

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**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.*FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 20105. Lease Serial No.  
NMLC069464A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

Multiple--See Attached

2. Name of Operator

DEVON ENERGY PRODUCTION CO

Contact: ERIN WORKMAN

EMail: ERIN.WORKMAN@DVN.COM

9. API Well No.

Multiple--See Attached

3a. Address

333 WEST SHERIDAN AVE  
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-7970

10. Field and Pool, or Exploratory  
BONE SPRINGS  
HACKBERRY

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple--See Attached

11. County or Parish, and State

EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 Surface Commingling
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 an approval for a Lease Commingle for the following wells:

Arcturus 18 Fed 1H  
NENE Sec. 18, T19S, R31E  
30-015-38237  
(97020) Hackberry, Bone Spring; NW  
Lease: NMLC069464A

Arcturus 18 Fed 2H  
SWNE Sec. 18, T19S, R31E  
30-015-38390

*AD 12/18/14*  
Accepted for record  
NMOC

NM OIL CONSERVATION  
ARTESIA DISTRICT

DEC 18 2014

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED

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

Electronic Submission #251833 verified by the BLM Well Information System  
For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad  
Committed to AFMSS for processing by DUNCAN WHITLOCK on 07/10/2014 (14DW0151SE)

Name (Printed/Typed) ERIN WORKMAN

Title REGULATORY COMPLIANCE PROF.

Signature (Electronic Submission)

Date 07/07/2014

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**Approved By DUNCAN WHITLOCK

Title EPS

Date 12/15/2014

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 Carlsbad

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 #251833 that would not fit on the form

### Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMLC069464A	NMLC069464A	ARCTURUS 18 FEDERAL 1H	30-015-38237-00-S1	Sec 18 T19S R31E NENE Lot A 400FNL 200FEL
NMLC069464A	NMLC069464A	ARCTURUS 18 FEDERAL 2H	30-015-38390-00-S1	Sec 18 T19S R31E SENE 1650FNL 340FEL
NMLC069464A	NMLC069464A	ARCTURUS 18 FEDERAL 5H	30-015-41802-00-X1	Sec 18 T19S R31E NENE 845FNL 250FEL
				32.665333 N Lat, 103.900879 W Lon
NMLC069464A	NMLC069464A	ARCTURUS 18 FEDERAL 6H	30-015-42075-00-S1	Sec 18 T19S R31E SENE 1820FNL 208FEL
				32.662654 N Lat, 103.900733 W Lon

### 32. Additional remarks, continued

(97020) Hackberry, Bone Spring; NW  
Lease: NMLC069464A

Arcturus 18 Fed 5H  
NENE Sec. 18, T19S, R31E  
30-015-41802  
(97020) Hackberry, Bone Spring; NW  
Lease: NMLC069464A

Arcturus 18 Fed 6H  
SVNE Sec. 18, T19S, R31E  
30-015-42075  
(97020) Hackberry, Bone Spring; NW  
Lease: NMLC069464A

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. 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. 8, 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 for the Arcturus 18 Fed 1H will have its own test separator/heater treater.

The working, royalty, and overriding interest owners are not identical; parties have been notified via certified mail (see attached).

See Attachments

## 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 DCP CDP #726908-00 on the west side of the facility. 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. Oil Sold through a common LACT meter using a Smith Meter S/N 1324E10049 with associated temperature average.

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 #677-49-049, then to the DCP CPD #726908-00. HP separator gas will be routed through meter #677-49-139, this meter will only be utilized if DCP is unable to take gas on their low pressure side. 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 allocation meter #677-49-116, 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 #1445620, 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 #677-49-049. Gas production from the Arcturus 18 Fed 1H well will be allocated on a daily basis using the gas allocation meter #677-49-116. The gas production from the production equipment, HP gas allocation meter, 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

**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 inaccessible. 

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: 

