

DATE IN 5.2.12	SUSPENSE	ENGINEER RE	LOGGED IN 5.2.12	TYPE OCM	PTG-W	APP NO. 1212341948
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Devon

Arcturus 18 Feb. 3H 4H

ADMINISTRATIVE APPLICATION CHECKLIST 30-015-38943

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.

Melanie Crawford

Print or Type Name

Signature

Regulatory Analyst

Title

2-16-12

Date

Melanie.Crawford@dvn.com

E-mail Address



Devon Energy Production Company
20 North Broadway - CT 3.058
Oklahoma City, Oklahoma 73102-8260
Phone: (405)-552-5424
Fax (405)-552-1358
Melanie.Crawford@dev.com

February 16, 2012

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

**Re: Lease Commingle, Off Lease Measurement, Sales, & Storage
Arcturus 18 Federal 3H & Arcturus 18 Federal Com 4H
Sec 18-T19S-31E
NMLC 069464-A & NM 126966
API # 30-015-38953 & 30-015-38611
Hackberry; Bone Spring; NW (O) Pool Code: 97020 ✓
Eddy County, New Mexico**

RECEIVED OCD
2012 MAY -2 A 10:27

Dear Mr. Ezeanyim:

Please find attached the OCD Form C-103 and BLM Form 3160-5 Sundry Notice of Intent Lease Commingle, Off Lease Gas Measurement & Sale the aforementioned wells. The working interest, royalty interest and overriding royalty interest owners are not identical; notification has been sent (see attached).

BLM sundry approval and BLM conditions of approval attached.

Should you require any additional information or assistance, please do not hesitate to contact me at (405)-552-4524.

Very truly yours,

DEVON ENERGY PRODUCTION COMPANY, L.P.

Melanie Crawford
Regulatory Analyst

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: 20 North Broadway, 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 (Specify)

(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING

Please attach sheets with the following information

(1) Pool Name and Code.

(2) Is all production from same source of supply? ☒ Yes ☒ No

(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No

(4) Measurement type: ☐ Metering ☒ Other - Well Test Method

(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: Melanie Crawford TITLE: Regulatory Analyst

DATE: 2-16-12

TYPE OR PRINT NAME: Melanie Crawford TELEPHONE NUMBER: 405-552-4524

E-MAIL ADDRESS: Melanie.Crawford@dvn.com

• Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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 and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-38953 & 30-015-38611
5. Indicate Type of Lease FED <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. See Below
7. Lease Name or Unit Agreement Name See Below
8. Well Number See Below
9. OGRID Number 6137
10. Pool name or Wildcat 97020 Hackberry; Bone Spring, NW (O)

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH
PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Devon Energy Production Company, LP

3. Address of Operator
20 North Broadway Oklahoma City, Oklahoma 73102-8260 (405) 552-4524

4. Well Location
Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line
Section 18 Township 19S Range 31E NMPM Eddy County, New Mexico

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
n/a

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____

Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
OTHER: Lease Commingle, Off Lease Measurement, Sales, &
Storage ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date
of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion
or recompletion.

Devon Energy Production Co., LLP respectfully requests to Lease Commingle, Off Lease Measurement, Sales & Storage the following
wells:

Arcturus 18 Federal 3H NMLC 069464-A
Arcturus 18 Federal Com 4H NMLC069464-A, NMNM 126966, & Pending CA#
SHL BHL

The two Arcturus wells are located on the one well pad. The wells will share a tank battery and DCP CDP 726972-00. Both facilities are
located on the well pad. Please see attached for description of production for wells.

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

ROW will or has already been obtained.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-
grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE: Melanie Crawford TITLE: Regulatory Analyst DATE: _____

Type or print name Melanie Crawford E-mail address: Melanie.Crawford@dvn.com Telephone No. (405) 552-4524
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.5. 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 ☐ Other8. Well Name and No.
ARCTURUS 18 FEDERAL 3H

2. Name of Operator

DEVON ENERGY PRODUCTION CO LP

Contact: MELANIE A CRAWFORD

Email: melanie.crawford@dvn.com

9. API Well No.
30-015-38953-00-X1

3a. Address

20 NORTH BROADWAY SUITE 1500
OKLAHOMA CITY, OK 73102

3b. Phone No. (include area code)

Ph: 405-552-4524

10. Field and Pool, or Exploratory
HACKBERRY

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

Sec 18 T19S R31E SWSW Lot M 1000FSL 340FWL

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

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

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 recomple 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 recomple 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 Co LP respectfully requests to Lease Commingle, Off Lease Measurement, Sales & Storage the following wells:

Arcturus 18 Federal 3H
30-015-38953
NMLC 069464-A

Arcturus 18 Federal Com 4H
30-015-38611
SHL: NMLC069464-A, BHL: NM126966, Pending CA

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

The two Arcturus wells are located on one well pad. These wells will share a tank battery and DCP

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

Electronic Submission #131091 verified by the BLM Well Information System

For DEVON ENERGY PRODUCTION CO LP, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 02/21/2012 (12KMS1036SE)

Name (Printed/Typed) MELANIE A CRAWFORD


Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 02/16/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By



Title

LPE7

Date

4/22/12

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

CFO

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 #131091 that would not fit on the form

32. Additional remarks, continued

CDP Gas Meter 726972-00.

APPLICATION FOR CENTRAL TANK BATTERY, LEASE COMMINGLING & OFF-LEASE MEASUREMENT, SALES, & STORAGE

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

Lease commingling proposal for Arcturus:

Devon Energy Production Company, LP is requesting approval for the Lease Commingling, Off Lease Measurement, Sales and Storage for the Arcturus 18 Federal 3H and Arcturus 18 Federal Com 4H.

