DI	dil Consenvation Divisio 1625 IN: Preach Drivere	<b>n, District I</b> RIOR	OMB N	APPROVED IO. 1004-0135 : July 31, 2010
B	URFALLOF LAND 88240 GEM	HEN I	5. Lease Serial No. NMNM105885	July 51, 2010
Do not use th	NOTICES AND REPORTS is form for proposals to drill II. Use form 3160-3 (APD) fo	or to re-enter an	6. If Indian, Allottee	or Tribe Name
	PLICATE - Other instruction		7. If Unit or CA/Agr	eement, Name and/or No.
. Type of Well			8. Well Name and No HERCULES FED	
🛛 Oil Well 🔲 Gas Well 🔲 Otl	her		9. API Well No.	
Name of Operator	Contact: NET E-Mail: oaaron@conche	oresources.com	30-005-27999-	
a. Address 550 WEST TEXAS AVENUE MIDLAND, TX 79701-4287	SUITE 100 Ph	Phone No. (include area code) : 432-818-2319 : 432-685-4396	UNDESIGNAT	ED-ABO-WOLFCAMP
Location of Well (Footage, Sec., 7	T., R., M., or Survey Description)		11. County or Parish	1
Sec 15 T15S R31E SWNW 1	980FNL 330FWL		CHAVES COU	INTY, NM
12. CHECK APP	ROPRIATE BOX(ES) TO IN	DICATE NATURE OF	NOTICE, REPORT, OR OTHI	ER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
	Acidize	Deepen	Production (Start/Resume)	U Water Shut-Off
□ Notice of Intent	□ Alter Casing	□ Fracture Treat		Well Integrity Other
Subsequent Report	Casing Repair	□ New Construction	Recomplete Townservily Abandon	Surface Commingli
Final Abandonment Notice	Change Plans	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	
Hercules Federal Com 1H Chaves County, NM API # 30-005-27999 Communitization Agreement Surface: 1980 FNL & 330 F <sup>1</sup> Hercules Federal Com 2H Chavez County, NM API #: 30-005-29049 Communitization Agreement	WL Sec 15, 115S, R31E, Unit	E	HOBBS OCD JUN 02 2011 RECEIVED	• •
14. I hereby certify that the foregoing	Electronic Submission #10/	968 verified by the BLM W RATING LLC, sent to the	ell Information System	
	Committed to AFMSS for proces	ssing by DAVID GLASS on	05/11/2011 (11DG0204SE) ORIZED REPRESENTATIVE	
Name (Printed/Typed) NETHA				
Name (Printed/Typed) NETHA		Date 05/10		
Name (Printed/Typed) NETHA	c Submission)		/2011	
Name (Printed/Typed) NETHA	c Submission)	Date 05/10	/2011	
Name (Printed/Typed)       NETHA         Signature       (Electronic         Approved By_DAVID_R GLASS	c Submission) THIS SPACE FOR	Date 05/10/ FEDERAL OR STATE	/2011	Date 05/11/2
Name (Printed/Typed) NETHA	c Submission) THIS SPACE FOR hed. Approval of this notice does not equitable title to those rights in the su	Date 05/10/ FEDERAL OR STATE TitlePETROL	OFFICE USE	Date 05/11/2
Name (Printed/Typed)       NETHA         Signature       (Electronic         Approved By_DAVID R GLASS       Onditions of approval, if any, are attaccritify that the applicant holds legal or of hich would entitle the applicant to cor	c Submission) THIS SPACE FOR hed. Approval of this notice does not equitable title to those rights in the su iduct operations thereon.	Date 05/10/ FEDERAL OR STATE TitlePETROL t warrant or bject lease Office Roswe me for any person knowingly a	/2011 E OFFICE USE EUM ENGINEER	

### Additional data for EC transaction #107968 that would not fit on the form

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

9

NMNM124864 NMNM125711

### 32. Additional remarks, continued

The Hercules Federal Com 1H has a Communitization Agreement NMNM 125771. This agreement comprises 160.00-acre well spacing unit. It involves 80 acres of Federal land in oil and gas lease NM-105885 and 80.00 acres of State land lease V0-8010.