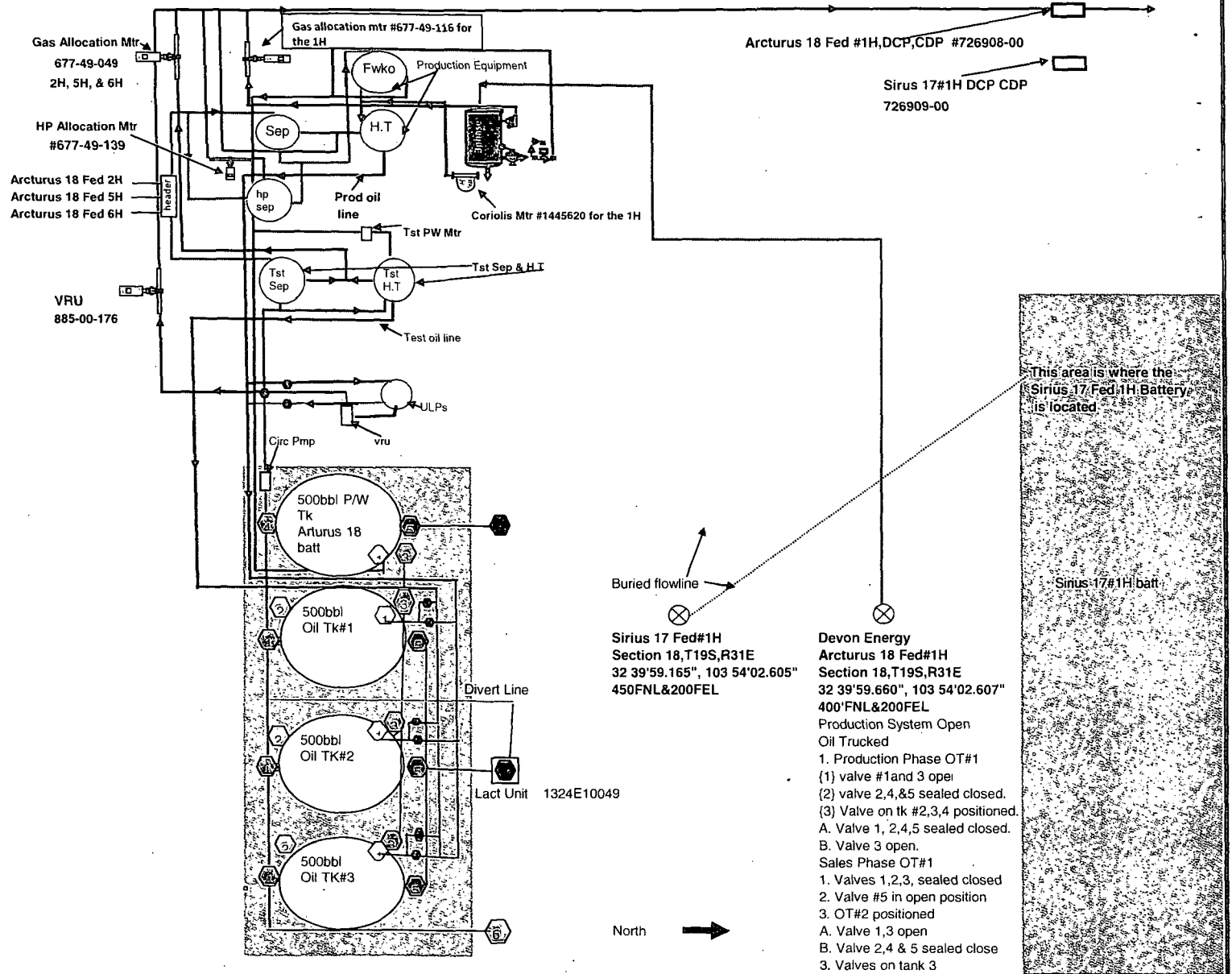
Stak-pak: 

Production line: -----

Water line: -----

Gas Meter   

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



- 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 #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>Sies 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

