b>	<b>EDDY</b>

11 Dedicated Acres <b>157.43</b>	12 Joint or Infill	13 Consolidation Code	14 Order No. <b>2-3</b> <b>12454</b>
-------------------------------------	--------------------	-----------------------	--

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





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

July 1, 2014

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

Interest Owners

**RE: Lease Commingle**  
**Arcturus 18 Fed 1H, Arcturus 18 Fed 2H Arcturus 18 Fed 5H Arcturus 18 Fed 6H**  
**Lease: NMLC069464A**  
**API: #30-015-38237, #30-015-38390, 30-015-41802, & 30-015-42075**  
**Pool: Hackberry; Bone Spring, NW**

Gentlemen:

This is to advise you that Devon Energy Production Company, LP, is filing an applications with the New Mexico Oil Conservation Division ("NMOCD") and Bureau of Land Management seeking approval for a Lease Commingle for the above mentioned wells.

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.

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

Enclosure

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

**Reponent Name/Address:**

**Certified Mailing Number:**

ALLISON RAND GUESS  
1005 HEMINGWAY DRIVE  
RALEIGH, NC 27609

91 7199 9991 7032 9484 7831

ANGELA RENEE HOCK  
5920 WATERFORD LANE  
MCKINNEY, TX 75071

91 7199 9991 7032 9484 7848

ANNA LOUISE DEAL PLUYMEN  
TEN ESSCHEN 43  
6412 PS HEERLEN, THE NETHERLANDS

INTERNATIONAL

BALLARD E. SPENCER TRUST INC.  
P.O. BOX 6  
ARTESIA, NM 88211-0006

91 7199 9991 7032 9484 7855

BARBARA C. LARIMORE  
C/O MINERAL SERVICES, INC, AGENT  
P.O. BOX 244  
SAINT JACOB, IL 62281-0244

91 7199 9991 7032 9571 7010

BLM NM STATE OFFICE  
OIL & GAS DIVISION  
600 E. GREENE STREET  
CARLSBAD, NM 88220-6292

91 7199 9991 7032 9571 7027

BORDEN HAMILTON TENNANT TRUST  
C/O ROBERT H. TENNANT, TRUSTEE  
9563 DOLIVER  
HOUSTON, TX 77063

91 7199 9991 7032 9571 7034

CANNON EXPLORATION COMPANY  
3608 S. COUNTY ROAD 1184  
MIDLAND, TX 79706-6468

91 7199 9991 7032 9571 7041

CAROL DEAL SCHAEFER  
7044 50TH AVENUE NE  
SEATTLE, WA 98115-6128

91 7199 9991 7032 9571 7058

CAROL J. CHRISTENSEN  
19026 N. 2ND AVENUE  
PHOENIX, AZ 85027

91 7199 9991 7032 9571 7065

CHARLOTTE G. MEADOR  
P.O. BOX 395  
DECATUR, TX 76234

91 7199 9991 7032 9571 7072

CIMAREX ENERGY COMPANY  
202 S. CHEYENNE AVE, SUITE 1000  
TULSA, OK 74103

91 7199 9991 7032 9571 7089

COG OPERATING, LLC  
P.O. BOX 849929  
DALLAS, TX 75284-9929

91 7199 9991 7032 9571 7096

CONCHO OIL & GAS LLC  
P.O. BOX 849929  
DALLAS, TX 75284-9929

91 7199 9991 7032 9571 7102



# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