Federal Lease: NMLC 069464-A

Well Name	Location	API #	Pool 97020	BOPD	Oil Gravity	MCFPD	BTU
*Arcturus 19 Federal 3H	18-T19S-31E	30-015-38953	Hackberry: Bone Spring, NW (O)	N/A	N/A	N/A	N/A
<i>Submit upon completion of well</i>							

Federal Lease: NMLCF 069464-A, NMNM 126966, & Pending CA

Well Name	Location	API #	Pool 97056	BOPD	Oil Gravity	MCFPD	BTU
*Arcturus 19 Federal Com 4H	18-T19S-31E	30-015-38611	Hackberry: Bone Spring, NW (O)	N/A	N/A	N/A	N/A
<i>Submit upon completion of well</i>							

*Wells are currently drilling and/or completing and will provide production once available by Sundry for both wells listed.

A map is enclosed showing the Federal leases and well locations in Section 18-T19S- R31E. The ownership in the Arcturus lease is not uniform; working, royalty, and overriding interest owners have been notified of this proposal via certified mail.

Oil & Gas metering:

A central tank battery will be located at the Arcturus well pad that is located in the Section 18-T19S-R31E. A common gas sales meter associated with a DCP CDP 726972-00 is also located on the well pad located in Sec 18-19S-R31E. The oil and gas will from the Arcturus 18 Federal Com 4H will be commingled, measured and sold off lease; using the Well Test Method.

Oil, gas and water volumes from each well producing to this battery will be determined by using a test separator/heater treater at the proposed facility so that one well is always producing through the testing equipment. Production will be allocated on a daily basis based on the most recent individual well test of oil, gas and water. Well tests for each well will be conducted at least once per month. The time frame of the test will be ~~daily~~ *24 hr* and the test will flow into a tank. The test meter number is 677-49-147.

The BLM's interest in these wells is the same. Waste is not induced and no correlative rights are impaired. These meters will be calibrated on a regular basis per API, NMOCD and BLM specifications. The BLM and OCD will be notified of any future changes in the facilities.

Process and Flow Descriptions:

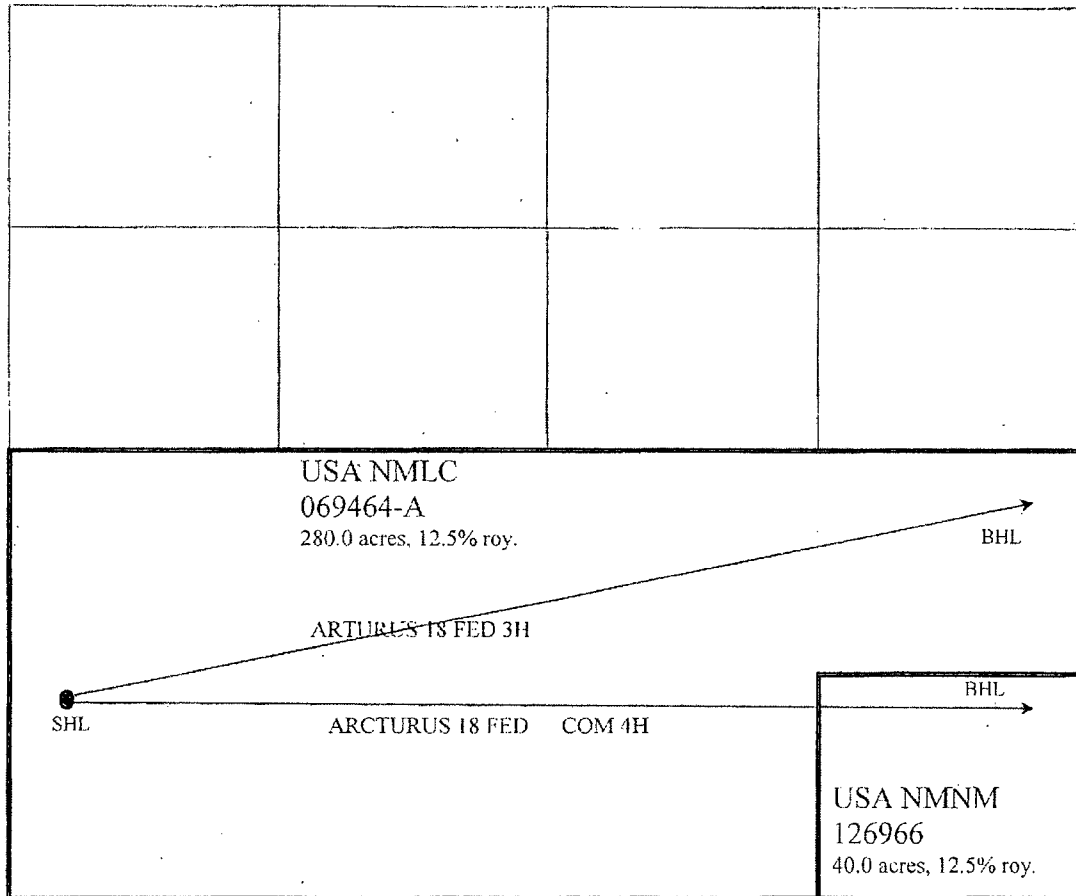
Please see attached diagram for the proposed Arcturus 18 Federal 3H & Arcturus 18 Federal Com 4H tank battery. The flow of produced fluids is shown in detail along with a description of each vessel.

