

01 JUL-200429-C-107B 678

RECEIVED: 4/29/20	REVIEWER:	TYPE: PLC	APP NO: pDM2015053598
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: Devon Energy Production Co., L.P. **OGRID Number:** 6137
Well Name: see attachments for multiple wells and API's **API:** _____
Pool: 39350 LIVINGSTON RIDGE; BONE SPRING **Pool Code:** _____
98123 WC-015 G-08 S233102C; WOLFCAMP

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

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location - Spacing Unit - Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

<u>FOR OCD ONLY</u>	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Jenny Harms

 Print or Type Name

4-21-2020

 Date

Jenny Harms

 Signature

405-552-6560

 Phone Number

jenny.harms@dvn.com

 e-mail Address



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

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

April 29, 2020

Dean McClure
Petroleum Specialist
New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive Santa Fe, New Mexico 87505
(505) 476-3471

Re: Central Tank Battery TOMB RAIDER 12-1 CTB 1
Sec., T, R: NWNE, S13, T23S, 331E
Lease: NMNM22080
Pool: 39350 LIVINGSTON RIDGE; BONE SPRING
98123 WC-015 G-08 S233102C; WOLFCAMP
County: Eddy Co., New Mexico

Dear Mr. McClure:

Please find attached the OCD Form C-103 Notice of Intent for a Central Tank Battery of the aforementioned wells. This application is necessary due to diverse pools.

A federal application was approved for Surface Commingle & Off-Lease Measurement, please reference attachment.

The working interest, royalty interest and overriding royalty interest owners are not identical, therefore notifications have been sent.

Subsequently drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

Should you have any questions or need further assistance, please do not hesitate to contact me at (405) 552-6560.

Sincerely,

A handwritten signature in blue ink that reads "Jenny Harms".

Jenny Harms

Regulatory Compliance Professional
Work Phone: (405)552-6560
Jennifer.harms@devon.com
Devon Energy Center-Tower
333 West Sheridan Avenue Oklahoma City OK 73102-5015

Enclosures



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

April 21, 2020

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Interest Owners

Re: Central Tank Battery TOMB RAIDER 12-1 CTB 1
 Sec., T, R: NWNE, S13, T23S, 331E
 Lease: NMNM22080
 Pool: 39350 LIVINGSTON RIDGE; BONE SPRING
 98123 WC-015 G-08 S233102C; WOLFCAMP
 County: Eddy Co., New Mexico

To whom it may concern:

This is to advise you that Devon Energy Production Company, L.P., is filing an application with the New Mexico Oil Conservation Division ("NMOCD") seeking approval for a Central Tank Battery for the below mentioned wells.

Well Name	SHL Location	API
TOMB RAIDER 12 FED 213H	12-23S-31E	3001544854
TOMB RAIDER 12-1 FED 516H	12-23S-31E	3001545486
TOMB RAIDER 12-1 FED 611H	12-23S-31E	3001546095
TOMB RAIDER 12-1 FED 701H	12-23S-31E	3001546096

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.

Subsequently drilled wells that produce from the subject pools within the project areas approved by this order may be added to this commingling authority by submittal of a Sundry Notice to the Engineering Bureau in Santa Fe.

Please contact the undersigned at (405) 552-6560 should you have any questions or need anything further.

Sincerely,


 Jenny Harms

Regulatory Compliance Professional
 Work Phone: (405)552-6560
Jennifer.harms@dvn.com
 Devon Energy Center-Tower
 333 West Sheridan Avenue Oklahoma City OK 73102-5015

Enclosure

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., 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 August 1, 2011

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., L.P.
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
See attachments					

(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 (Specify)

(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: Jenny Harms TITLE: Regulatory Specialist DATE: 4-21-2020

