VI/DDC 200420 C 107R

Y V BR 5-200429	'-C-10/B 6/9	
RECEIVED:	REVIEWER:	TYPE:

4/29/20

PLC

APP NO:

Phone Number

<u>jenny.harms@dvn.com</u> e-mail Address

pDM2015053929

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



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		ADMINISTR <i>A</i>				
		T IS MANDATORY FOR ALL REGULATIONS WHICH REQ			FOR EXCEPTIONS TO E N LEVEL IN SANTA FE	DIVISION RULES AND
		ergy Production (chments for muli		nd API's	OGRID API:	Number: <u>6137</u>
		ON RIDGE; BONE		110 7 (1 1 3	Pool Co	ode.
		6-08 \$233102C; WC				
SUBM	IIT ACCURATE AN	ID COMPLETE INFO	ORMATION F INDICATED		O PROCESS TH	E TYPE OF APPLICATION
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В	□DHC	ng <u>– S</u> torage <u>–</u> Me	C □PC e Increase -	□OLS - Enhanced □EOR	□OLM d Oil Recovery □PPR	
A B. C D E. F.	Offset opera Royalty, ove Application Notification Surface own	above, proof of	ers ners, revent d notice nt approval nt approval	by SLO	tion is attache	FOR OCD ONLY Notice Complete Application Content Complete d, and/or,
adr und	ministrative appro Ierstand that no	reby certify that the oval is accurate as action will be take mitted to the Divis	nd complet en on this ap	te to the be	est of my know	•
	Note: State	ement must be complete	ed by an individ	ual with manag	gerial and/or superv	isory capacity.
					4-21-2020	
Jenny	Harms			D	ate	
-	rype Name					
i iiiit Oi I	Type Name				105 552 4540	



Devon Energy Corporation 333 West Sheridan Avenue Oklahoma City, OK 73102-5010 405 552-7970 Phone Erin.workman@dvn.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 1 CTB 1

Sec.,T, R: NENW, S1, 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 is application is necessary due to diverse pools.

A federal application was approved for Surface Commingle, 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,

Jenny Harms 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

Enclosures



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

April 21, 2020

<u>CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

Interest Owners

Re: Central Tank Battery TOMB RAIDER 1 CTB 1

Sec., T, R:NENW, S1, 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 1-12 Fed 525H	2-01-23S-31E	30-015-45439
Tomb Raider 1-12 Fed 514H	2-01-23S-31E	30-015-45440
Tomb Raider 1-12 Fed 524H	2-01-23S-31E	30-015-45438
Tomb Raider 1-12 Fed 612H	3-01-23S-31E	30-015-45977
Tomb Raider 1-12 Fed 702H	3-01-23S-31E	30-015-45978
Tomb Raider 1-12 Fed 732H	3-01-23S-31E	30-015-45979

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

<u>District I</u> 1625 N. French Drive, Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210

811 S. First St., Artesia, NM 88210

<u>District III</u>
1000 Rio Brazos Road, Aztec, NM 87410

<u>District IV</u>
1220 S. St Francis Dr, Santa Fe, NM 87505

Energy, Minerals and Natural Resources Department

State of New Mexico

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.