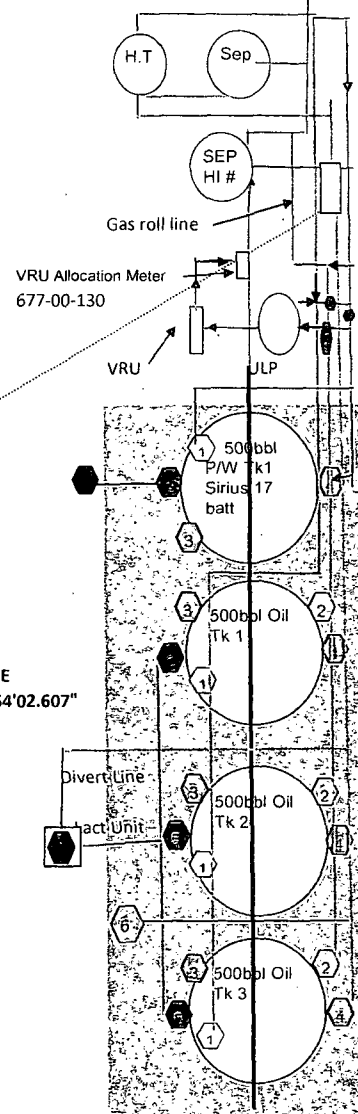
Production System Open

Oil Trucked

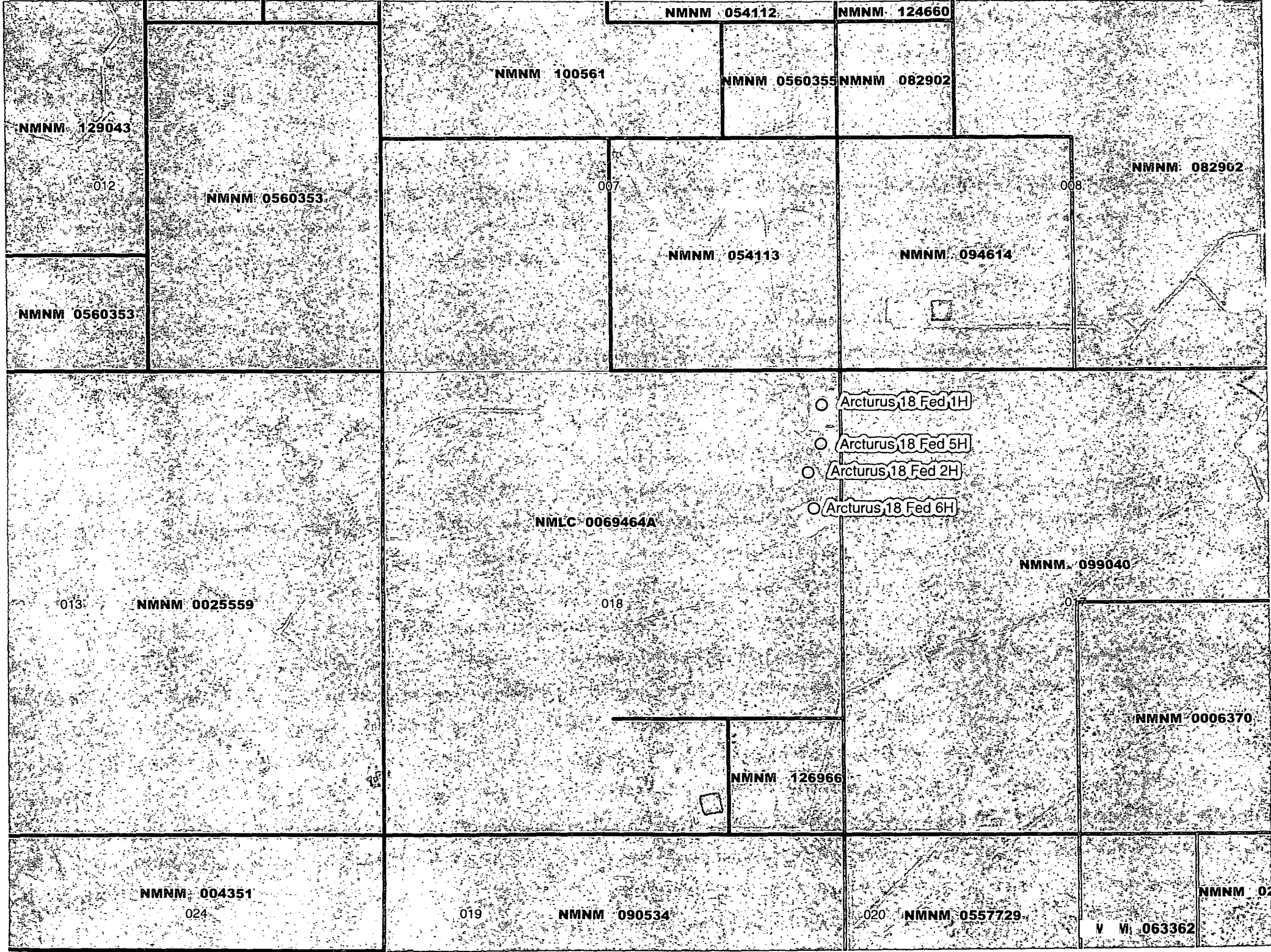
1. Production Phase OT#1
- {1} valve #1 and 3 open
- {2} valve 2,4,&5 sealed closed.
- {3} Valve on tk #2 positioned.
- A. Valve 1, 2,4,5 sealed closed.
- B. Valve 3 open.