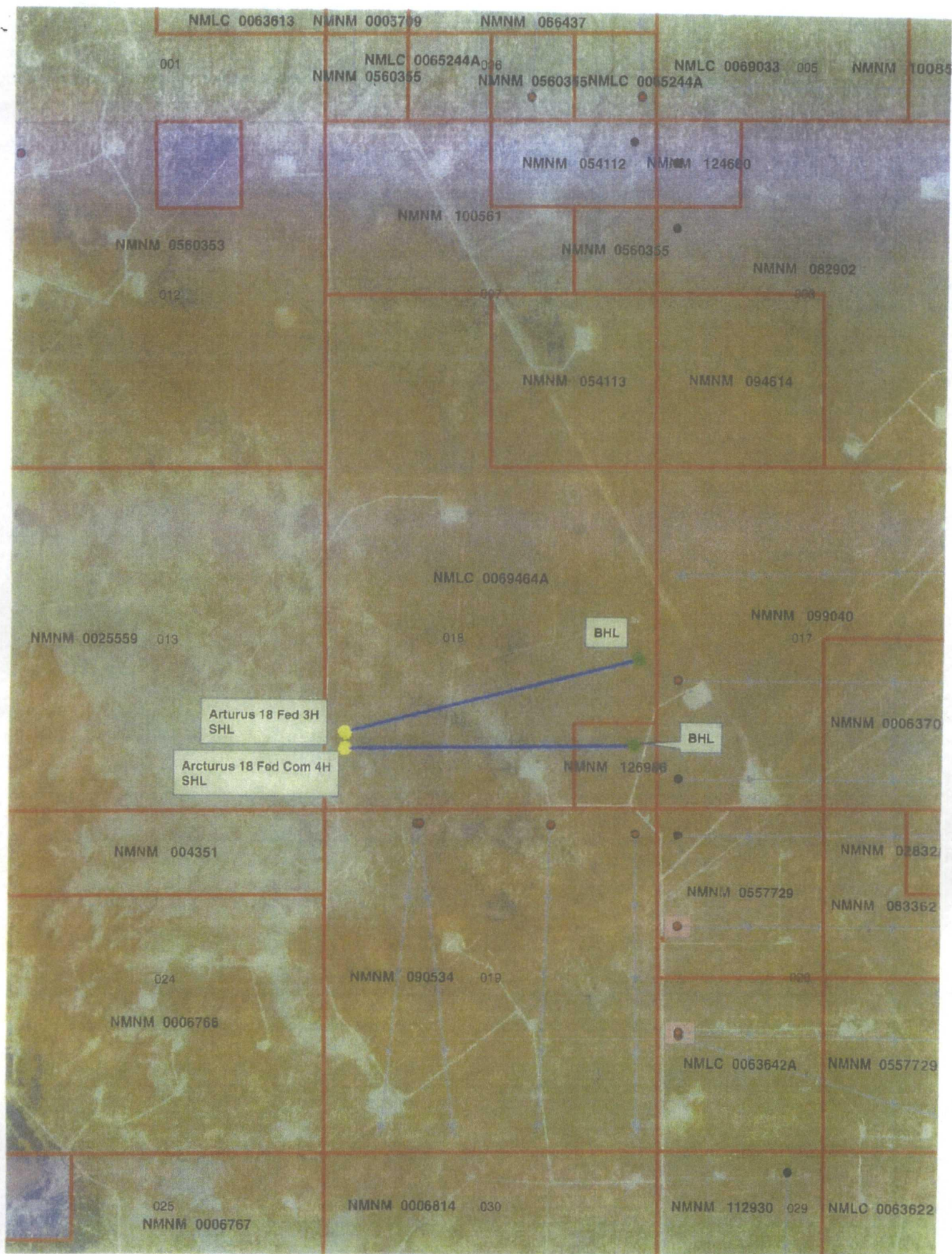
The commingling of production is in the interest of conservation and waste and will result in the most effective, economic means of producing the reserves in place from the affected wells and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce operating expenses as well as reduce the surface facility footprint and overall emissions.

Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument. Additionally, Devon Energy Production Co., LP will submit within 30 days, an application for right-of-way approval to the BLM and NMOCD section in your office, if we have not already done so.

Signed: Melanie Crawford
Printed Name: Melanie Crawford
Title: Regulatory Analyst
Date: 2-16-17

Arcturus 18 Federal 3 H
Arcturus 18 Federal Com 4H
Section 18-T19S-R31E, Eddy County, New Mexico





Arcturus 18 Fed #3H
Section 18,T19S,R31E
1200FSL&340FWL
Eddy County, N.M

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: Equalizer Line
- Valve #4: Circ./Drain Line
- Valve #5: Stes Line
- Valve #6: BS&W Load Line

Buried Lines:

Firewall:

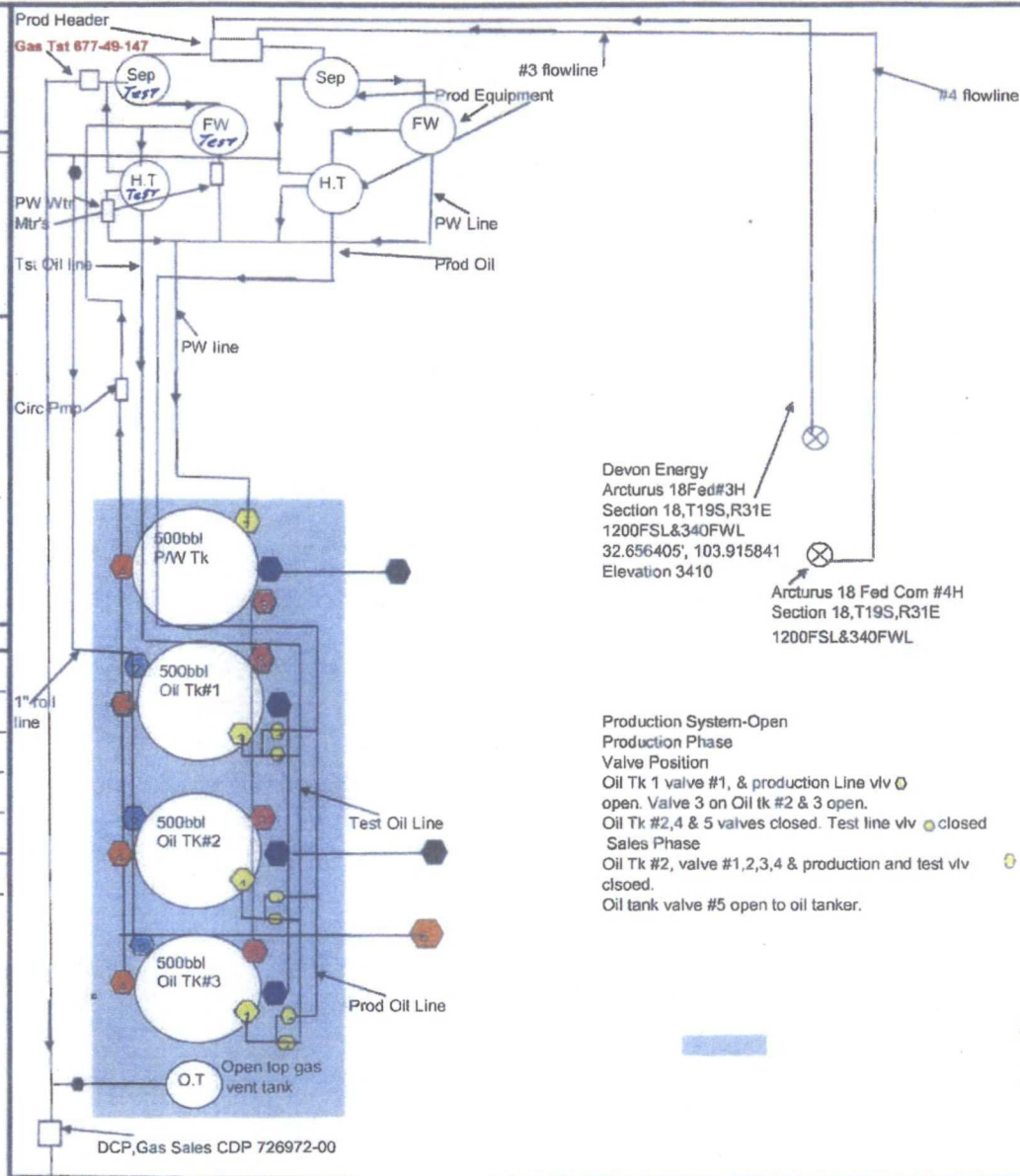
Wellhead:

Stak-pak:

Production line:

Water line:

Gas Meter (A) (M) (C)



Production System-Open
 Production Phase
 Valve Position
 Oil Tk 1 valve #1, & production Line vlv open. Valve 3 on Oil tk #2 & 3 open.
 Oil Tk #2,4 & 5 valves closed. Test line vlv closed
 Sales Phase
 Oil Tk #2, valve #1,2,3,4 & production and test vlv closed.
 Oil tank valve #5 open to oil tanker.

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

**Arcturus 18 Federal 3H and 4H
Devon Energy Production Co., LP
April 22, 2011**

**Condition of Approval
Commingling on and off lease**

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. **Upon completion of the wells submit production daily volumes and BTU for gas and gravity for oil.**
12. **Need to submit for Com. Agreement for Arcturus 18 Federal 4H. If Com. Agreement would include the acreage of both well this commingling agreement would not be required.**



Devon Energy Corporation
20 North Broadway
Oklahoma City, OK 73102-8260

405 235 3611 Phone
www.devonenergy.com

April 30, 2012

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Request for Lease Commingle, Off Lease Measurement, Sales, & Storage
Arcturus 18 Federal 3H & Arcturus 18 Federal Com 4H
Sec 18-T19S-R31E
API # 30-01538953 and API # 30-015-38611
Pool 97020 Hackberry; Bone Spring; NW(O)
Eddy County, New Mexico

Gentlemen:

This is to advise you that Devon Energy Production Company, LP, is filing an application with the New Mexico Oil Conservation Division ("NMOCD") seeking approval to permit a lease commingle, off lease measurement, sales and Storage of production from the above leases and pools.

A copy of our application submitted to the Division is attached.

Any objections or requests that a hearing should be held regarding this application must be submitted to the New Mexico Oil Conservation Division Santa Fe office within 20 days from the date of this letter.

Please contact the undersigned at (405) 552-4524 should you have any questions or need anything further.

Sincerely,

Devon Energy Production Company, L.P.

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

Melanie Crawford
Regulatory Analyst

Enclosure

Estate of Lonye Maria Williams
Williams T McGee Personal Rep
1701 River Run Rd, Ste 501
Fort Worth, TX 76107-6548

Certified Mailing
Number: 7010-1060-
0000-0920-4329

Estate of Phyllis M Wolfe
Sarah L Whitman Succ Pers Rep
8724 Highland Ave
Highland, IN 46322

