Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIO CARISDAD FIELD BUREAU OF LAND MANAGEMEN CARISDAD FIELD

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

SUNDRY NOTICES AND REPORTS ON WELLSON

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.									
SUBMIT IN 1	TRIPLICATE - Other inst	ructions on p	age 2	06 2017	7. If Unit or CA/Agreen NMNM117035	nent, Name and/or No.			
Type of Well Oil Well	er		WEC.	IVED	8. Well Name and No. CODORNIZ 28 FEDERAL 2				
Name of Operator CHEVRON USA INCORPORA		9. API Well No. 30-025-36196-00-S1							
3a. Address 15 SMITH ROAD MIDLAND, TX 79705	9'	Field and Pool or Exploratory Area QUAIL RIDGE							
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description,)			11. County or Parish, State				
Sec 28 T19S R34E NWSW 19	980FSL 660FWL /			LEA COUNTY, N	IM				
12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA									
TYPE OF SUBMISSION			TYPE OF	ACTION					
Notice of Intent	☐ Acidize	□ Deep	en	☐ Product	ion (Start/Resume)	■ Water Shut-Off			
☐ Subsequent Report	☐ Alter Casing	☐ Hydra	aulic Fracturing	☐ Reclam		☐ Well Integrity			
	Casing Repair	_	Construction	Recomp		☑ Other Surface Commingling			
☐ Final Abandonment Notice	☐ Change Plans ☐ Plug and Abandon ☐ Temporarily Abandon ☐ Convert to Injection ☐ Plug Back ☐ 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. CHEVRON USA INC. RESPECTFULLY REQUEST ADMINISTRATIVE APPROVAL TO SURFACE COMMINGLE OIL, GAS AND WATER PRODUCTION FROM THE QUAIL RIDGE MORROW GAS POOL THROUGH CHEVRON'S CODORNIZ 28 FEDERAL 3 CENTRAL TANK BATTERY. CHEVRON REQUESTS THE APPROVAL TO MINIMIZE SURFACE DISTURBANCE AND FUTURE TRAFFIC BY CONCENTRATING ACTIVITIES AT ONE BATTERY. WELLS PRODUCTING TO THIS BATTERY INCLUDE THE CODORNIZ 28 FEDERAL #2 AND CODORNIZ 28 FEDERAL #3. THESE WELLS ARE LOCATED IN SECTION 28, T19S, R34E IN LEA COUNTY, NEW MEXICO. API'S INCLUDED: CODORNIZ 28 FEDERAL #2 API# 30-025-36196 LEASE# NMNM56263 CODORNIZ 28 FEDERAL #3 API# 30-025-37523 LEASE# NMNM56263 THE OWNERSHIP IS IDENTICAL.									
14. I hereby certify that the foregoing is true and correct. Electronic Submission #364983 verified by the BLM Well Information System For CHEVRON USA INCORPORATED, sent to the Hobbs Committed to AFMSS for processing by PRISCILLA PEREZ on 02/03/2017 (17PP0143SE)									
Name (Printed/Typed) CINDY H	MURILLO	Title PERMIT	TING SPE	CIALIST					
Signature (Electronic Submission) Date 01/26/2017									
THIS SPACE FOR FEDERAL OR STATE OFFICE USE									
Approved By J. D. h	hitlorky		Title TLPE	7		2/24/17 Date 24/17			
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to condu	itable title to those rights in the ct operations thereon.	e subject lease	Office CFO			42			
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any per	son knowingly and	willfully to ma	ake to any department or a	agency of the United			

Additional data for EC transaction #364983 that would not fit on the form

32. Additional remarks, continued

THERE ARE TWO OIL TANKS AT THE CTB THAT THE WELLS WILL UTILIZE THE TOTAL OIL WILL BE MEASURED BY HAVING QUAILIFIED FIELD PERSONNEL GAUGE THE TANKS. THE CTB IS LOCATED IN THE SWSE OF SECTION 28 T18S AND R34E ON FEDERAL LEASE NMNM57285. FOR GAS THERE IS A CENTRAL DELIVERY POINT(CDP) GAS SALES METER., THE PRODUCED WATER WILL GO TO ONE COMMON WATER TANK ON LOCATION.

PLEASE FIND ATTACHED SURFACE COMMINGLE APPLICATION FOR THE ABOVE WELLS AND FACILITY DIAGRAMS AND MAPS.