TYPE OR PRINT NAME Jenny Harms TELEPHONE NO.: 405-552-6560

E-MAIL ADDRESS: jenny.harms@dvn.com

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
Operator Copy

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No. NMNM22080
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. TOMB RAIDER 12-1 FED 516H
9. API Well No. 30-015-45486-00-S1
10. Field and Pool or Exploratory Area LIVINGSTON RIDGE
11. County or Parish, State EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY Contact: JENNIFER HARMS Email: jennifer.harms@dvn.com
3a. Address 333 WEST SHERIDAN AVENUE OKLAHOMA CITY, OK 73102
3b. Phone No. (include area code) Ph: 405-552-6560
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 12 T23S R31E SWSE 50FSL 1420FEL 32.311833 N Lat, 103.727550 W Lon

12. CHECK THE 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"/> Hydraulic Fracturing	<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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

APPLICATION FOR CENTRAL TANK BATTERY/OFF LEASE MEASUREMENT, SALES, & STORAGE
Proposal for Tomb Raider 12-1 CTB 1

Devon Energy Production Company, LP is requesting approval for a **Pool Commingle/Off Lease Measurement for the following wells**(please see attachments):

Well Name SHL Location API POOL STATUS COUNTY FORMATION BLM LEASE 12.5%
TOMB RAIDER 12 FED 213H 12- 23S-31E 3001544854 [39350] LIVINGSTON RIDGE; BONE SPRING PRODUCING LEA BONESPRING NMNM022080
TOMB RAIDER 12-1 FED 516H 12- 23S-31E 3001545486 [39350] LIVINGSTON RIDGE; BONE SPRING PRODUCING LEA BONESPRING NMNM022080

14. I hereby certify that the foregoing is true and correct. Electronic Submission #498252 verified by the BLM Well Information System For DEVON ENERGY PRODUCTION COMPANY LP, sent to the Carlsbad Committed to AFMSS for processing by PRISCILLA PEREZ on 01/16/2020 (20PP0893SE)	
Name (Printed/Typed) JENNIFER HARMS	Title REGULATORY COMPLIANCE ANALYST
Signature (Electronic Submission)	Date 01/08/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By  Dylan Rossmann	Title RE CFO	Date 1/31/20
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional data for EC transaction #498252 that would not fit on the form

32. Additional remarks, continued

TOMB RAIDER 12-1 FED 611H 12-23S-31E 3001546095 [98123]WC-015 G-08 S233102C; WOLFCAMP PROPOSED LEA
WOLFCAMP NMNM022081
TOMB RAIDER 12-1 FED 701H 12-23S-31E 3001546096 [98123]WC-015 G-08 S233102C; WOLFCAMP PROPOSED LEA
WOLFCAMP NMNM022082

Oil & Gas metering: The central tank battery, Tomb Raider 12-1 CTB 1, is located in NWNE, S13,
T23S, R31E in Eddy County, New Mexico.

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

Proposal for Tomb Raider 12-1 CTB 1

Devon Energy Production Company, LP is requesting approval for a Pool Commingle/Off Lease Measurement for the following wells:

Well Name	SHL Location	API	POOL	STATUS	COUNTY	FORMATION	BLM LEASE 12.5%
TOMB RAIDER 12 FED 213H	12- 23S-31E	3001544854	[39350] LIVINGSTON RIDGE; BONE SPRING	PRODUCING	LEA	BONESPRING	NMNM022080
TOMB RAIDER 12-1 FED 516H	12- 23S-31E	3001545486	[39350] LIVINGSTON RIDGE; BONE SPRING	PRODUCING	LEA	BONESPRING	NMNM022080
TOMB RAIDER 12-1 FED 611H	12-23S-31E	3001546095	[98123] WC-015 G-08 S233102C; WOLF CAMP	PROPOSED	LEA	WOLF CAMP	NMNM022080
TOMB RAIDER 12-1 FED 701H	12-23S-31E	3001546096	[98123] WC-015 G-08 S233102C; WOLF CAMP	PROPOSED	LEA	WOLF CAMP	NMNM022080

Oil & Gas metering:

The central tank battery, Tomb Raider 12-1 CTB 1, is located in NWNE, S13, T23S, R31E in Eddy County, New Mexico.