The Hercules Federal Com 2H has a Communitization Agreement NMNM 124864. This agreement comprises 160.00-acre well spacing unit. It involves 80 acres of Federal land in oil and gas lease NM-105885 and 80.00 acres of State land lease V0-8010.

I have attached proof of notice to all of our working interest owners, a diagram of our battery facility, and a map with lease boundaries showing all well and facility locations.

### Revisions to Operator-Submitted EC Data for Sundry Notice #107968

	Operator Submitted
Sundry Type:	SURCOM NOI
Lease:	NMNM105885
Agreement:	
Operator:	COG OPERATING LLC 550 WEST TEXAS SUITE 100 MIDLAND, TX 79701 Ph: 432-818-2319
Admin Contact:	NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com
	Ph: 432-818-2319 Fx: 432-685-4396
Tech Contact:	NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com
	Ph: 432-818-2319 Fx: 432-685-4396
Location: State: County:	NM CHAVEZ COUNTY
Field/Pool:	WILDCAT; ABO, WOLFCAMP
Well/Facility:	HERCULES FEDERAL COM 1H Sec 15 T15S R31E 1980FNL 330FWL

#### BLM Revised (AFMSS)

SURCOM SR

NMNM105885

NMNM124864 NMNM125711

COG OPERATING LLC 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287 Ph: 432-685-9158

NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com

Ph: 432-818-2319 Fx: 432-685-4396

NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com

Ph: 432-818-2319 Fx: 432-685-4396

NM CHAVES

UNDESIGNATED-ABO-WOLFCAMP

HERCULES FEDERAL COM 1H Sec 15 T15S R31E SWNW 1980FNL 330FWL



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	<ul> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the malipiece, or on the front if space permits.</li> </ul>	A. Signature Agent X Addresse B. Received by (Printed Name) C. Date of Deliver
April 19 2011	1. Anticle Addressed to: Chesapeake Operating Inc. Attn: Robert Martin	D. Is delivery address different from item 1? A er der part address below: No MAILROOIVI 6
Chesapeake Operating, I Attn: Robert Martin	6100 N Western Oklahoma City OK 73118	<ul> <li>3. Service Type</li> <li>3. Certified Mail</li> <li>Certified Mail</li> <li>Express Mail</li> <li>Registered</li> <li>Return Receipt for Merchandis</li> <li>Insured Mail</li> <li>C.O.D.</li> <li>4. Restricted Delivery? (Extra Fee)</li> <li>Yes</li> </ul>
Certified Mail Article Num	2. Article Number (Transfer from service label) 91 7199	9991 7030 0517 3884
Re: Request for Off Le	PS Form 3811 February 2004 Domestic R	eturn Receipt 102595-02-M-15-

#### Mr. Martin:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for Off Lease Measurement and Surface Commingle for the following wells

### Hercules Federal Com 2H Chavez County, NM API #: 30-005-29049 Communitization Agreement # NMNM-124864

Surface:

# Hercules Federal Com 1H

### Chavez County, NM API# 30-005-27999 Communitization Agreement # NMNM-125711

660 FNL & 430 FWL Sec 15, T15S, R31E, Unit D

### Surface: 1980 FNL & 330 FWL Sec 15, T15S, R31E, Unit E

The battery is located on COG Operating, LLC property, Hercules Federal Com #2H Sec 15, T15S, R31E Unit E.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Off Lease Measurement and Surface Commingle if no objection has been made within the 20 days after the application has been received.