APPLICATION FOR COMMINGLING and OFF LEASE MEASUREMENT AT A COMMON CENTRAL TANK BATTERY

Proposal for commingling all oil, water, and gas for the Codorniz wells. Proposal to commingle the oil, water, and some entrained gas for the CORDORNIZ 28 FED #2 AND CODORNIZ 28 FED #3

Proposal for Codorniz Central Tank Battery

Chevron USA Inc. is requesting approval for the Commingling of oil and gas.

Codorniz Co	entral Tank Ba	ttery					
Well Names	Locations	API Numbers	Pool	Oil BOPD	Oil Gravity	Gas MCFPD	Gas BTU
Codorniz 28 Fed #2	28-19S- 34E	30-025- 36196	Quail Ridge; Delaware	60	40	200	0
Codorniz 28 Fed #3	28-19S- 34E	30-025- 37523	Quail Ridge; Morrow (Gas)	0	0	11	1156

Oil & Gas metering:

The Codorniz 28 Federal 3 Battery (CTB) is located at the Codorniz 28 Federal #3. The production from the Codorniz 28 Federal #3 will go into a 2 phase production separator and then one to a common heater treater shared by both wells. The Codorniz 28 Federal #2 will go into the heater treater. Each well will be tested once per month to quantify oil, water and gas by shutting in the well not being tested and metering the tested well via turbine meters installed on the heater treater and the gas allocation meter. There are two oil tanks at the centralized tank battery that the wells will utilize and total oil will be measured by having qualified field personnel gauge the tanks. The CTB is located in the SWSE of Section 28, Township 19S, Range 34E. on Federal Lease NMNM57285. For gas there is a central delivery point (CDP) gas sales meter. The produced water will go to one common water tank on location.

Each well will be tested monthly through a three-phase test heater treater located at the Codorniz 28 Federal 3 CTB. Oil and water are measured by a turbine meters on the oil and water outlets and gas is measured by an orifice meter on the gas outlet.

Production will be allocated to each well by monthly well tests. A 24 hour test will be performed monthly on each well. Each wells share of the central tank battery's total production will be calculated based on the results of each monthly well test. This ratio will be applied to the total oil production metered by tank gauging. This method will also be applied to the total gas production metered by the Targa Sales meter.

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:

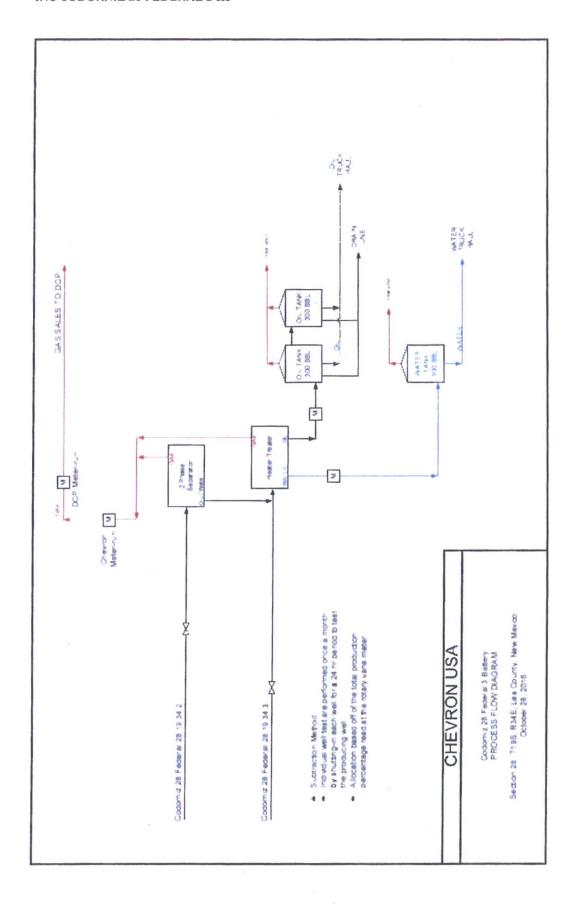
The flow of production is shown in detail on the enclosed process flow diagram and facility diagram maps which show the lease boundaries, well locations, flow line location, CTB, and gas sales meter. The commingling of this production is the most effective economical means of producing the reserves and will not result in reduced royalty or improper measurement of production. The proposed commingling will reduce footprint, reduce traffic, and lower overall emissions.