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 →



NMNM 129043

NMNM 0560353

NMNM 0560353

NMNM 100561

NMNM 054112

NMNM 124660

NMNM 0560355 NMNM 082902

NMNM 054113

NMNM 054113

NMNM 094614

NMNM 082902

NMNM 0025559

NMMLC 0069464A

Arcturus 18 Fed 1H  
Arcturus 18 Fed 5H  
Arcturus 18 Fed 2H  
Arcturus 18 Fed 6H

NMNM 099040

NMNM 126966

NMNM 0006370

NMNM 0006370

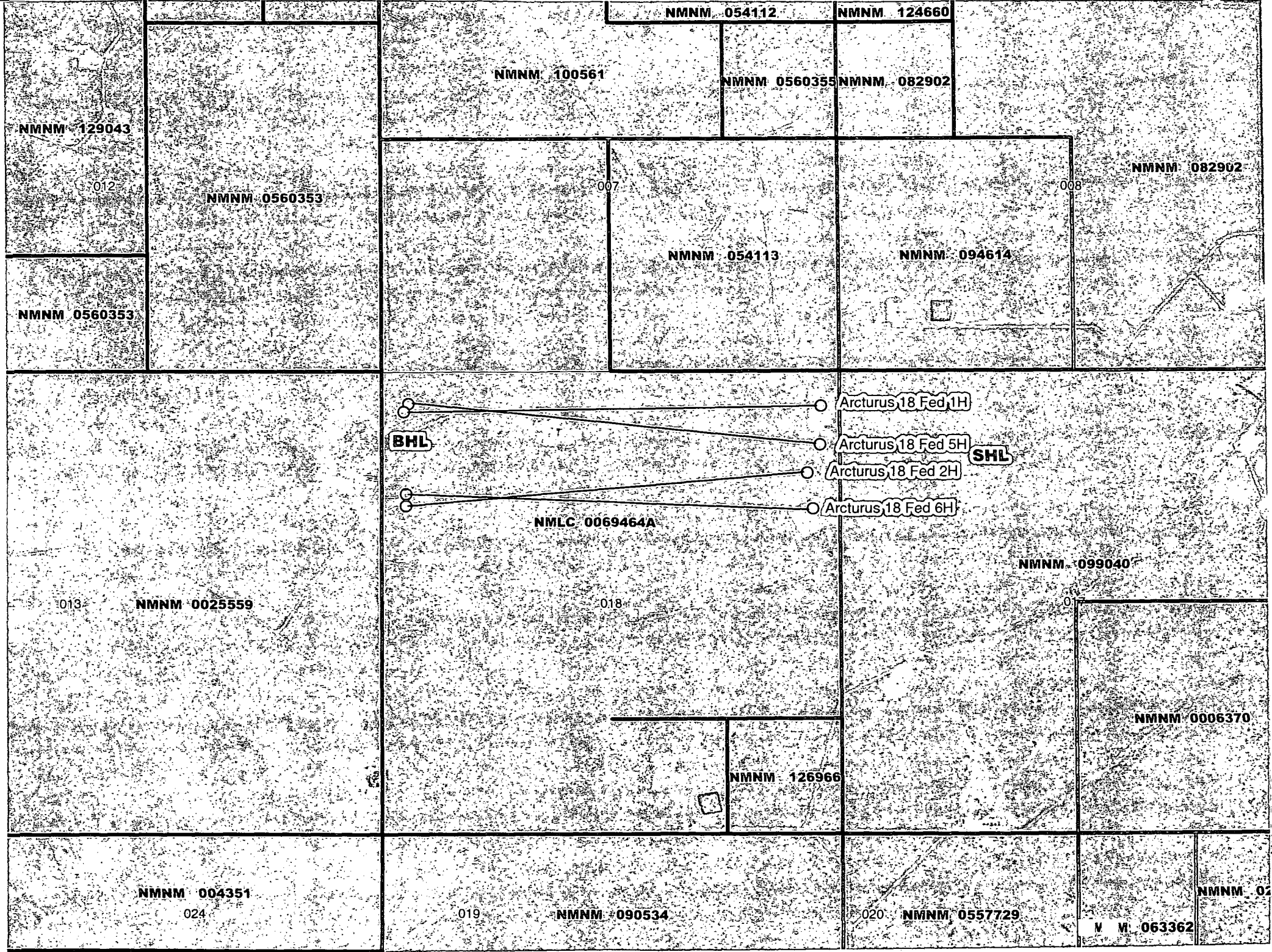
NMNM 004351

NMNM 090534

NMNM 0557729

NMNM 063362





NMNM 129043

012

NMNM 0560353

NMNM 0560353

NMNM 100561

NMNM 054112

NMNM 124660

NMNM 0560355

NMNM 082902

007

NMNM 054113

NMNM 094614

008

NMNM 082902

BHL

Arcturus 18 Fed 1H

Arcturus 18 Fed 5H

Arcturus 18 Fed 2H

SHL

Arcturus 18 Fed 6H

NMLC 0069464A

NMNM 099040

013

NMNM 0025559

018

017

NMNM 0006370

NMNM 126966

NMNM 004351

024

019

NMNM 090534

020

NMNM 0557729

NMNM 063362

NMNM 02

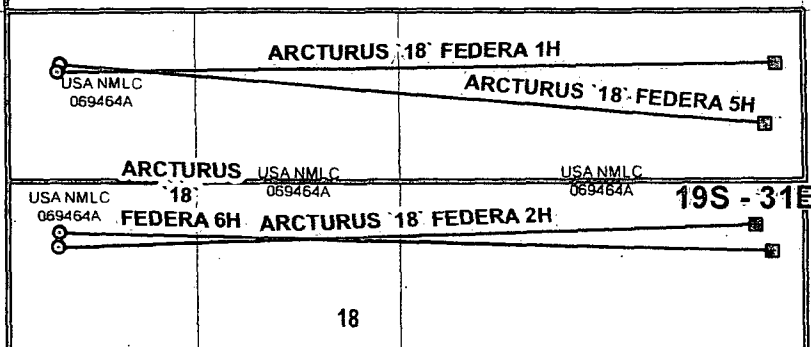


12

7

8

13 19S - 30E



17

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

devon

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 such. Devon makes  
no warranty or representation, or guarantee of any  
kind regarding this map.

GCS North American 1927  
Datum: North American 1927, Units: Degree  
Created by: devon  
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

24

19

20

NMNM 0560353  
NMNM 0560353  
NMNM 0560353  
NMNM 0560353

NMNM 054113  
NMNM 054113

NMNM 054113  
NMNM 054113

NMNM 094614  
NMNM 094614

NMNM 094614  
NMNM 094614

NMLC 0069464A

NMLC 0069464A

NMLC 0069464A  
NMLC 0069464A

NMNM 0025559  
NMNM 0025559  
NMNM 0025559  
NMNM 0025559

NMNM 099040