CONSTANCE B CARTWRIGHT TRUSTEE UWO GEORGE F BAUERDORF 435 E. 52ND STREET, APT 5-B NEW YORK, NY 10022-6455	91 7199 9991 7032 9571 7119
DAN W. IRWIN 118 N. GRANT STREET HINSDALE, IL 60521	91 7199 9991 7032 9571 7126
DAVID BOYD BARNETTE 782 LITCHFIELD AVENUE SEBASTOPOL, CA 95472	91 7199 9991 7032 9571 7133
DAVID DONNELLY TRUST P.O. BOX 1150 LEBANON, MO 65536	91 7199 9991 7032 9571 7140
DAVID F. STOUT 1645 W. BASELINE ROAD, UNIT 2146 MESA, AZ 85202	91 7199 9991 7032 9571 7157
EDITH A. SHELTON MARITAL TRUST C/O BILL SHELTON, TRUSTEE 1244 ARBOR ROAD, BOX B-412 WINSTON-SALEM, NC 27104	91 7199 9991 7032 9571 7164
EDWARD LANDRETH SMITH 1675 HIGHWAY 591 DUBLIN, TX 76446	91 7199 9991 7032 9571 7171
ELIZABETH FOSTER TENNANT 701 BERING DRIVE, APT 204 HOUSTON, TX 77057	91 7199 9991 7032 9571 7188
ELLA JOAN NEAL LIVING TRUST 6235 E. SEA BREEZE DRIVE LONG BEACH, CA 90803	91 7199 9991 7032 9571 7195
ESTATE OF FLORENCE M. DOOLEY C/O PATRICK DOOLEY, PERSONAL REP 1006 S. 2ND STREET ARTESIA, NM 88210	91 7199 9991 7032 9571 7201
FAMILY TRUST OF JOHN OLAF LARSGAARD AND SHARON LARUE LARSGAARD 7627 146TH AVENUE E SUMNER, WA 98390	91 7199 9991 7032 9571 7218
FELISHA M. ELMORE 1139 26TH AVENUE SEATTLE, WA 98122	91 7199 9991 7032 9571 7225
FLORENCE B. CLARK HALL C/O MINERAL SERVICES INC, AGENT P.O. BOX 244 SAINT JACOB, IL 62281-0244	91 7199 9991 7032 9571 7232

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
FRANKLIN THOMPSON FAMILY AGENCY C/O BANK OF AMERICA, NA, AGENT P.O. BOX 840738 DALLAS, TX 75284-0738	91 7199 9991 7032 9571 7249
GESLER GRANDCHILDRENS TRUST 1400 HUNT CLUB DRIVE WOOSTER, OH 44691	91 7199 9991 7032 9571 7256
HAROLD G. HARTSOCK LIVING TRUST C/O HAROLD G. HARTSOCK P.O. BOX 1449 SANFORD, FL 32772-1449	91 7199 9991 7032 9571 7263
HAZEL N. COLLINS FAMILY TRUST C/O PLAINSCAPITAL BANK - ED FRITZ 3707 CAMP BOWIE BLVD, SUITE 220 FORT WORTH, TX 76107	91 7199 9991 7032 9571 7270
HELEN JOY SMITH, LLC C/O ADAM, B. SMITH 5410 26TH STREET W BRADENTON, FL 34207	91 7199 9991 7032 9571 7287
HELEN MARIE WHITE P.O. BOX 24492 CINCINNATI, OH 45224	91 7199 9991 7032 9571 7294
HOLLY LANE NASH 1074 HAWTHORNE AVENUE GURNEE, IL 60031-2318	91 7199 9991 7032 9571 7300
HOWARD H. HALL III C/O HORSESHOE INVESTMENTS 5425 MANCHESTER AVENUE ST. LOUIS, MO 63110-1916	91 7199 9991 7032 9571 7317
IMA LEE MELLARD 1512 W. HANK AVENUE ARTESIA, NM 88210-1138	91 7199 9991 7032 9571 7324
JAMES D. ELMORE C/O IRS LEVY PROCEEDS SACRAMENTO, CA 95821	91 7199 9991 7032 9571 7331
JAMES E. QUALKINBUSH 2721 GEORGETOWN DRIVE A-1 HIGHLAND, IN 46332	91 7199 9991 7032 9571 7348
JAMES PATRICK MELLARD 169 CLIFFSIDE ROAD HOLLIDAY, TX 76366-4208	91 7199 9991 7032 9571 7355
JAN R. QUALKINBUSH 702 OAKVIEW DRIVE MONTICELLO, IN 47960	91 7199 9991 7032 9571 7362