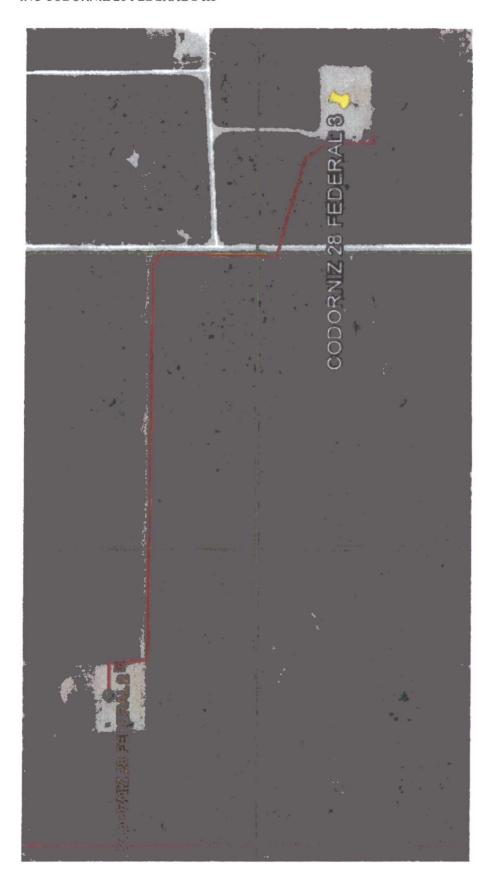
Chevron U.S.A. Inc. understands that the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

All royalty and overriding interest owners will be notified. Chevron is the only working interest owner.

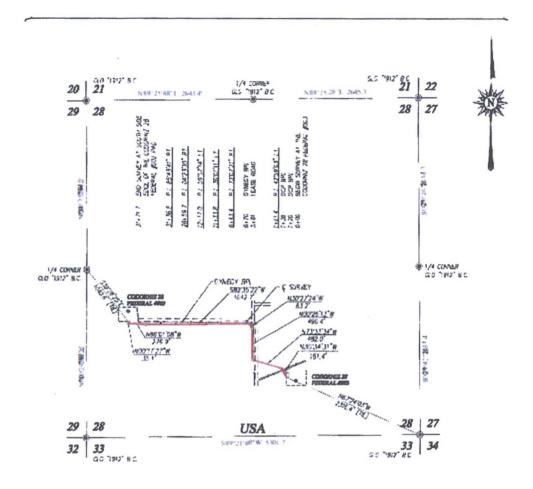
Printed Name: Cameron Khalili

Title: Engineer Date: 12/14/2016



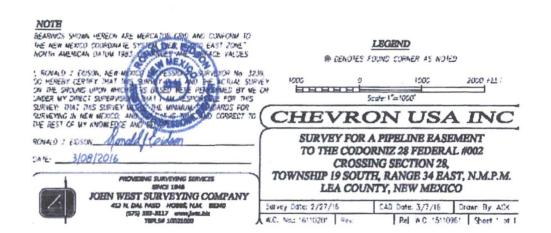






DESCRIPTION

SURVEY OF A STREE OF LAND 50.0 FEET MIDE AND 3171.7 FEET OR 0.601 MILES IN LENGTH DROSSMIL USA LAND IN SECTION 78, TOWNSHIP 19 SOUTH, PANGE 34 EAST, HIMPIN, LEA COUNTY, NEW MERCO, AND BEING 25.0 FEET LEFT AND 25.0 FEET MIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.



Economic Justification Work Sheet CODORNIZ Central Tank Battery

Unit	Royalty Rate	Federal Tract Percentage of Total Unit Area	BOPD	Oil Gravity	Value / BBL	MCFPD	DRY BTU	Value / MCF
Codorniz 28 Fed #2	12.5%	0%	60	40	37.93	200	1156	1.67
Codorniz 28 Fed #3	12.5%	0%	0	NA	NA	11	1156	1.67

Economic combined gas production	BOPD	Oil Gravity	Value / BBL	MCFPD	DRY BTU	Value / MCF
	60	40	37.93	211	1156	1.67

Printed Name: Cameron Khalili Title: Reservoir Engineer

Date: 12/14/2016



January 09, 2017

Cindy Herrera-Murillo Regulatory Specialist Midcontinent BU Chevron North America Exploration and Production Company 1616 W. Bender Blvd Room 134 Hobbs FMT, Hobbs, NM 88240 Tci 575-263-0431 Fax 575-263-0445 cherreramurillo@chevron.com

Re: Application for Surface Commingling Chevron's Codorniz Central Tank Battery Section 28, T19S, R34E, Lea County, New Mexico