NMNM 099040

## 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

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

Run Time: 10:26 AM

Page 1 of 4

Run Date: 06/30/2014

01 02-25-1920;041STAT0437;30USC226

Total Acres  
744.120

Serial Number  
NMLC-- 0 069464A

Case Type 311111: O&G LSE NONCOMP PUB LAND

Commodity 459: OIL & GAS L

Case Disposition: AUTHORIZED

Serial Number: NMLC-- 0 069464A

Name & Address			Int Rel	% Interest
ACTS INC	1304 W BROADWAY PL	HOBBS NM 88240	OPERATING RIGHTS	0.00000000
BANNON EXPL CO	3608 SCR 1184	MIDLAND TX 79706	OPERATING RIGHTS	0.00000000
BAUERDORF G F	9363 WILSHIRE BLVD	BEVERLY HILLS CA 90210	LESSEE	25.00000000
DEVON ENERGY PROD CO LP	333 W SHERIDAN AVE	OKLAHOMA CITY OK 731025010	OPERATING RIGHTS	0.00000000
DOMINION OK TX EXPL & PROD INC	14000 QUAIL SPGS PKY #600	OKLAHOMA CITY OK 73134	OPERATING RIGHTS	0.00000000
DRM PROPERTIES INC	4110 E 37TH ST	ODESSA TX 79762	OPERATING RIGHTS	0.00000000
ELLIOTT ROGER T	4105 BAYBROOK DR	MIDLAND TX 79707	OPERATING RIGHTS	0.00000000
HOLLYHOCK CORP	415 W WALL #1106	MIDLAND TX 79701	OPERATING RIGHTS	0.00000000
IRWIN DAN W	118 N GRANT ST	HINSDALE IL 60521	LESSEE	6.25000000
KHODY LAND & MINERALS CO	210 PARK AVE STE 900	OKLAHOMA CITY OK 731025606	OPERATING RIGHTS	0.00000000
SCHUSTER KATHLEEN IRWIN	3213 PEPPERWOOD LN	FORT COLLINS CO 80525	LESSEE	6.25000000
WALLFAM LTD	1811 HERITAGE BLVD STE 200	MIDLAND TX 797079715	LESSEE	12.50000000
WILSON TODD M	3608 S CTY RD #1184	MIDLAND TX 79701	OPERATING RIGHTS	0.00000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	LESSEE	50.00000000
WK LAND CO	911 KIMBARK ST	LONGMONT CO 80501	OPERATING RIGHTS	0.00000000