Certified Mailing
Number: 7010-1060-
0000-0920-4336

Ronald A Neal
PO Box 142
Fortuna, CA 95540

Certified Mailing
Number: 7010-1060-
0000-0920-4343

Janice E Shrosbree
2823 Kenmar Rd
Fortuna, CA 95540

Certified Mailing
Number: 7010-1060-
0000-0920-4350

Ima Lee Mellard
1512 Hank St
Artesia, NM 88210

Certified Mailing
Number: 7010-1060-
0000-0920-4367

Meghan Mary Ann Mellard
2 Isla Ct
Roswell, NM 88201

Certified Mailing
Number: 7010-1060-
0000-0920-4374

James Patrick Mellard
169 Cliffside
Holliday, TX 76366

Certified Mailing
Number: 7010-1060-
0000-0920-4381

Sally Mellard W Bernhardt
425 N Lake Rd
Holliday, TX 76366

Certified Mailing
Number: 7010-1060-
0000-0920-4398

Patricia Ailish Mellard Schutz
65 Sunset Way
Muir Beach, CA 94965

Certified Mailing
Number: 7010-1060-
0000-0920-4404

Janine A Mellard Schoolcraft
3015 Denison Ave
Snyder, TX 79549-4433

Certified Mailing
Number: 7010-1060-
0000-0920-4411

Joy Kindlesparger Lozano
3743 Maple Ave
Odessa, TX 79762-6948

Certified Mailing
Number: 7010-1060-
0000-0920-4428

Mary Christina Deal Hines
220 Santa Rosa St
Austin, TX 78702

Certified Mailing
Number: 7010-1060-
0000-0920-4435

Carol Deal Schaefer
7044 50th Ave NE
Seattle, WA 98115

Certified Mailing
Number: 7010-1060-
0000-0920-4442

Anna Louise Deal Pluymen
Ten Esschen 43
6412 PS Heerlen
Netherlands

Certified Mailing
Number: 7010-1060-
0000-0920-4466 0923-3213

Lanham Culberson Deal
2648 15th Ave West Box 1044
Seattle, WA 98119

Certified Mailing
Number: 7010-1060-
0000-0920-4466

Joan M Voigt
7 Sherborne Wood
San Antonio, TX 78218

Certified Mailing
Number: 7010-1060-
0000-0918-4638

Durango Production Corporation
PO Box 5858
Wichita Falls, TX 76308

Certified Mailing
Number: 7010-1060-
0000-0918-4645

Ballard E Spencer Trust Inc
PO Box 6
Artesia, NM 88211-0006

Certified Mailing
Number: 7010-1060-
0000-0918-4652

Stanford University
% Bank of America
PO Box 840738
Dallas, TX 75284-0738

Certified Mailing
Number: 7010-1060-
0000-0918-4669

ONRR-Minerals Mgmt. Service
Royalty Management Program
PO Box 25627
Denver, CO 80225-0627

Certified Mailing
Number: 7010-1060-
0000-0918-4676

PBR Properties Joint Venture
PO Box 2802
Midland, TX 79702

Certified Mailing
Number: 7010-1060-
0000-0918-4683

Wallfam Limited Partnership
1811 Heritage Blvd, Ste 200
Midland, TX 79707

Certified Mailing
Number: 7010-1060-
0000-0918-4690

Family Trust of John Olaf & Sharon Larue Larsgaard
John Olaf & Sharon Larue Larsgaard, tees
7627 146th Ave E
Sumner, WA 98390

Certified Mailing
Number: 7010-1060-
0000-0918-4706

Zanaida Ruth Griffin
2808 Abingdon Parkway
Birmingham, AL 35243

Certified Mailing
Number: 7010-1060-
0000-0918-4713

Vicki L Owens
4220 S CR 1290 SP 75
Odessa, TX 79765

Certified Mailing
Number: 7010-1060-
0000-0918-4720

Scott C Henson
9430 Powerhouse Rd
Newcastle, CA 95658-9730

Certified Mailing
Number: 7010-1060-
0000-0918-4737

Constance B Cartwright, Trustee; UWO George F
Bauerdorf; River House
435 E 52nd St. Apt 5-B
New York, NY 10022-6455

Certified Mailing
Number: 7010-1060-
0000-0918-4744

Jean Edna Hunt Trust
Jean Edna Hunt Trustee
PO Box 251406
Plano, TX 75025-1406

Certified Mailing
Number: 7010-1060-
0000-0918-4751

Franklin Thompson Family Agcy
Bank of America NA, Agent; Trust #4012
PO Box 840738
Dallas, TX 75284-0738

Certified Mailing
Number: 7010-1060-
0000-0918-4768

Jane Landreth Russell Agency
Farmers National Co, Agent
Loc Box 3480
Omaha, NE 68103-0480

Certified Mailing
Number: 7010-1060-
0000-0918-4775

W K Land Company A Co Pshp
Rex Ross Walker, Mg Ptr
911 Kimbark St
Longmont, CO 80501-4510

Certified Mailing
Number: 7010-1060-
0000-0920-4251

Howard H Hall III
% Horseshoe Investments
5425 Manchester Ave
St. Louis, MO 63110

Certified Mailing
Number: 7010-1060-
0000-0920-4268

John Scott Hall
% Horseshoe Investments
5425 Manchester Ave
St. Louis, MO 63110

Certified Mailing
Number: 7010-1060-
0000-0920-4275

Virginia H Baer
% Richard H Harrington AIF
2154 Burtonsville Dr
Henderson, NV 89044

Certified Mailing
Number: 7010-1060-
0000-0920-4282

Kathleen Irwin Schuster Trust
Kathleen Irwin Schuster, TTEE
3213 Pepperwood Ln
Fort Collins, CO 80525-2944

Certified Mailing
Number: 7010-1060-
0000-0920-4299

Concho Oil & Gas LLC
505 W Texas Ave., Ste 100
Midland, TX 79701

Certified Mailing
Number: 7010-1060-
0000-0920-4305

Cimarex Energy Co.
600 N Marienfeld Street, Ste 600
Midland, TX 79701

Certified Mailing
Number: 7010-1060-
0000-0920-4312

Stephanie P Troth
5714 E Acoma Dr
Scottsdale, AZ 85254

Certified Mailing
Number: 7010-1060-
0000-0920-4107

Robin Fredrick Hill
1836 Shaded Wood Rd
Walnut, CA 91789-4011

Certified Mailing
Number: 7010-1060-
0000-0920-4114

Steven P Thompson
PO Box 14596
Odessa, TX 79768

Certified Mailing
Number: 7010-1060-
0000-0920-4121

Clarence W Spencer & Marguerite Spencer
2109 Pike 93 South
Osyka, MS 39657

Certified Mailing
Number: 7010-1060-
0000-0920-4138

Cannon Exploration Company
3608 S County Road 1184
Midland, TX 79706-6468

Certified Mailing
Number: 7010-1060-
0000-0920-4145

Dan W Irwin
118 N Grant St
Hinsdale, IL 60521

Certified Mailing
Number: 7010-1060-
0000-0920-4152

Melinda Anne Benagh
4000 N Fm 620 #13
Austin, TX 78734

Certified Mailing
Number: 7010-1060-
0000-0920-4169

John Eric Thickstun
6672 Michaeljohn Dr.
La Jolla, CA 92037

Certified Mailing
Number: 7010-1060-
0000-0920-4176

Patrick Dooley
1006 South 2nd Street
Artesia, NM 88210

Certified Mailing
Number: 7010-1060-
0000-0920-4183

Mary Susan Thickstun
5690 Arbor Grove Ct
San Diego, CA 92121

Certified Mailing
Number: 7010-1060-
0000-0920-4190

Thomas Lusk Thickstun
312 Fox Glove Dr
Kyle, TX 78640

Certified Mailing
Number: 7010-1060-
0000-0920-4206

Patricia Benaugh White
806 Lari Dawn
San Antonio, TX 78640

Certified Mailing
Number: 7010-1060-
0000-0920-4213

Jennifer Thickstun Fessler
2557 Roscomare Road
San Antonio, TX 90077

Certified Mailing
Number: 7010-1060-
0000-0920-4220

Kathryn Ann Thickstun Leff
3131 Xenophon St
San Diego, CA 92106-1537

Certified Mailing
Number: 7010-1060-
0000-0920-4237

Edward Landreth Smith
1675 Hwy 591
Dublin, TX 76446

Certified Mailing
Number: 7010-1060-
0000-0920-4244

Barbara C Larimore
% Mineral Services Inc Agent
PO Box 244
St. Jacob, IL 62281-0244