Each well is routed to its own 3-phase separator where the full well stream is separated into gas, oil, and water streams. For each well, after separation, gas is measured with an independent, designated orifice meter for allocation, then flows into a gas production line where it is combined with gas from the other wells and flows through a gas sales meter(s). The oil from the 3-phase separator is measured with an independent, designated Micro Motion Coriolis Meter for allocation. It then combines with the oil production from the other wells, flows into the heater treater(s), then into the Ultra-Low Pressure Separator(s) (ULPS), and into one of the oil tanks. The oil is then pumped out of the common tanks to an oil sales meter (LACT unit). The water from the 3-phase separator is measured with an independent, designated Mag meter for allocation, combines with the water from the other wells, then flows into the gun barrel, and into one of the produced water tanks. Flash gas that exits the heater treater(s) and ULPS(s) flows to the Vapor Recovery Unit (VRU). After exiting the VRU, the gas will be measured through a designated orifice meter for allocation.

The central tank battery will have 4 oil tanks and 3 water tanks that all wells will utilize. All wells will have 1 common gas delivery point(s) on location. They will also share 1 common oil delivery point(s) (LACT) on or directly adjacent to location.

Meter Owner / Serial Number:

Well Name	Gas Allocation Meter	Oil Allocation Meter	Gas FMP	Oil FMP	Water Allocation Meter	VRU Allocation Meter
TOMB RAIDER 12-1 FED 516H	DVN / 390-49-1341	DVN / SN# 14900241	DCP / 74277400 DCP / 74274500	ENLINK / 390-50-163	DVN / N/A	DVN / 390-00-1340
TOMB RAIDER 12 FED 213H	DVN / 390-49-1342	DVN / SN# 14900246	DCP / 74277400 DCP / 74274500	ENLINK / 390-50-163	DVN / N/A	DVN / 390-00-1340
TOMB RAIDER 12-1 FED 611H	DVN / *	DVN / *	DCP / *	ENLINK / *	DVN / *	DVN / *
TOMB RAIDER 12-1 FED 701H	DVN / *	DVN / *	DCP / *	ENLINK / *	DVN / *	DVN / *

* Meter serial numbers to be provided after construction of facility.

The total of all oil sales meters will be allocated to each well based on the oil allocation meter located downstream of each well's 3-phase separator. Devon will continue to operate and maintain the Micro Motion Coriolis Meter per BLM applicable regulations, notwithstanding further guidance from the local BLM in regards to proving the Micro Motion Coriolis Meter to meet applicable BLM standards. The total of all gas sales meters will be allocated to each well based on the gas allocation meter located downstream of each well's 3-phase separator and the VRU allocation meter. The VRU allocation meter volumes will be allocated to each well based on the oil allocation meter of each well. The BLM and OCD will be notified of any future changes to the facilities.

Process and Flow Descriptions:

The flow of produced fluids is described above and shown in detail on the enclosed facility diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter.

The proposed commingling is appropriate based on the BLM's guidance in IM NMPO 2013-02 & 43 CFR 3173.14. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

Devon Energy Production Company, LP understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

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

Date: 03/26/19

Economic Justification Report

TOMB RAIDER 12-1 CTB 1

Value (bbl): \$53.78

Value (mcf): \$1.28

Well Name & Number	Type	Fed Lease 1	Royalty Rate	Fed Lease 2 (if applicable)	Royalty Rate	Fed Lease 3 (if applicable)	Royalty Rate	BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
TOMB RAIDER 12 FED 213H	Sweet	NMNM022080-12.5%		-		-		350	44	780	1855
TOMB RAIDER 12-1 FED 516H	Sweet	NMNM022080-12.5%		-		-		560	44	7236	1855
TOMB RAIDER 12-1 FED 611H*	Sweet	NMNM022080-12.5%		-		-		400	46.1	1700	1274
TOMB RAIDER 12-1 FED 701H*	Sweet	NMNM022080-12.5%		-		-		400	46.1	1700	1274
These calculations are based off of offset well production and are only a proposal											