Serial Number: NMLC-- 0 069464A

Mer Twp Rng Sec	SType	SNr Suff	Subdivision	District/Field Office	County	Mgmt Agency
23 0190S 0310E 007	ALIQ		E2SW;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S 0310E 007	LOTS		3,4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S 0310E 018	ALIQ		NE,E2W2,N2SE,SWSE;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S 0310E 018	LOTS		1-4;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

Serial Number: NMLC-- 0 069464A

23 0190S 0310E 707	FF		N2NE,SEGR;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT
23 0190S 0310E 718	FF		SESE,ASGN;	CARLSBAD FIELD OFFICE	EDDY	BUREAU OF LAND MGMT

Serial Number: NMLC-- 0 069464A

Act Date	Code	Action	Action Remark	Pending Office
06/30/1949	387	CASE ESTABLISHED		
07/01/1949	496	FUND CODE	05;145003	
07/01/1949	530	RUTY RATE - 12 1/2%		
07/01/1949	868	EFFECTIVE DATE		
08/26/1953	553	CASE CREATED BY ASGN	OUT OF NMLC069464;	
07/22/1954	235	EXTENDED	THRU 07/01/59;	
02/17/1959	140	ASGN FILED	SRN CA PETRO/ANDERSON	
03/01/1959	570	CASE SEGREGATED BY ASGN	INTO NMLC069464-C;	
03/11/1959	235	EXTENDED	THRU 02/28/61;	
02/09/1961	500	GEOGRAPHIC NAME	UNDEFINED FIELD;	
02/09/1961	510	KMA CLASSIFIED		
02/09/1961	643	PRODUCTION DETERMINATION	/1/	
02/09/1961	650	HELD BY PROD - ACTUAL	/1/	
02/09/1961	658	MEMO OF 1ST PROD-ACTUAL	/1/	
04/03/1961	102	NOTICE SENT-PROD STATUS		
05/17/1965	940	NAME CHANGE RECOGNIZED	SRN CA PETRO/SCOPE	
09/01/1968	500	GEOGRAPHIC NAME	E BENSON YATES FIELD;	
10/17/1968	512	KMA EXPANDED		
10/11/1972	140	ASGN FILED	CULBERTSON/BAUERDORF	
10/26/1981	700	LEASE SEGREGATED	INTO NMNM54112;	
06/21/1983	940	NAME CHANGE RECOGNIZED	SCOPE IND/SCOPE ENE;	

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



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

<u>Repondent Name/Address:</u>	<u>Certified Mailing Number:</u>
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 HOLIDAY, 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. RORISON 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 AGENCY 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**

<b><u>Repondent Name/Address:</u></b>	<b><u>Certified Mailing Number:</u></b>
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****Repondent Name/Address:****Certified Mailing Number:**

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 WILBLETON 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



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

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

July 1, 2014

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,

A handwritten signature in black ink, appearing to read "Erin Workman". The signature is fluid and cursive, with the first name "Erin" and last name "Workman" clearly distinguishable.

Erin Workman  
Regulatory Compliance Professional

Enclosures

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.

Erin Workman  
 Print or Type Name

Signature

Regulatory Compliance Prof.  
 Title

07.01.14  
 Date

Erin.Workman@dvn.com  
 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 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

## 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 &amp; 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

<sup>1</sup> API Number 30-015-38237	<sup>2</sup> Pool Code 92020	<sup>3</sup> Pool Name HACKBERRY, BONE SPRING, NW (O)
<sup>4</sup> Property Code 38355	<sup>5</sup> Property Name ARCTURUS 18 FEDERAL	<sup>6</sup> Well Number 1H
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	<sup>9</sup> Elevation 3441.0

<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		400	NORTH	200	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	18	19 S	31 E		476	NORTH	285	WEST	EDDY

<sup>12</sup> Dedicated Acres 160	<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.

<p>BOTTOM OF HOLE</p> <p>ARCTURUS "18" FED. #1H</p> <p>ELEV. = 3441.0'</p> <p>LAT. = 32°39'59.660"N (NAD83)</p> <p>LONG. = 103°54'02.607"W</p> <p>NMSP EAST (FT)</p> <p>N = 806485.22</p> <p>E = 674459.48</p> <p>SW CORNER SEC. 18</p> <p>LAT. = 32°39'11.17"N</p> <p>LONG. = 103°55'01.01"W</p> <p>NMSP EAST (FT)</p> <p>N = 801584.84</p> <p>E = 669485.12</p>	<p>SURFACE LOCATION</p> <p>200'</p> <p>NE CORNER SEC. 18</p> <p>LAT. = 32°40'03.62"N</p> <p>LONG. = 103°54'00.28"W</p> <p>NMSP EAST (FT)</p> <p>N = 606887.82</p> <p>E = 674656.73</p> <p><b>RECEIVED</b></p> <p>JUL 28 2011</p> <p>NMOCD ARTESIA</p>	<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>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 mineral interest in the land including the proposed bottom hole locations or has a right to drill there well as 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.</p> <p>Signature: <i>[Signature]</i> Date: 07/27/2010</p> <p>Printed Name: STEPHANIE A. YSASAGA</p> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JULY 13, 2010</p> <p>Date of Survey: 12797</p> <p>Signature and Seal of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate Number: FUMON (K) NUNILLO, PLS 12797</p> <p>SURVEY NO. 150</p>
---	---	---