Certified Mailing
Number: 7010-1060-
0000-0918-5086

Harold G Hartsock Living Trust
Harold G, Mary Louise Hartsock, Trustees
PO Box 1449
Sanford, FL 32772-1449

Certified Mailing
Number: 7010-1060-
0000-0918-5093

Ralph Alexander Stricker
3702 E Campbell Ave
Phoenix, AZ 85018

Certified Mailing
Number: 7010-1060-
0000-0918-5109

Helen Joy Smith LLC
%Adam B Smith, CPA
5410 26th Street West
Brandenton, FL 34207

Certified Mailing
Number: 7010-1060-
0000-0918-5116

Billie J David, Life Tenant
PO Box 7706
Midland, TX 79708

Certified Mailing
Number: 7010-1060-
0000-0918-5123

Edith A Shelton Marital Trust
Bill Shelton, Trustee
218 W Glen Eagles Rd
Statesville, NC 28625

Certified Mailing
Number: 7010-1060-
0000-0918-6564

COG Operating LLC
505 W. Texas Ave., Ste 100
Midland, TX 79701

Certified Mailing
Number: 7010-1060-
0000-0918-6571

Leisa G Waylett
510 W Walnut
Decatur, TX 76234

Certified Mailing
Number: 7010-1060-
0000-0918-4607

Charlotte G meador
PO Box 395
Decatur, TX 76234

Certified Mailing
Number: 7010-1060-
0000-0918-4614

Ronald T Gettys
PO Box 367
Decatur, TX 76234

Certified Mailing
Number: 7010-1060-
0000-0918-4621

Riall S Moore f
1359 Linda Mar Blvd
Pacifica, CA 94044

Certified Mailing
Number: 7010-1060-
0000-0920-4053

Shannon Moore
PO Box 357
Rio Nido, CA 95471

Certified Mailing
Number: 7010-1060-
0000-0920-4060

Ramona L Clark
1615 NW 101st Street
Clive, IA 50325

Certified Mailing
Number: 7010-1060-
0000-0920-4077

Helen Marie White
PO Box 24492
Cincinnati, OH 45224

Certified Mailing
Number: 7010-1060-
0000-0920-4084

Michelle Ruth White
290 12th St
Arcata, CA 95521

Certified Mailing
Number: 7010-1060-
0000-0920-4091

Estate of Florence M Dooley; C/O Patrick Dooley
Personal Representative
1006 South 2nd Street
Artesia, NM 88210

Certified Mailing
Number: 7010-1060-
0000-0918-4935

Terence Patrick Perkins
304 S Ave F
Portales, NM 88130-6226

Certified Mailing
Number: 7010-1060-
0000-0918-4942

W A Landreth Jr
3207 W 4th St
Ft Worth, TX 76102

Certified Mailing
Number: 7010-1060-
0000-0918-4959

Mary Lindsey Kesterson Agency
Farmers National Co, Agent
Lock Box 3480
Omaha, NE 68103-0480

Certified Mailing
Number: 7010-1060-
0000-0918-4966

Mary Adele Landreth Smith
%Edward Landreth Smith
1675 Highway 591
Dublin, TX 76446

Certified Mailing
Number: 7010-1060-
0000-0918-4973

William Locke Allison III
2641 Fines Creek Drive
Statesville, NC 28625

Certified Mailing
Number: 7010-1060-
0000-0918-4980

Elizabeth Foster Tennant
701 Bering Dr #204
Houston, TX 77057

Certified Mailing
Number: 7010-1060-
0000-0918-4997

John T Landreth Trust
504 Fort Worth Club Bldg
306 West 7th Street
Fort Worth, TX 76102-4905

Certified Mailing
Number: 7010-1060-
0000-0918-5000

Thomas Ausley Allison
1122 Dogwood Rd
Statesville, NC 28677-3463

Certified Mailing
Number: 7010-1060-
0000-0918-7516

Gesler Grandchildrens Trust; James Wendell Gesler
& Peter Wayne Gesler Co TTEES
1400 Hunt Club Dr
Wooster, OH 44691

Certified Mailing
Number: 7010-1060-
0000-0918-7523

Trust UWO Bettie Allison Rand, William G Rand, William
G Rand Jr & Allison R Guess TTEES; Wells Fargo Securities
Acct# 5279-4163
1701 Sunset Ave, Ste 300
Rocky Mount, NC 27804-9901

Certified Mailing
Number: 7010-1060-
0000-0918-5031

Hazel N Collins Family Trust
%Plainscapital Bank-Ed Fritz
3707 Camp Bowie Blvd, Ste 220
Fort Worth, TX 76107

Certified Mailing
Number: 7010-1060-
0000-0918-5048

John Michael Esses
10 Via Slano
Rancho Santa MA, CA 96288-1330

Certified Mailing
Number: 7010-1060-
0000-0918-5055

Ella Joan Neal Living Trust
6235 E Sea Breeze Dr
Long Beach, CA 90803

Certified Mailing
Number: 7010-1060-
0000-0918-5062

Florence B Clark Hall
%Mineral Services Inc Agent
PO Box 244
St. Jacob, IL 62281-0244