Signed: Jenny Harms

Date: 1/7/2020

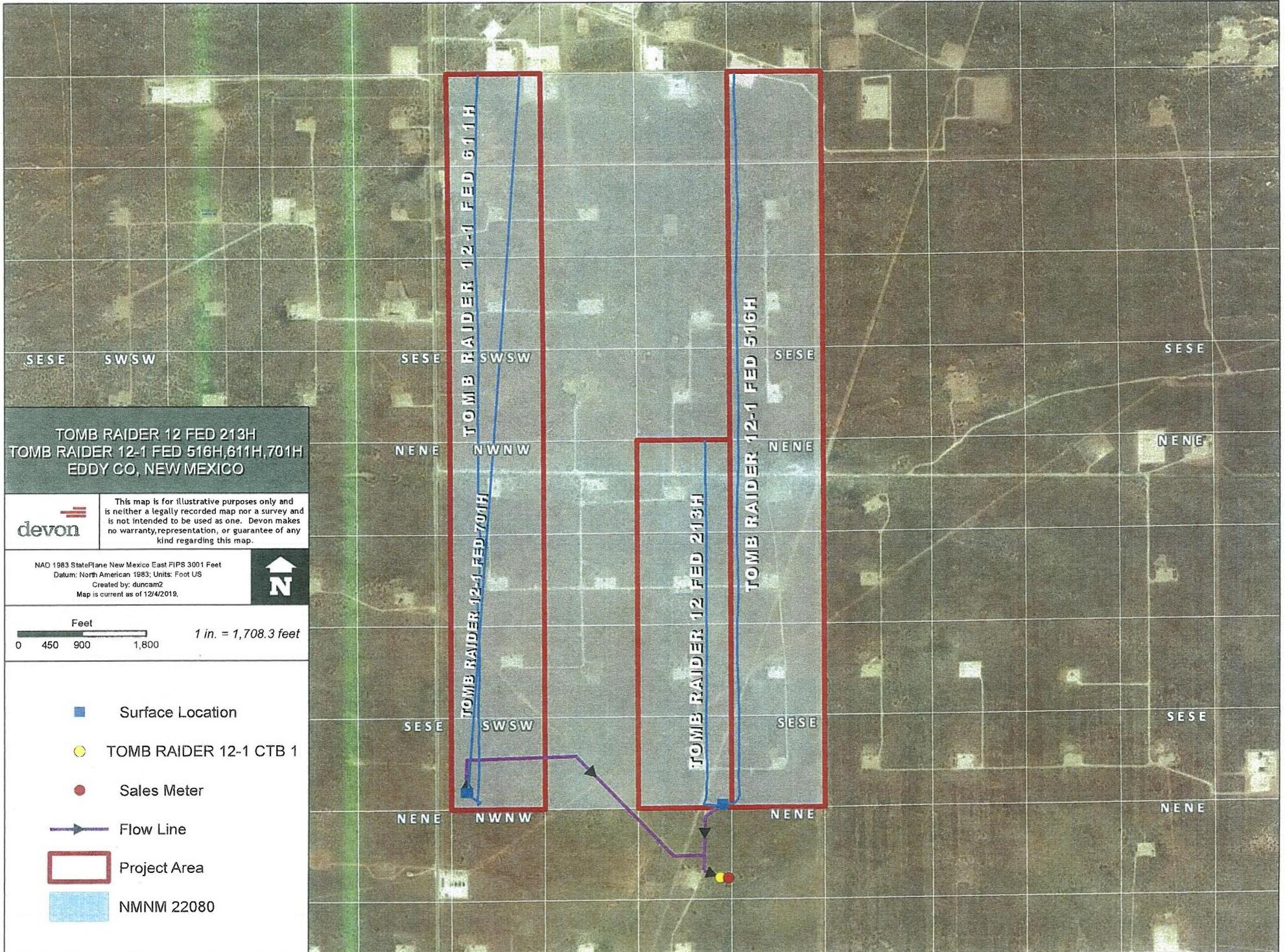
Printed Name: Jenny Harms

Title: Regulatory Compliance Specialist

Economic Combined Production

BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU
1710.0	45.0	11416.0	1682.0