**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 &amp; 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

<sup>1</sup> API Number <b>30-015-38390</b>	<sup>2</sup> Pool Code <b>91020</b>	<sup>3</sup> Pool Name <b>HACKBERRY; BONE SPRING, NW</b>
<sup>4</sup> Property Code <b>38355</b>	<sup>5</sup> Property Name <b>ARCTURUS 18 FEDERAL</b>	<sup>6</sup> Well Number <b>2H</b>
<sup>7</sup> OGRID No. <b>6137</b>	<sup>8</sup> Operator Name <b>DEVON ENERGY PRODUCTION COMPANY, L.P.</b>	<sup>9</sup> Elevation <b>3428.4</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>H</b>	<b>18</b>	<b>19 S</b>	<b>31 E</b>		<b>1650</b>	<b>NORTH</b>	<b>340</b>	<b>EAST</b>	<b>EDDY</b>

<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
<b>E</b>	<b>18</b>	<b>19 S</b>	<b>31 E</b>		<b>1820</b>	<b>NORTH</b>	<b>330</b>	<b>WEST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>160</b>	<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.

NW CORNER SEC. 18 LAT. = 32°40'03.42"N LONG. = 103°55'00.97"W NMSP EAST (FT) N = 606346.48 E = 669467.90	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	<b>17 OPERATOR CERTIFICATION</b> 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 released 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: <i>[Signature]</i> Date: <b>05/05/2010</b> Printed Name: <b>STEPHANIE A. YSASAGA</b>
BOTTOM OF HOLE <b>338'</b> BOTTOM OF HOLE	SURFACE LOCATION <b>340'</b>	
ARCTURUS "18" FED. #2H ELEV. = 3428.4' LAT. = 32°39'47.288"N (NAD83) LONG. = 103°54'04.199"W NMSP EAST (FT) N = 605235.08 E = 674328.49		<b>18 SURVEYOR CERTIFICATION</b> 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. JULY 13, 2010 Date of Survey: <b>12797</b> Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: <b>12797</b> SURVEY NO. 152
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	

PENETRATION POINT: 1650' FNL &amp; 340' FEL

☐ PRODUCING AREA☒ PROJECT AREA

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 392-6161 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 Brueros Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87503  
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 Hackberry North WEST
<sup>4</sup> Property Code 38355	<sup>5</sup> Property Name ARCTURUS "18" FEDERAL	
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	<sup>6</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
1A	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.

<p>589°31'56"W 2546.87 FT</p> <p>589°33'09"W 2642.07 FT</p> <p>845'</p> <p>250'</p> <p>845'</p> <p>2639.83 FT</p> <p>2639.83 FT</p> <p>2641.60 FT</p> <p>2640.86 FT</p> <p>500°10'30"E 2639.87 FT</p> <p>500°12'04"E 2641.60 FT</p>		<p><b>" OPERATOR CERTIFICATION</b></p> <p>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.</p> <p>Signature: <i>Judith A. Barnett</i> Date: 2-20-13</p> <p>Judith A. Barnett, Regulatory Specialist</p> <p>Printed Name: Judith Barnett@dmv.com</p> <p>E-mail Address:</p>
<p><b>" SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>FEBRUARY 14, 2013</p> <p>Date of Survey: 2-14-2013</p> <p>Signature and Seal of Professional Surveyor: <i>F. Jaramillo</i></p> <p>Certificate Number: FILLIMON P. JARAMILLO, PLS 12797</p> <p>SURVEY NO. 1592</p>		

District I  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone: (505) 995-6161 Fax: (505) 995-0720  
 District II  
 811 S. First St., Artesia, NM 88210  
 Phone: (505) 748-1283 Fax: (505) 748-0720  
 District III  
 1000 Rio Grande Blvd., Aztec, NM 87410  
 Phone: (505) 334-6179 Fax: (505) 334-6170  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone: (505) 476-3469 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 API Number <b>30-015-42015</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					
LL or lot no. <b>H</b>	Section <b>18</b>	Township <b>19 S</b>	Range <b>31 E</b>	Lot Idn <b>1820</b>	Feet from the North/South line <b>NORTH</b>
				Feet from the <b>208</b>	East/West line <b>EAST</b>
				County <b>EDDY</b>	
10 Bottom Hole Location If Different From Surface					
LL or lot no. <b>2</b>	Section <b>18</b>	Township <b>19 S</b>	Range <b>31 E</b>	Lot Idn <b>1700</b>	Feet from the North/South line <b>NORTH</b>
				Feet from the <b>340</b>	East/West line <b>WEST</b>
				County <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.