Sincerely,

Netha Claron

COG Operating LLC Netha Aaron Regulatory Analyst

	Package ID 9171999991703005173884	Electronic Certified
	Destination ZIP Code 73118	First Class Letter
Confirmation	Customer Reference	
Services	Recipient:	PBP Account # 41592288
	Address:	Serial # 1364097
		APR 19 2011 3 10pm

Fasken Center, Tower II

550 West Texas Avenue, Suite 1300

Midland, Texas 79701 PHONE 432.683.7443 FAX 432.683.7441



<b>COG Operatir</b>	COG Operating LLC is requesting app 	<b>COG Operating LLC</b> is requesting approval for surface commingling and off-lease storage and measurement of hydrocarbon 	e and i	neasurement of	f hydrocarbon
deral Lease No.	derai Lease No.: SHL – NM-105885, BHL –	IL – VO-8010, Com No.:NMNM 125711			
<u>ell Name</u> RTH	<u>API No.</u>	Loc: 1/4 1/4 Sec. Twp. Rng. Formation		<u>BOPD</u> Oil Gravity	ity <u>MCFPD</u>
rcules Federal (	rcules Federal Com 1H 30-005-27999 SW	9 SWNW, Sec.15, T15S, R31E Wildcat; Abo, Wolfcamp	145	39.1/@60°	250 593
. th hydrocarbon	th hydrocarbon production from:				
deral Lease No.	deral Lease No.: SHL – NM-105885, BHL –	IL – VO-8010, Com No.NMNM 124864	.t		
<u>∋ll Name</u>	<u>API No.</u>	Loc: 14 14 Sec. Twp. Rng. Formation	•	<u>BOPD</u> Oil Gravity	ity <u>MCFPD</u>
rcules Federal Com 2H		30-005-29049 NWNW, Sec.15, T15S, R31E Wildcat; Abo, Wolfcamp	113	39.3/@60°	167 593
s storage and n M will be notified	e storage and measuring facility is locate M will be notified if there is any future cho	s storage and measuring facility is located at NWNW, Sec.15, T15S, R31E on Lease No.: NM 105885, Chavez County, New Mexico. M will be notified if there is any future change in the facility location.	05885,	Chavez County	, New Mexico.
stails of the prop	oosed method for allo	tails of the proposed method for allocating production to contributing sources are as follows:	S:		
and Gas are to	and Gas are to be measured at individu	vidual test facilities, and production allocated based on well tests.	n well	tests.	
	•	· · · · · · · · · · · · · · · · · · ·			

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### Bureau of Land Management Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201-1287 (575) 627-0272

### Off-Lease Measurement, Off-Lease Storage, And Surface Commingling Conditions Of Approval

1. This agency will be notified of any change in your sales method or location of the sales meter.

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 is subject to like approval by the New Mexico Oil Conservation Division.
- 5. Additional wells and/or leases require additional commingling approvals.

 Contact the BLM Roswell Field Office at least 24 hours prior to the commencing any monthly well test. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 420-2832. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.

7. 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 to the BLM Roswell Field Office at 2909 West Second Street, Roswell, New Mexico 88201-1287 for wells in Chaves or Roosevelt County if you have not already done so.