Certified Mailing
Number: 7010-1060-
0000-0918-5079

Lynda L Shropshire Trust #1; Farmers National Co
Agent 7884; Oil/Gas Management
PO Box 3480
Omaha, NE 68103-0489

Certified Mailing
Number: 7010-1060-
0000-0918-4782

Robert H Tennant
9563 Doliver
Houston, TX 77063

Certified Mailing
Number: 7010-1060-
0000-0918-4799

Robert H Tennant Jr Testamenta; Robert H Tennant, ttee
9563 Doliver
Houston, TX 77063

Certified Mailing
Number: 7010-1060-
0000-0918-4805

Borden Hamilton Tennant Trust
Robert H Tennant Trustee
9563 Doliver
Houston, TX 77063

Certified Mailing
Number: 7010-1060-
0000-0918-4812

Mary Elizabeth Tennant Trust
Robert J Tennant Trustee
9563 Doliver
Houston, TX 77063

Certified Mailing
Number: 7010-1060-
0000-0918-4829

Joseph A Tennant
PO Box 382
Marathon, TX 79842

Certified Mailing
Number: 7010-1060-
0000-0918-4836

Carol J Christensen
19026 N 2nd Ave
Phoenix, AZ 85027

Certified Mailing
Number: 7010-1060-
0000-0918-4843

David Donnelly Trust
PO Box 1150
Lebanon, MO 65536

Certified Mailing
Number: 7010-1060-
0000-0918-4850

David F Stout
1645 W Baseline Rd, Unit 2146
Mesa, AZ 85202

Certified Mailing
Number: 7010-1060-
0000-0918-4867

Steven M Henson
303 Cooper School Rd
Vacaville, CA 95687

Certified Mailing
Number: 7010-1060-
0000-0918-4874

William T & Dorothy L Henderson Family Tr; Dorothy L
Henderson, ttee; Central Trust & Investment Co
3333 S National Ste 300
Springfield, MO 65807

Certified Mailing
Number: 7010-1060-
0000-0918-4881

Felisha M Elmore
1139 26th Ave
Seattle, WA 98122

Certified Mailing
Number: 7010-1060-
0000-0918-4898

David Boyd Barnette
782 Litchfield Ave
Sebastopol, CA 95472

Certified Mailing
Number: 7010-1060-
0000-0918-4904

James D Elmore; IRS Levy Proceeds
FAO 549.59.2955 1040-02, 04-06
4330 Watt Ave, SA 6213
Sacramento, CA 95821

Certified Mailing
Number: 7010-1060-
0000-0918-4911

Krista G O'Connor
1650 Quiet Hills Dr
Oceanside, CA 92056

Certified Mailing
Number: 7010-1060-
0000-0918-4928

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 API Number 30-015-38953	² Pool Code 97020	³ Pool Name HACKBERRY; BONE SPRING, NW
⁴ Property Code 38355	⁵ Property Name ARCTURUS "18" FEDERAL	⁶ Well Number 3H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3410.2

¹⁰ Surface Location

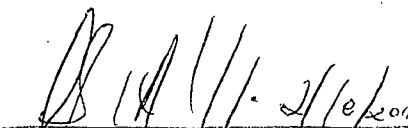
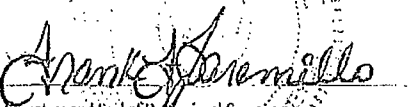
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M 14	18	19 S	31 E		1200	SOUTH	340	WEST	EDDY

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
1	18	19 S	31 E		2300	SOUTH	340	EAST	EDDY

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

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

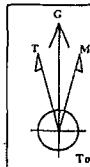
NW CORNER SEC. 18 LAT. = 32.667617N LONG. = 103.916936W NMSP EAST (FT) N = 606846.48 E = 669467.90	NE CORNER SEC. 18 LAT. = 32.667674N LONG. = 103.900078W NMSP EAST (FT) N = 606887.83 E = 674656.73	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Signature _____ Date 2/10/2011 Printed Name STEPHANIE A. YSASAGA
ARCTURUS "18" FED. #3H ELEV. = 3410.2' LAT. = 32.656405N (NAD83) LONG. = 103.915841W NMSP EAST (FT) N = 602767.62 E = 669820.93	BOTTOM OF HOLE LAT. = 32.659479N LONG. = 103.901153W NMSP EAST (FT) N = 603904.48 E = 674338.01	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. JANUARY 31, 2010 Date of Survey _____  Signature and Seal of Professional Surveyor Certificate Number FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 269-R1
SW CORNER SEC. 18 LAT. = 32.653103N LONG. = 103.916948W NMSP EAST (FT) N = 601564.85 E = 669485.12	SE CORNER SEC. 18 LAT. = 32.653162N LONG. = 103.900025W NMSP EAST (FT) N = 601607.32 E = 674694.79	