		COMMINGLING	(DIVERSE	OWNERSHIP)	
	nergy Production (
	heridan Avenue, C	Oklahoma City, OK	73102		
APPLICATION TYPE:					
☐ Pool Commingling ☐ Lease Commingling	g Pool and Lease Co	mmingling Off-Lease	Storage and Measur	rement (Only if not Surface	e Commingled)
	State X Fede				
Is this an Amendment to existing Order Have the Bureau of Land Management ☐Yes ☐No					ingling
Commingled Production BTU of Commingled Production Commingled Production See attachments See					
(1) Pool Names and Codes	Non-Commingled	BTU of Commingled		Calculated Value of Commingled Production	Volumes
See attachments					
		1			
		1			
(3) Has all interest owners been notified b (4) Measurement type: X Metering [y certified mail of the pro Other (Specify)			ing should be approved	
	` '				
 Pool Name and Code. Is all production from same source of s Has all interest owners been notified by Measurement type: ☐Metering ☐ 	certified mail of the prop		XYes □N	0	
		LEASE COMMIN			
(1) Complete Sections A and E.		_			
		100 1 00 1 1 1			
(I	,	ORAGE and MEA			
(1) Is all production from same source of s		ets with the following	шил шапоп		
(2) Include proof of notice to all interest o	— —				
(E) AI		PRMATION (for all s with the following in		vpes)	
(1) A schematic diagram of facility, include		s with the following h	noi mation		
(2) A plat with lease boundaries showing a(3) Lease Names, Lease and Well Number	all well and facility locati	ions. Include lease number	ers if Federal or Sta	ate lands are involved.	
I hereby certify that the information above is	true and complete to the	best of my knowledge an	d belief.		
SIGNATURE: CONTROL HOUNG	^	ITLE: Regulatory Special		DATE:_ 4-21-	2020
TYPE OR PRINT NAME Jenny Harms			TEL	EPHONE NO.: 405-552	2-6560
E-MAIL ADDRESS:_jenny.harms@dvn.cor	n				

Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR

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

R	UREAU OF LAND MANA	GEMENT			Expires. Jai	luary 31, 2016
	NOTICES AND REPO		LLS		Lease Serial No. NMNM22080	
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re D) for such p	enter an roposals.		6. If Indian, Allottee or	Tribe Name
SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2		7. If Unit or CA/Agree	ment, Name and/or No.
1. Type of Well	nor.				8. Well Name and No. TOMB RAIDER 1-	12 FED 525H
		JENNIFER H	ARMS		9. API Well No.	100 (0.04) 100 (0.04) (0.04) (0.04)
DEVON ÉNERGY PRODUCT	TON COM - Mail: jennifer.ha	rms@dvn.com			30-015-45439-00)-S1
3a. Address 333 WEST SHERIDAN AVEN OKLAHOMA CITY, OK 7310		3b. Phone No Ph: 405-55	. (include area code) 2-6560		10. Field and Pool or E LIVINGSTON RI	xploratory Area DGE
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description	1)			11. County or Parish, S	tate
Sec 1 T23S R31E Lot 2 360F 32.339727 N Lat, 103.730514					EDDY COUNTY	, NM
12. CHECK THE AI	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	ER DATA
TYPE OF SUBMISSION			TYPE OF	ACTION		
☑ Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
**************************************	☐ Alter Casing	☐ Hyd	raulic Fracturing	☐ Reclam	ation	■ Well Integrity
☐ Subsequent Report	☐ Casing Repair	□ Nev	Construction	☐ Recomp	olete	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug	and Abandon	☐ Tempor	arily Abandon	Surface Commingling
	☐ Convert to Injection	☐ Plug	Back	☐ Water I	Disposal	
13. Describe Proposed or Completed Op If the proposal is to deepen direction. Attach the Bond under which the wo following completion of the involved testing has been completed. Final Al determined that the site is ready for for APPLICATION FOR CENTRA & STORAGE.	ally or recomplete horizontally rk will be performed or provided operations. If the operation repandonment Notices must be final inspection.	give subsurface the Bond No. or esults in a multipled and after all	locations and measu in file with BLM/BIA e completion or reco requirements, includ	red and true ve Required submpletion in a sing reclamation	ertical depths of all pertine bsequent reports must be f new interval, a Form 3160	ent markers and zones. filed within 30 days 0-4 must be filed once
Proposal for Tomb Raider 1 C	TB 1					
Devon Energy Production Corwells:	mpany, LP is requesting a	approval for a	Pool Commingle	e for the follo	owing	
WELL NAME SHL Location A Tomb Raider 1-12 Fed 525H 3 NMNM22080 Tomb Raider 1-12 Fed 514H 3	2-01-23S-31E 30-015-45	439 LIVINGS	FON RIDGE/BOI	NE SPRING		
14. I hereby certify that the foregoing is	s true and correct. Electronic Submission # For DEVON ENERG nmitted to AFMSS for proc	498253 verifie	d by the BLM Wel	I Information	n System bad	
Name (Printed/Typed) JENNIFE		essing by PKI			MPLIANCE ANALYS	ST
@C194.000.0044-004-004000-004-004000-004-004						
Signature (Electronic	Submission)		Date 01/08/2	020		
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE	
Approved By	Rossman	(4º	Title ?	E		Date 1/31/20
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	uitable title to those rights in th	s not warrant or e subject lease	Office	FO		1 1
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent				willfully to m	ake to any department or a	agency of the United