(Aggust 2007) DE	EPARTMENT <b>6925</b>	ervation Division, Dist French Drive	O	ORM APPROVED MB NO. 1004-0135 pires: July 31, 2010
	UREAU OF LAN PRODUS		5. Lease Serial NMNM105	No.
Do not use the abandoned we	is form for proposals to II. Use form 3160-3 (AP	drill or to re-enter an D) for such proposals.	6. If Indian, Allo	ottee or Tribe Name
SUBMIT IN TRI	PLICATE - Other instruc	ctions on reverse side.	7. If Unit or CA NMNM125	/Agreement, Name and/or No. 711
I. Type of Well			8. Well Name an HERCULES	id No. FEDERAL COM 1H
2. Name of Operator COG OPERATING LLC	Contact:	NETHA AARON onchoresources.com	9. API Well No. 30-005-279	
3a. Address 550 WEST TEXAS AVENUE MIDLAND, TX 79701-4287	SUITE 100	3b. Phone No. (include area code Ph: 432-818-2319 Fx: 432-685-4396	e) 10. Field and Po UNDESIGN	ool, or Exploratory NATED-ABO-WOLFCAMP
4. Location of Well <i>(Footage, Sec., 7</i>	., R., M., or Survey Description		11. County or P	arish, and State
Sec 15 T15S R31E SWNW 15	980FNL 330FWL		CHAVES C	COUNTY, NM
12. CHECK APPI	ROPRIATE BOX(ES) TO	D INDICATE NATURE OF	NOTICE, REPORT, OR O	THER DATA
TYPE OF SUBMISSION		TYPE O	<b>PF ACTION</b>	
□ Notice of Intent	🗖 Acidize	Deepen	Production (Start/Resum	ne) 🔲 Water Shut-Off
—	Alter Casing	Fracture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete	Other Off-Lease Measurem
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporarily Abandon Water Disposal	t
COG Operating LLC respectful Hercules Federal Com 1H Chaves County, NM API # 30-005-27999 Surface: 1980 FNL & 330 FW This well is producing from the Measurement facility is locate site, Sec 15, T15S, R 31E, Un #726141-00.	/L Sec 15, T15S, R31E, L e Wildcat; Abo-Wolfcamp d on COG Operating LLC	Jnit E (Oil - 97715) Pool. The Off-L property, at our Hercules Fe	Lease	BBS OCD 0 2 2011 Xeived
		·		
14. I hereby certify that the foregoing is Co Name (Printed/Typed) NETHA A	# Electronic Submission For COG ( ommitted to AFMSS for pro	107956 verified by the BLM We DPERATING LLC, sent to the F ocessing by DAVID GLASS on Title AUTHO	Roswell	E
Signature (Electronic S	Submission)	Date 05/10/2	2011	······································
	·····	DR FEDERAL OR STATE	/	
			· · · · · · · · · · · · · · · · · · ·	Data 05/11/2011
<u>Approved By DAVID R GLASS</u> Conditions of approval, if any, are attached certify that the applicant holds legal or equ	itable title to those rights in the	not warrant or subject lease	EUM ENGINEER	Date 05/11/201
which would entitle the applicant to condu Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any person knowingly and to any matter within its jurisdiction	d willfully to make to any departm	ent or agency of the United
States any falsa fictitions or froudulant -				

### Revisions to Operator-Submitted EC Data for Sundry Notice #107956

	Operator Submitted
Sundry Type:	OLM NOI
Lease:	NMNM105885
Agreement:	
Operator:	COG OPERATING LLC 550 WEST TEXAS SUITE 100 MIDLAND, TX 79701 Ph: 432-818-2319
Admin Contact:	NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com
	Ph: 432-818-2319 Fx: 432-685-4396
Tech Contact:	NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com
	Ph: 432-818-2319 Fx: 432-685-4396
Location: State: County:	NM CHAVEZ COUNTY
Field/Pool:	WILDCAT; ABO, WOLFCAMP
Well/Facility:	HERCULES FEDERAL COM 1H Sec 15 T15S R31E 1980FNL 330FWL

#### **BLM Revised (AFMSS)**

OLM SR

NMNM105885

NMNM125711

COG OPERATING LLC 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287 Ph: 432-685-9158

NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com

Ph: 432-818-2319 Fx: 432-685-4396

NETHA AARON AUTHORIZED REPRESENTATIVE E-Mail: oaaron@conchoresources.com

Ph: 432-818-2319 Fx: 432-685-4396

NM CHAVES

UNDESIGNATED-ABO-WOLFCAMP

HERCULES FEDERAL COM 1H Sec 15 T15S R31E SWNW 1980FNL 330FWL



. An unique in the second s	- •	•	• • •	
	<ul> <li>Complete items 1, 2, and 3. Also item 4 if Restricted Delivery is de</li> <li>Print your name and address on so that we can return the card to so that we can return the back of the or on the front if space permits.</li> </ul>	sired. the reverse you.	A Signature X B. Received by ( <i>Printed Name</i> ) RECEIVED	Agent Addresse C. Date of Deliver
April 19 2011	1. Article Addressed to: Chesapeake Opera- Attn: Robert Martir	fing Inc	D. Is delivery address different from iter A ed delivery address below MAILROOIVI 6	
Chesapeake Operating, I Attn: Robert Martin 6100 N. Western Oklahoma City, OK 73118	6100 N Western		3. Service Type D Certified Mail D Express Mai	) ipt for Merchandis □ Yes
Certified Mail Article Num	2. Article Number (Transfer from service label)	91 7199	9991 7030 OS17 388	4
Re: Request for Off Le	PS Form 3811 February 2004	Domestic I	Return Receipt	102595-02-M-154