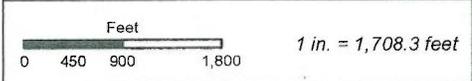
There are no material quality differences in oil production from the wells in this application, therefore there will be no impact on the royalty value from an oil marketing perspective.



TOMB RAIDER 12 FED 213H
 TOMB RAIDER 12-1 FED 516H,611H,701H
 EDDY CO, NEW MEXICO

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

NAD 1983 StatePlane New Mexico East FIPS 3001 Feet
 Datum: North American 1983; Units: Foot US
 Created by: duncam2
 Map is current as of 12/4/2019.



- Surface Location
- TOMB RAIDER 12-1 CTB 1
- Sales Meter
- Flow Line
- Project Area
- NMNM 22080



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



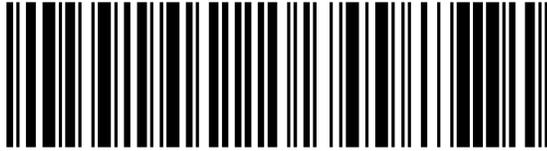
9414 8149 0152 7181 8433 87

CDA FAMILY PARTNERSHIP LTD
PO BOX 81077
MIDLAND TX 79708



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



9414 8149 0152 7181 8433 94

CHARLES R WIGGINS
PO BOX 10862
MIDLAND TX 79702



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 00

CROW REYNOLDS LTD
2406 IRVING BLVD
DALLAS TX 75207



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 17

DEVON ENERGY PROD CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY OK 73102-5015



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



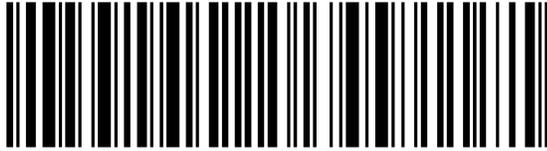
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FIVE TALENTS LTD
ATTN MARK DOERING
10355 FM 215
VALLEY MILLS TX 76689



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



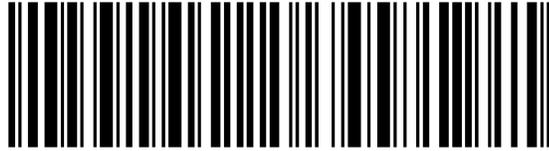
9414 8149 0152 7181 8434 31

HALBERT ROYALTIES LTD
PO BOX 11566
BIRMINGHAM AL 35202



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



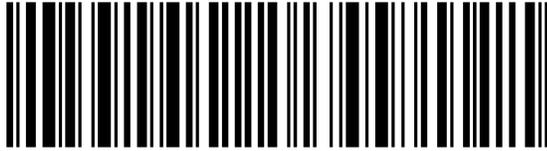
9414 8149 0152 7181 8434 48

NURAY K PACE
258 CAPE JASMINE CT
SPRING TX 77381



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



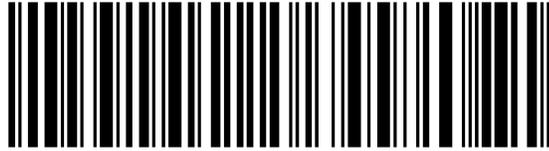
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ONRR
ROYALTY MANAGEMENT PROGRAM
PO BOX 25627
DENVER CO 80225-0627



Devon Energy
Regulatory Affairs
333 West Sheridan Ave.
Oklahoma City, OK 73102

USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 62

RUSSELL ROYALTY COMPANY
PO BOX 2018
TYLER TX 75710-2018