Additional data for EC transaction #498253 that would not fit on the form

32. Additional remarks, continued

NMNM22080

Tomb Raider 1-12 Fed 524H 2-01-23S-31E 30-015-45438 LIVINGSTON RIDGE/BONE SPRING PRODUCING EDDY NMNM22080

Tomb Raider 1-12 Fed 612H 3-01-23S-31E 30-015-45977 WC-015 G-08 S233102C; WOLFCAMP PROPOSED EDDY NMNM22080

Tomb Raider 1-12 Fed 702H 3-01-23S-31E 30-015-45978 WC-015 G-08 S233102C; WOLFCAMP PROPOSED EDDY NMNM22080

Tomb Raider 1-12 Fed 732H 3-01-23S-31E 30-015-45979 WC-015 G-08 S233102C; WOLFCAMP PROPOSED EDDY NMNM22080

The central tank battery, Tomb Raider 1 CTB 1, is located in NENW, S1, T23S, R31E in Eddy County, New Mexico.

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

Proposal for Tomb Raider 1 CTB 1

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

WELL NAME	SHL Location	API	POOL	STATUS	COUNTY	BLM LEASE- 12.5 %
Tomb Raider 1-12 Fed 525H	2-01-23S-31E	30-015-45439	LIVINGSTON RIDGE/BONE SPRING	PRODUCING	EDDY	NMNM22080
Tomb Raider 1-12 Fed 514H	2-01-23S-31E	30-015-45440	LIVINGSTON RIDGE/BONE SPRING	PRODUCING	EDDY	NMNM22080
Tomb Raider 1-12 Fed 524H	2-01-23S-31E	30-015-45438	LIVINGSTON RIDGE/BONE SPRING	PRODUCING	EDDY	NMNM22080
Tomb Raider 1-12 Fed 612H	3-01-23S-31E	30-015-45977	WC-015 G-08 S233102C; WOLFCAMP	PROPOSED	EDDY	NMNM22080
Tomb Raider 1-12 Fed 702H	3-01-23S-31E	30-015-45978	WC-015 G-08 S233102C; WOLFCAMP	PROPOSED	EDDY	NMNM22080
Tomb Raider 1-12 Fed 732H	3-01-23S-31E	30-015-45979	WC-015 G-08 S233102C; WOLFCAMP	PROPOSED	EDDY	NMNM22080

Oil & Gas metering:

The central tank battery, Tomb Raider 1 CTB 1, is located in NENW, S1, 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 an orifice meter for the purpose of gas sales/FMP/Royalty Payment. The oil from the 3-phase separator is measured with an independent, designated 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 meter (LACT unit) for the purpose of Sales/FMP/Royalty Payment. 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 1-12 FED 514H	DVN / 390-49- 1349	DVN / SN# 14899951	DCP / 742747-00 DCP / 742748-00 DCP / 742772-00	ENLINK / 390- 50-164 ENLINK / 390- 50-165	DVN / N/A	DVN / 390-00- 1347
TOMB RAIDER 1-12 FED 524H	DVN / 390-49- 1350	DVN / SN# 14900642	DCP / 742747-00 DCP / 742748-00 DCP / 742772-00	ENLINK / 390- 50-164 ENLINK / 390- 50-165	DVN / N/A	DVN / 390-00- 1347
TOMB RAIDER 1-12 FED 525H	DVN/ 390-49- 1348	DVN / SN# 14899980	DCP / 742747-00 DCP / 742748-00 DCP / 742772-00	ENLINK / 390- 50-164 ENLINK / 390- 50-165	DVN / N/A	DVN / 390-00- 1347
TOMB RAIDER 1-12 FED 612H	DVN/*	DVN /*	DCP / *	ENLINK /*	DVN /*	DVN /*
TOMB RAIDER 1-12 FED 702H	DVN/*	DVN /*	DCP / *	ENLINK /*	DVN /*	DVN /*
TOMB RAIDER 1-12 FED 732H	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 Coriolis Meter per BLM applicable regulations, notwithstanding further guidance from the local BLM in regards to proving the 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:

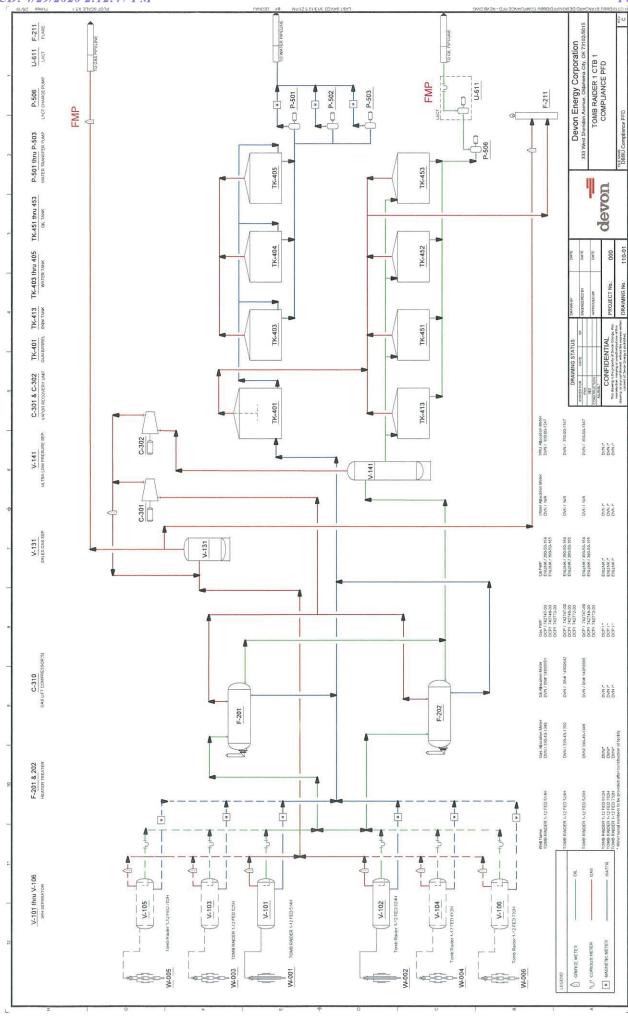
The flow of produced fluids is described above and shown in detail on the enclosed facility diagram, along with a description of each vessel and map which shows the lease boundaries, location of wells, facility, and gas sales meter.