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
JANE LANDRETH RUSSELL AGENCY C/O FARMERS NATIONAL CO P.O. BOX 3480 OMAHA, NE 68103-0480	91 7199 9991 7032 9571 7379
JANICE E. SHROSBREE 2823 KENMAR ROAD FORTUNA, CA 95540-3216	91 7199 9991 7032 9571 7386
JANINE A. MELLARD SCHOOLCRAFT 3015 DENISON AVENUE SNYDER, TX 79549-4433	91 7199 9991 7032 9571 7393
JEAN E. HUNT REVOCABLE TRUST C/O BEVERLY HILDEBRAND, TTEE P.O. BOX 251406 PLANO, TX 75025-1406	91 7199 9991 7032 9571 7409
JENNIFER THICKSTUN FESSLER 2557 ROSCOMARE ROAD LOS ANGELES, CA 90077	91 7199 9991 7032 9571 7416
JOAN M. VOIGT 7 SHERBORNE WOOD SAN ANTONIO, TX 78218	91 7199 9991 7032 9571 7423
JOHN ERIC THICKSTUN 6672 MICHAELJOHN DRIVE LA JOLLA, CA 92037	91 7199 9991 7032 9571 7430
JOHN MICHAEL ESSES 10 VIA SOLANO RANCHO SANTA MARGARITA, CA 92688-1330	91 7199 9991 7032 9571 7447
JOHN SCOTT HALL 5425 MANCHESTER AVENUE ST. LOUIS, MO 63110-1916	91 7199 9991 7032 9571 7454
JOHN T. LANDRETH P.O. BOX 180 EAGLE, CO 81631-0180	91 7199 9991 7032 9571 7461
JOSEPH A. TENNANT P.O. BOX 382 MARATHON, TX 79842	91 7199 9991 7032 9571 7478
JOY KINDLESPARGER LOZANO 3743 MAPLE AVENUE ODESSA, TX 79762-6948	91 7199 9991 7032 9571 7485
KATHLEEN IRWIN SCHUSTER TRUST DTD 12/20/2007 2615 OAK DRIVE, UNIT 28 LAKEWOOD, CO 80215-7185	91 7199 9991 7032 9571 7492
KATHRYN ANN THICKSTUN LEFF 3131 XENOPHON STREET SAN DIEGO, CA 92106-1537	91 7199 9991 7032 9571 7508



# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
MICHELLE RUTH WHITE 4036 CAMPTON ROAD EUREKA, CA 95503-6012	91 7199 9991 7032 9635 8656
MUSTANG MINERALS, LLC 330 MARSHALL STREET, SUITE 1200 SHREVEPORT, LA 71101	91 7199 9991 7032 9635 8663
PATRICIA AILISH MELLARD SCHUTZ 471 RAINSVILLE ROAD PETALUMA, CA 94952	91 7199 9991 7032 9635 8670
PATRICIA BENAUGH WHITE 806 LARI DAWN SAN ANTONIO, TX 78258	91 7199 9991 7032 9635 8687
PATRICK DOOLEY 1006 S. 2ND STREET ARTESIA, NM 88210	91 7199 9991 7032 9635 8694
PBR PROPERTIES, JOINT VENTURE P.O. BOX 2802 MIDLAND, TX 79702	91 7199 9991 7032 9635 8700
RALPH ALEXANDER STRICKER 2611 E. PINCHOT AVENUE PHOENIX, AZ 85016	91 7199 9991 7032 9635 8717
RAMONA L. CLARK 1615 NW 101ST STREET CLIVE, IA 50325	91 7199 9991 7032 9635 8724
RIALL S. MOORE 1359 LINDA MAR BLVD PACIFICA, CA 94044	91 7199 9991 7032 9635 8731
ROBERT H. TENNANT 9563 DOLIVER HOUSTON, TX 77063	91 7199 9991 7032 9635 8748
ROBERT H. TENNANT, JR. TESTAMENTARY TRUST C/O ROBERT H. TENNANT, TRUSTEE 9563 DOLIVER HOUSTON, TX 77063	91 7199 9991 7032 9635 8755
ROBIN FREDRICK HILL 1836 SHADED WOOD ROAD WALNUT, CA 91789-4011	91 7199 9991 7032 9635 8762
ROLAND N. QUALKINBUSH 422 154TH PLACE CALUMET CITY, IL 60409	91 7199 9991 7032 9635 8779
RONALD T. GETTYS P.O. BOX 367 DECATUR, TX 76234-0367	91 7199 9991 7032 9635 8786
SALLY MELLARD W. BERNHARDT 425 N. LAKE ROAD HOLLIDAY, TX 76366	91 7199 9991 7032 9635 8793