Mr. Martin:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for Off Lease Measurement and Surface Commingle for the following wells

### Hercules Federal Com 2H Chavez County, NM API #: 30-005-29049 Communitization Agreement # NMNM-124864

Surface:

660 FNL & 430 FWL Sec 15, T15S, R31E, Unit D

### **Hercules Federal Com 1H** Chavez County, NM API# 30-005-27999 Communitization Agreement # NMNM-125711

#### 1980 FNL & 330 FWL Sec 15, T15S, R31E, Unit E Surface:

The battery is located on COG Operating, LLC property, Hercules Federal Com #2H Sec 15, T15S, R31E Unit E.

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Off Lease Measurement and Surface Commingle if no objection has been made within the 20 days after the application has been received.

Sincerely,

Letha Claron

COG Operating LLC Netha Aaron **Regulatory Analyst** 

	Package ID 9171999991703005173884	Electronic Certified
	Destination ZIP Code 73118	First Class Letter
Confirmation	Customer Referenci .	
Services	Recipient:	PBP Account # 41592288
	Address:	Serial # 1364097
		APR 19 2011 3 10pm

Fasken Center, Tower II 550 West Texas Avenue, Suite 1300

Midland, Texas 79701 PHONE 432.683.7443 FAX 432.683.7441



COG Operating LLC is requesting approval for surface commingling and off-lease storage and measurement of hydrocarbon 

deral Lease No.: SHL – NM-105885, BHL	L – NM-105885, BHL –	VO-8010, Com No.:NMNM 125711				
<u>ell Name</u> RTL	API No.	Loc: 1/4 1/4 Sec. Twp. Rng. Formation		<u>BOPD</u> Oil Gravity		MCFPD
rcules Federal Com	11H 30-005-27999 SV	rcules Federal Com 1H 30-005-27999 SWNW, Sec. 15, T15S, R31E Wildcat; Abo, Wolfcamp	145	145 39.1/@60°	250	593
th hydrocarbon production from:	duction from:					
deral Lease No.: SH	deral Lease No.: SHL – NM-105885, BHL –	VO-8010, Com No.NMNM 124864				
<u>ell Name</u> BTU	API No.	Loc: 1/1 / Sec. Twp. Rng. Formation		BOPD Oil Gravity		MCFPD
rcules Federal Com	2H 30-005-29049 NV	rcules Federal Com 2H 30-005-29049 NWNW, Sec.15, T15S, R31E Wildcat; Abo, Wolfcamp	113	113 39.3/@60°	167	593
e storage and mea: M will be notified if t	suring facility is locate here is any future cho	It storage and measuring facility is located at NWNW, Sec.15, T15S, R31E on Lease No.: NM 105885, Chavez County, New Mexico. W will be notified if there is any future change in the facility location.	5885,	Chavez County	, New	Mexico.
stails of the propose	d method for allocat	stails of the proposed method for allocating production to contributing sources are as follows:	·			
and Gas are to be	measured at individu	and Gas are to be measured at individual test facilities, and production allocated based on well tests.	well t	ests.		• .

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## Bureau of Land Management Roswell Field Office 2909 West Second Street Roswell, New Mexico 88201-1287 (575) 627-0272

### Off-Lease Measurement, Off-Lease Storage, And Surface Commingling Conditions Of Approval

1. This agency will be notified of any change in your sales method or location of the sales meter.

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 is subject to like approval by the New Mexico Oil Conservation Division.
- 5. Additional wells and/or leases require additional commingling approvals.
- 6. Contact the BLM Roswell Field Office at least 24 hours prior to the commencing any monthly well test. For wells in Chaves and Roosevelt County, during office hours call (575) 627-0205 or after office hours call (575) 420-2832. Engineer on call during office hours phone (575) 627-0275 or phone (after hours) call (575) 626-5749.
- 7. 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 to the BLM Roswell Field Office at 2909 West Second Street, Roswell, New Mexico 88201-1287 for wells in Chaves or Roosevelt County if you have not already done so.