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



Value (bbl): \$53.78 Value (mcf): \$1.28

Economic Justification Report TOMB RAIDER 1 CTB 1

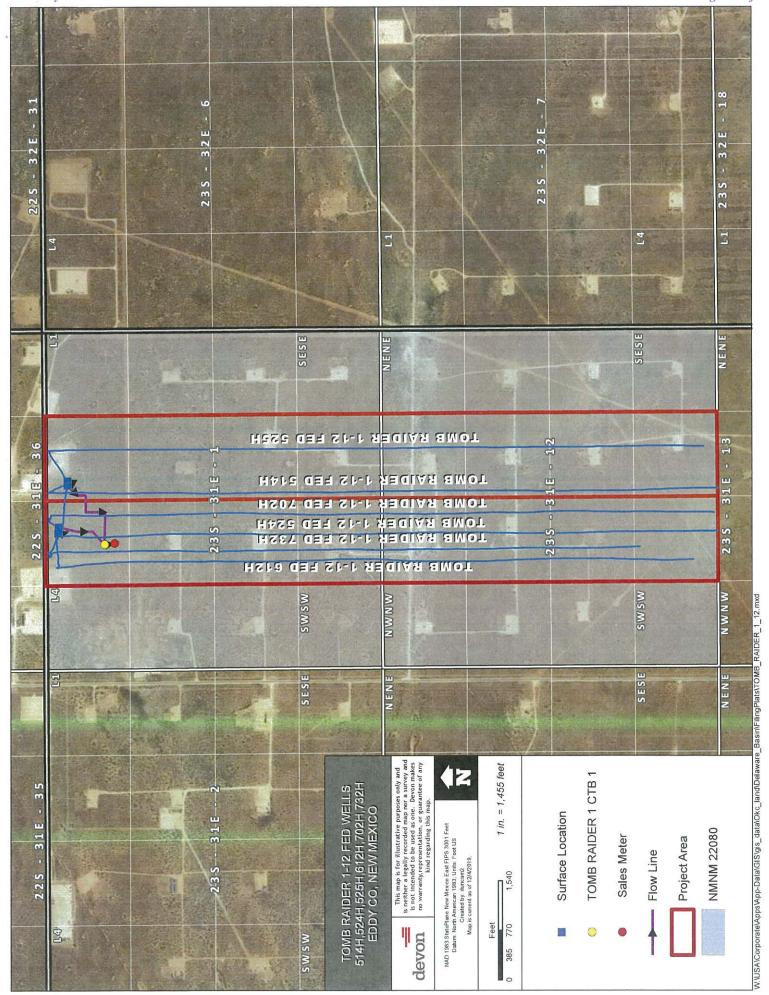
Well Name & Number	Туре	Fed Lease 1	Royalty Rate	Fed Lease 2 (if applicable)	Royalty Rate	Fed Lease 3 (if applicable)	Royalty Rate	ВОРD	Oil Gravity @ 60°	MCFPD	Dry BTU
Tomb Raider 1-12 Fed 525H	Sweet	NMNM022080-12.5%	2.5%	Ţ	****	I	word page	235	46.8	4800	2058
Tomb Raider 1-12 Fed 514H	Sweet	NMNM022080-12.5%	2.5%	1		ŧ		301	46.8	7164	2058
Tomb Raider 1-12 Fed 524H	Sweet	NMNM022080-12.5%	2.5%	Ţ		J	a chairt a taoir a t	263	46.8	5420	2058
Tomb Raider 1-12 Fed 612H*	Sweet	NMNM022080-12.5%	2.5%			ì		400	46.1	1700	1274
Tomb Raider 1-12 Fed 702H*	Sweet	NMNM022080-12.5%	2.5%				engre i i i	400	46.1	1700	1274
Tomb Raider 1-12 Fed 732H*	Sweet	NMNM022080-12.5%	2.5%	W. W.				400	46.1	1700	1274
*These calcualtions are based off of offset well production and are only a proposal							***				
Signed: Sunn A Hum	SA SA		Date:	Date: 1/8/2020			L	Econon	Economic Combined Production	ined Pr	oduction
θ Printed Name: Jenny Harms			Title:	Title: Regulatory Compliance Specialist	npliance	Specialist		BOPD	Oil Gravity @ 60°	MCFPD	Dry BTU

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.

22484.0 1880.2

46.4

1999.0





USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 79

CDA FAMILY PARTNERSHIP LTD PO BOX 81077 MIDLAND TX 79708



USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 86

CHARLES R WIGGINS PO BOX 10862 MIDLAND TX 79702



USPS CERTIFIED MAIL



9414 8149 0152 7181 8434 93

CROW REYNOLDS LTD 2406 IRVING BLVD DALLAS TX 75207



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 09

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



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 16

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



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 23

HALBERT ROYALTIES LTD PO BOX 11566 BIRMINGHAM AL 35202



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 30

NURAY K PACE 258 CAPE JASMINE CT SPRING TX 77381



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 47

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



USPS CERTIFIED MAIL



9414 8149 0152 7181 8435 54

RUSSELL ROYALTY COMPANY PO BOX 2018 TYLER TX 75710-2018