Dennis Eimers PO Box 50637 Midland, TX 79710

Override Royalty Interest Owner,

Chevron U.S.A. Inc. respectfully gives notice of intent to surface commungle oil, gas and water production from the Quail Ridge Morrow (Gas) Pool through Chevron's Codomiz Central Tank Battery. Chevron requests the approval to minimize surface disturbance and future traffic by concentrating activities at one battery. Wells producing to this battery include the Codorniz 28 Federal #2 and Codorniz 28 Federal #3 located in Section 28, T 198, R-34E, NMPM, Lea County

The working interest and federal royalty rate are the same for all leases involved in this request (97.5% Chevron). Each well will be tested monthly through a three-phase test heater treater located at the Codorniz 28 Federal Central Tank Battery. Oil and water are measured by a turbine meter on the oil and water outlets and gas is measured by an orifice meter on the gas outlet. Production will be allocated to each well by monthly well tests. A 24 hour test will be performed monthly on each well. Each wells share the CTB's total production. The total production will be calculated based on the results of each monthly well test. This ratio will be applied to the total oil production metered by tank gauging. This method will also be applied to the total gas production metered by the DCP sales meter.

Any objections to this commingle must be sent to the New Mexico Oil Conservation Division; 1220 South St. Francis Drive; Santa Fe. NM 87504, within 20 days of receipt of this notification. If you require additional information, please contact me at 572 202 2022.

SENDER: COMPLETE THIS SECTION Sincerely # Complete items 1, 2, and 8 D Agent # Print your name and address on the reve □ Addres so that we can return the card to you. Attach this card to the back of the melicience Cindy Herrera Murillo or on the front if space permits. Regulatory Specialist **Dennis Eimers** ennis & meas PO Box 50637 Midland, TX 79710 Pitarty Mail Extres Registered tase feet Adult Signatur Continue Malife 9598 9481 0806 5168 5754 17 1527 2550 5000 0110 1107 Leeb forbed Darking



Cindy Herrera-Murillo Regulatory Specialist Midcontinent BU Chevron North America Exploration and Production Company (A Chevron U.S.A. Inc. Division) 1616 W. Bender Blvd Room 134 Hobbs FMT, Hobbs, NM 88240 Tel 575-263-0431 Cherreramurillo@chevron.com

January 19, 2017

Oil Conservation Division Attn: Engineering Department 1220 St. Francis Drive Santa Fe, NM87505

Application for surface commingle, Quail Ridge; Morrow Gas Lea County, NM (T19S, R34E, Section 28)

Dear Sirs,

Chevron U.S.A. Inc. respectfully requests administrative approval to surface commingle oil, gas and water production from the Quail Ridge Morrow Gas Pool through Chevron's Cordorniz 28 Federal 3 Central Tank Battery. Chevron requests the approval to minimize surface disturbance and future traffic by concentrating activities at one battery. Wells producing to this battery include the Codorniz 28 Federal #2 and Codorniz 28 Federal #3. These wells are located in Section 28, T 19S, R 34E in Lea County, New Mexico.

The working interest and federal royalty rate are the same for all leases involved in this request (100% Chevron,). These wells were completed in the 2003 & 2005. Each well will be tested monthly through a turbine meters installed on the heater treater and the gas allocation meter. There are two oil tanks at the CTB that the wells utilize and total oil will be measured by having a qualified field personnel gauge. Each well will be tested monthly through a three phase heater treater located at the Codorniz 28 Federal CTB. Oil and water are measured by a turbine meter on the oil and water outlets and gas is measured by an orifice meter on the gas outlet.