PENETRATION POINT: 1650' FSL & 1840' FWL

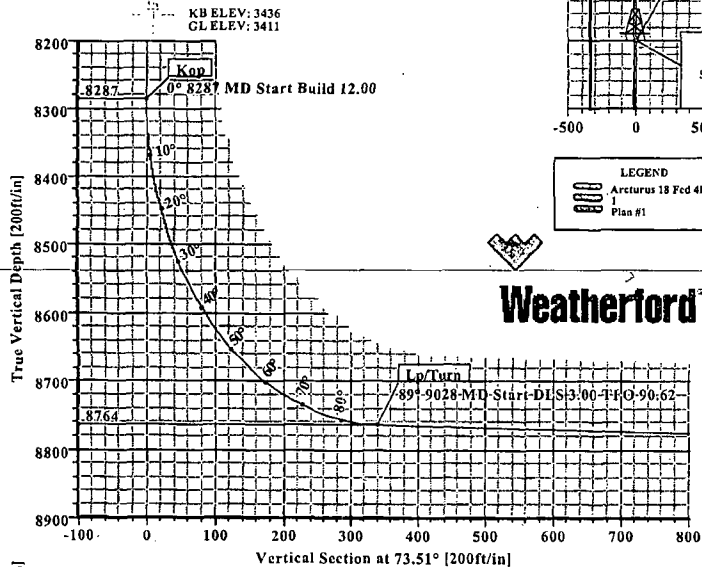
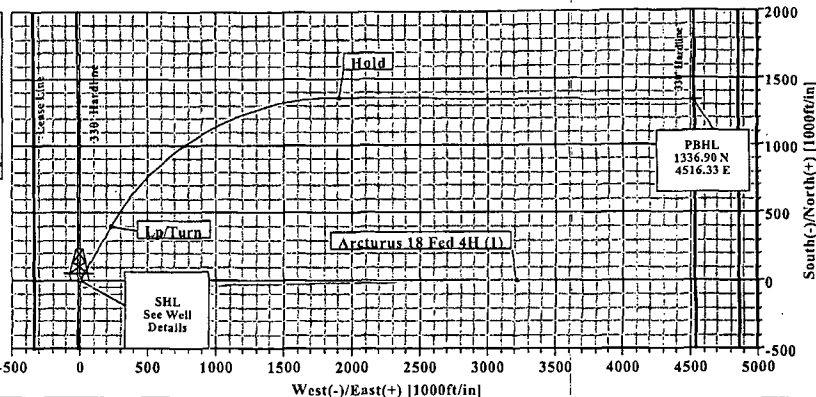
☐ PRODUCING AREA☐ PROJECT AREA

devon

ARCTURUS 18 FED 3H
EDDY CO., NEW MEXICO



Azimuths to Grid North
True North: -0.23°
Magnetic North: 7.56°
Magnetic Field
Strength: 48873nT
Dip Angle: 60.53°
Date: 5/15/2011
Model: IGRF2010
Total Correction to Grid North: 7.56°



LEGEND
Arcturus 18 Fed 4H (1)
Plan #1

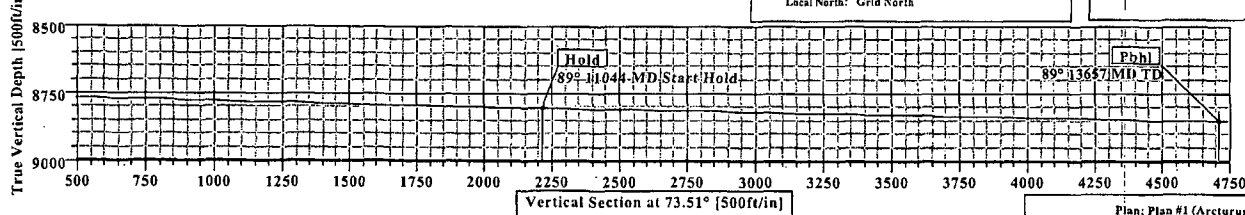
SECTION DETAILS									
Set	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec Target
1	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
2	8286.62	0.00	30.00	8286.62	0.00	0.00	0.00	30.00	0.00
3	9027.74	88.93	30.00	8764.00	405.81	234.29	12.00	30.00	339.84
4	11044.45	88.93	90.51	8885.43	1368.27	1904.70	3.00	90.62	2212.46
5	13658.64	88.93	90.51	8854.00	1336.90	4516.33	0.00	0.00	4710.05 Pbh

WELL DETAILS							
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Arcturus 18 Fed 3H	0.00	0.00	602567.58	669821.68	32°39'20.907N	103°54'57.094W	N/A

TARGET DETAILS					
Name	TVD	+N/-S	+E/-W	Northing	Easting Shape
Pbh	8854.00	1336.90	4516.33	603904.48	674338.01 Point

FIELD DETAILS
Eddy Co., NM (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: IGRF2010
System Datum: Mean Sea Level
Local North: Grid North

SITE DETAILS
Arcturus 18 Fed 3H
Site Centre Northing: 602567.58
Easting: 669821.68
Ground Level: 3411.00
Positional Uncertainty: 0.00
Convergence: 0.23



Vertical Section at 73.51° [500ft/in]

Plan: Plan #1 (Arcturus 18 Fed 3H/1)
Created By: Russell W. Joyner Date: 11/12/2010

SURFACE COMMINGLE APPLICATION CHECKLIST

5/27/2011

Company: Davon Energy Production Co. LPContact: Melanie CrawfordDate in: 6/2/12

Data Request? _____

Location: (Tsp/Rge) 18/195/31E

	Commingle	Battery or "Store" Location	Sales Location	Offlease?
Oil or Cond.	<input checked="" type="checkbox"/>	<u>SHL</u>	<u>SHL/Battery</u>	<input checked="" type="checkbox"/>
Gas	<input checked="" type="checkbox"/>		<u>SHL/Battery</u>	<input checked="" type="checkbox"/>

Ownership

Identical? ☒Diverse? ☒Included Notice List? ☒Date of Last Notice: 4/30/12

Permit Type

CTB-645

Lease (y/n)

Federal/Tribal ☒State ☐Fee ☐2 Fed Leases

Allocation

Continuous Metering ☐Well Tests ☒Subtraction ☐Other ☐

Noticed? _____

What Parameter for future additions? _____

Future Addition _____

#	All Pool Names	Pool Num	Type
1	<u>HACKBERRY, BS, NW</u>	<u>97020</u>	<u>OIL</u>
2			
3			
4			

BHL
I
2300 FSL/540 FEL

Offlease?	SurfLoc	API Numbers	Pool#(s)	Acres	Descr.	DHC Permit
<u>NO</u>		<u>30-015-38853</u>	<u>97020</u>	<u>157.59</u>	<u>ITKL</u>	<u>—</u>
		<u>30-015-38611</u>	<u>97020</u>	<u>157.74</u>	<u>MNOP</u>	<u>—</u>

ARCTURUS 18' Fed 3H

ARCTURUS 18' Fed con 4H

Same Surface Location.
1200 FSL
340 FWL) UL'M'

(BHL)
300 FSL
456 FEL) P