N89°31'56"E 2546.87 FT NW CORNER SEC. 18 LAT. = 32.6676011°N LONG. = 103.9169329°W NMSP EAST (FT) N = 808855.62 E = 669475.10		N89°33'09"E 2642.07 FT N Q CORNER SEC. 18 LAT. = 32.6676305°N LONG. = 103.9086586°W NMSP EAST (FT) N = 808876.46 E = 672019.29		NE CORNER SEC. 18 LAT. = 32.6676579°N LONG. = 103.900749°W NMSP EAST (FT) N = 808897.08 E = 674660.66	
700' 2639.87 FT		1820' 2639.87 FT		2639.87 FT	
340' BOTTOM OF HOLE LAT. = 32.6629334°N LONG. = 103.9158332°W NMSP EAST (FT) N = 605158.33 E = 669216.21		SURFACE LOCATION E Q CORNER SEC. 18 LAT. = 32.6604036°N LONG. = 103.9000487°W NMSP EAST (FT) N = 604257.94 E = 674679.48		208' 2639.87 FT	
W Q CORNER SEC. 18 LAT. = 32.6603467°N LONG. = 103.9169404°W NMSP EAST (FT) N = 604216.42 E = 669481.16		ARCTURUS "18" FEDERAL #6H ELEV. = 3430.5' LAT. = 32.6626543°N (NAD83) LONG. = 103.9007525°W NMSP EAST (FT) N = 605075.91 E = 674465.67		2639.87 FT	
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.					
3 2641.60 FT		3 Q CORNER SEC. 18 LAT. = 32.6531159°N LONG. = 103.9085961°W NMSP EAST (FT) N = 601595.96 E = 672059.65		SE CORNER SEC. 18 LAT. = 32.6531463°N LONG. = 103.9000209°W NMSP EAST (FT) N = 601617.77 E = 674698.31	
SW CORNER SEC. 18 LAT. = 32.6530875°N LONG. = 103.9169439°W NMSP EAST (FT) N = 601575.48 E = 669490.43		2639.87 FT		2640.86 FT	

**17 OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of our knowledge and belief, and that this organization either owns a working interest or released 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: *Judy A. Barnett* Date: *7-10-13*

Printed Name: **Judy A. Barnett, Regulatory Specialist**

E-mail Address: **Judith.Barnett@dvn.com**

**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.

Signature and Seal of Professional Surveyor: *FILMON F. JARAMILLO*

Certificate Number: **FILMON F. JARAMILLO, PLS 12707**

Date of Survey: **MAY 19, 2013**

SURVEY NO. 1840

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Arcturus 18 Fed 1H, Lease: NMLC069464A  
Arcturus 18 Fed 2H, Lease: NMLC069464A  
Arcturus 18 Fed 5H, Lease: NMLC069464A  
Arcturus 18 Fed 6H, Lease: NMLC069464A**

**Devon Energy Production Co.**

December 15, 2014

**Condition of Approval**

**Commingling of lease production, This is only done as required by NMOCD due to diverse ownership of wells**

1. This approval is subject to like approval by the New Mexico Oil Conservation Division.
2. This agency shall be notified of any spill or discharge as required by NTL-3A.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
4. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
5. Approval for combining production from various sources is a privilege which is granted to lessees for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.
6. All above ground structures on the lease shall be painted Shale Green (5Y 4/2), or as per approved APD stipulations. This is to be done within 90 days, if you have not already done so.
7. Gas measurement for allocation must be measured as per Onshore Order #5 for sales meters.
8. All gas and oil subject to royalty shall be measured as per federal regulations and shall be reported to ONRR as required. All gas which is vented, flared or used on lease shall be reported as per NTL-4A to ONRR. All gas which is vented or flared shall be subject to royalty, unless prior approval was given by the authorized officer.
9. This agency shall be notified of any change in sales method or location of sales point.
10. Additional wells and/or leases require additional commingling approvals.
11. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.
12. Variance to Onshore Order #4 oil measurement to use Coriolis meters is approved with this approval.