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
KHODY LAND & MINERALS CO P.O. BOX 660367 DALLAS, TX 75266-0367	91 7199 9991 7032 9635 8519
LANHAM CULBERSON DEAL 2648 15TH AVENUE WEST, BOX 1044 SEATTLE, WA 98119	91 7199 9991 7032 9635 8526
LAURA D. ROBISON 9900 CHRYSALIS DRIVE FORT WORTH, TX 76131	91 7199 9991 7032 9635 8533
LEISA G. WAYLETT 326 W. RIDGE STREET DECATUR, TX 76234-4722	91 7199 9991 7032 9635 8540
LEWIS V. QUALKINBUSH 6915 ELMWOOD AVENUE CHEYENNE, WY 82007	91 7199 9991 7032 9635 8557
LYNDA L. SHROPSHIRE TRUST 1 C/O FARMERS NATIONAL CO AGENT P.O. BOX 3480 OMAHA, NE 68103-0480	91 7199 9991 7032 9635 8564
MARTHA RAE REEVES 1296 SKYLINE DRIVE TAVARES, FL 32778	91 7199 9991 7032 9635 8571
MARY CHRISTINA DEAL HINES 2200 SANTA ROSA STREET AUSTIN, TX 78702-4628	91 7199 9991 7032 9635 8588
MARY ELIZABETH TENNANT TRUST C/O ROBERT H. TENNANT, TRUSTEE 9563 DOLIVER HOUSTON, TX 77063	91 7199 9991 7032 9635 8595
MARY LINDSEY KESTERSON AVENY C/O FARMERS NATIONAL CO P.O. BOX 3480 OMAHA, NE 68103-0480	91 7199 9991 7032 9635 8601
MARY LOU GRAY 2957 BRADFORD COURT MONON, IN 47959	91 7199 9991 7032 9635 8618
MARY SUSAN THICKSTUN 5690 ARBOR GROVE COURT SAN DIEGO, CA 92121	91 7199 9991 7032 9635 8625
MEGHAN MARY ANN MELLARD 30014 EDGEWOOD DRIVE GEORGETOWN, TX 78628	91 7199 9991 7032 9635 8632
MELINDA ANNE BENAGH 4000 RANCH ROAD 620 N #13 AUSTIN, TX 78734	91 7199 9991 7032 9635 8649

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
SARAH L. WHITMAN 8724 HIGHLAND AVENUE HIGHLAND, IN 46322	91 7199 9991 7032 9635 8809
SCOTT C. HENSON 9430 POWERHOUSE ROAD NEWCASTLE, CA 95658-9730	91 7199 9991 7032 9635 8816
SHANNON MOORE P.O. BOX 357 RIO NIDO, CA 95471	91 7199 9991 7032 9635 8823
STANFORD UNIVERSITY C/O BANK OF AMERICA P.O. BOX 840738 DALLAS, TX 75284	91 7199 9991 7032 9635 8830
STEPHANIE P. TROTH 5714 E. ACOMA DRIVE SCOTTSDALE, AZ 85254	91 7199 9991 7032 9635 8847
STEVEN M. HENSON 106 ALTAVISTA DRIVE VACAVILLE, CA 95688	91 7199 9991 7032 9635 8854
STEVEN P. THOMPSON P.O. BOX 14596 ODESSA, TX 79768	91 7199 9991 7032 9635 8861
TERENCE PATRICK PERKINS 913 COLLINS AVENUE CLOVIS, NM 88101-3403	91 7199 9991 7032 9635 8878
THOMAS AUSLEY ALLISON 1122 DOGWOOD ROAD STATESVILLE, NC 28677-3463	91 7199 9991 7032 9635 8885
THOMAS LUSK THICKSTUN 312 FOX GLOVE DRIVE KYLE, TX 78640	91 7199 9991 7032 9635 8892
THOMAS V. QUALKINBUSH 10674 OLD STAGE ROAD SISTER BAY, WI 54234	91 7199 9991 7032 9635 8908
VICKI L. OWENS 4220 S. CR 1290 SP 75 ODESSA, TX 79765	91 7199 9991 7032 9635 8915
VIRGINIA H. BAER C/O RICHARD H. HARRINGTON, AIF 2154 BURTONSVILLE DRIVE HENDERSON, NV 89044	91 7199 9991 7032 9635 8922
W K LAND COMPANY A CO PSHP REX ROSS WALKER 911 KIMBARK STREET LONGMONT, CO 80504-4510	91 7199 9991 7032 9635 8939