Sincerely,

Cindy Hérrera-Murillo Permitting Specialist

CODORNIZ CENTRAL TANK BATTERY

Owner Information

Section 28, T195, R34E, NMPM, Lea County, New Mexico

	Interest Type	Interest %	Name	Address	City	State	Zip Code
Lease		: 			4	ļ	:
USA NMNM 57285 LSE	WI	97.5	CHEVRON USA INC	PO Box 4791	Houston	TX	77210 4791
USA NMNM 57285 LSE	WI	2.5%	TEW INVESTMENTS LLC	PO BOX 301535	Dallas	TX	75303-1535
USA NMNM 57285 LSF	RI	14.583334%	OFFICE OF NATURAL RESOURCES REVENUE	PO BOX 25627	Denver	со	80225-0627
USA NMNM 57285 LSE	OR	0.75%	WAYNE NEWKUMET	P O BOX 11330	Midland	ΤX	79102
USA NMNM 57285 LSE	OR	0.785%	STEVEN N. GARRITY	4821 EASTMAN DRIVE	Oklahoma City	OK	73122
USA NIMNM S7285 LSE	OR	0.11718%	SHOGOIL AND GAS CO LLC	PO BOX 209 Hay Sprin		NE	69347
USA NMNM 57285 LSE	OR	0.117189%	SHOGOIL AND GAS CO II (LC	PO BOX 29450	Santa Fe	NM	87592-9450
USA NMNM 57285 ESE	OR	0.234374%	BALOG FAMILY TRUST	PO 80X 111890	Anchorage	AK	99511-1890
USA NMNM 57285 LSE	OR	0.234374%	JACK V WALKER REV TRUST	PO BOX 102256	Anchorage	AK	99510-2256
USA NMNM 57285 LSE	OR	0.937501%	JAMES & CELIA STIVASON FAM TR	9500 HARRITT RD SP 97	Lakeside	CA	92040

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY CHEVRON USA INC. CODORNIZ 28 FED 2 & 3

USA NMNM 57285 LSE	OR	0.75%	DENNIS EIMERS	PO BOX 50637	Midland	TX	79710
USA NMNM 57285 LSE	OR	0.75%	JERRY BARNES	1657 UV 510	Chillicothe	МО	64601
USA NMNM 57285 LSE	OR	0.234373%	MARGARETE PETERSON	4817 NEW CASTLE WAY	Anchorage	AK	99503-7042
USA NMNM 57285 LSE	OR	0.5%	ATLAS INVESTMENT CORP	ADDRESS UNKNOWN	Harrisburg	PA	17120

have verified that his information is correct

Jimmy Smith

Land Representative

CERTIFIED MAILING 1151

Wells and Ceases, Godg our Central Tank Battery (Section 28, 195, R.)48, NMNM57285)

Respondant Name/Address:	Certified Receipt #
TLW Investments LLC P O Box 301535 Dallas, TX 75303-1535	7011 0110 0002 0279 8096
Dallas, 1X 75305-1535	
Office of Natural Resources	7011 0110 002 0279 8072
P O Box 25627 Denver, CO 802254-0627	
State of New Mexico Land Office	7010 2780 003 4019 3744
P.O. Box 1148 Santa Fe, NM 87504	
Wayne Newkumet PO Box 11330	7011 0110 0002 0279 8089
Midland, TX 79702	
Steven N. Garrity	7011 0110 0002 0279 7860
4821 Eastman Drive	7011 0110 0002 0279 7800
Oklahoma City, OK 73122	
Shoggil and Gas Co LLC	7011 0110 0002 0279 7877
P O Box 209	
Hay Springs, NE 69347	
Shogoil and Gas LLC	7011 0110 0002 0279 7884
PO Box 29450	
Santa Fe, NM 87592-9450	
Jack V. Walker Rev Trust	7011 0110 0002 0279 7907
PO Box 102256	
Anchorage, AK 99510-2256	
James & Celia Stiyason Family Trust 9500 Harritt Rd Sp 97	7011 0110 0002 0279 7914
Lakeside, CA 92040	

CERTIFIED MAILING LIST

Wells and chases: Codorniz Central Tank Battery (Section 28, 195, B341, NMNM57285)

Dennis Eimers P O Box 50637

Midland, TX 79710

Jerry Barnes

1657 Liv 510

Chillicothe, MO 64601

Margaret Peterson

4817 New Castle Way

Anchorage AK, 99503-7042

7011 0110 0002 0279 7921

7011 0110 0002 0279 7945

7011 0110 0002 0279 7938

DATEIN	SUSPINSE	ENGINEEN	LOGGEDIN	148E	AFFO

ABOVE THE LINE FOR OWNEROW LITE ONLY



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

Codorniz 28 Federal 2 & 3 – 3002536196 & 3002537523 Leases NMNM56263 & CA NMNM117035

Chevron USA Incorporated February 24, 2017 Condition of Approval Pool Commingling of lease production

- 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 or product accountability.
- 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. Gas measurement for allocation must be measured as per Federal Regulations, AGA and API requirements for sales meters.
- 7. 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.
- 8. This agency shall be notified of any change in sales method or location of sales point.
- 9. Additional wells and/or leases require additional commingling approvals.
- 10. Notify this office 24 Hrs. prior to any meter proving to allow time for an inspector to witness.