# CERTIFIED MAILING LIST

Mailing Reference: **Arcturus 18 Commingle**

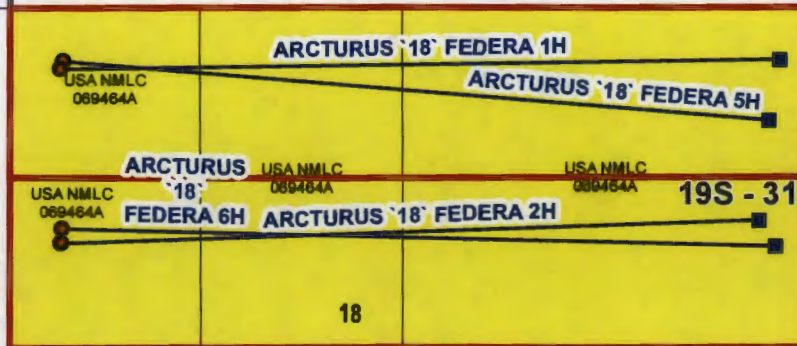
<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
W. A. LANDRETH, JR. 3207 W. 4TH STREET FORT WORTH, TX 76102	91 7199 9991 7032 9635 8946
WALLFAM LIMITED PARTNERSHIP 1811 HERITAGE BLVD, SUITE 200 MIDLAND, TX 79707	91 7199 9991 7032 9635 8953
WILLIAM G. RAND JR. 55 WILBLEDON DRIVE ROXBORO, NC 27573	91 7199 9991 7032 9635 8960
WILLIAM G. RAND 120 ST. ALBANS DRIVE, APT 570 RALEIGH, NC 27609	91 7199 9991 7032 9635 8977
WILLIAM LOCKE ALLISON III 2641 FINES CREEK DRIVE STATESVILLE, NC 28625	91 7199 9991 7032 9635 8984
WILLIAM T. HENDERSON & DOROTHY L. HENDERSON C/O CENTRAL TRUST & INVESTMENT CO 3333 S. NATIONAL, THIRD FLOOR SPRINGFIELD, MO 65807	91 7199 9991 7032 9635 8991
ZANAIDA RUTH GRIFFIN 2808 ABINGDON PKWY BIRMINGHAM, AL 35243	91 7199 9991 7032 9635 9004

12

7

8

13 19S - 30E



18

17

24

19

20

Arcturus 18 Fed  
1H, 2H, 5H, 6H  
EDDY, NM








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

GCS North American 1987  
Datum: North American 1987; Unit: Degree  
Orientation: above  
Map is current as of 4/22/2014.



Feet  
0 262.5 525 1,050 1 in. = 1,500 feet

-  Project Areas
-  Surface
-  Bottom
-  Path
-  USA NMLC 069464A



**Monthly and cum oil and gas production**

**Arcturus 18 Federal 1H 30-15-37237**

<b>Month</b>	<b>Oil</b>	<b>Gas</b>	
Nov-13	1651	4296	30
Dec-13	1436	4871	31
Jan-14	1121	4238	31
Feb-14	1543	4443	28
Mar-14	1285	7859	30
Apr-14	1311	6839	30

**cum 105,085 207265**

**Arcturus 18 Federal 2H 30-15-37390**

<b>Month</b>	<b>Oil</b>	<b>Gas</b>	
Nov-13	2014	6811	29
Dec-13	2031	7667	31
Jan-14	1691	6157	30
Feb-14	931	1626	15
Mar-14	1645	2059	24
Apr-14	1686	2978	24

**cum 103,567 228313**

**Arcturus 18 Federal 5H and Arcturus 18 Federal 6H no production**