RECEIVED:7/6/2017

REVIEWER:

718763202

ABOVE THIS TABLE FOR OCD DIVISION USE ON

NEW MEXICO OIL CONSERVATION DIVISION



- Geological & Engine 1220 South St. Francis Drive,	
ADMINISTRATIVE APPLI	CATION CHECKLIST
THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE REGULATIONS WHICH REQUIRE PROCESSING	applications for exceptions to division rules and
Applicant: COG Operating LLC	OGRID Number: 229137
Nell Name: Carmen 3 Federal Com #91H	API: 30-015-44271
Pool: Loco Hills; Glorieta-Yeso	Pool Code: 96718
SUBMIT ACCURATE AND COMPLETE INFORMATION INDICATED 1) TYPE OF APPLICATION: Check those which apply A. Location – Spacing Unit – Simultaneous Dedi	for [A] ication
B. Check one only for [1] or [1] [1] Commingling – Storage – Measurement DHC	OLS OLM - Enhanced Oil Recovery DEOR PPR FOR OCD ONLY
2) NOTIFICATION REQUIRED TO: Check those which A. Offset operators or lease holders B. Royalty, overriding royalty owners, revenue. C. Application requires published notice D. Notification and/or concurrent approval E. Notification and/or concurrent approval F. Surface owner	apply. De owners by SLO Notice Complete Application Content Complete
G. For all of the above, proof of notification H. No notice required	or publication is attached, and/or,
3) CERTIFICATION: I hereby certify that the informati administrative approval is accurate and complet understand that no action will be taken on this approval in the complet of the Division.	e to the best of my knowledge. I also
Note: Statement must be completed by an individ	ual with managerial and/or supervisory capacity.
	07/02/2017
Dahun Duggall	07/03/2017 Date
Robyn Russell	
Print or Type Name	(432) 685-4385
	Phone Number

Rrussell@concho.com e-mail Address



July 3, 2017

New Mexico Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505

RE: Carmen 3 Federal Com #91H NSL

To Whom It May Concern,

COG Operating LLC respectfully requests approval of a non-standard project area for the following wells:

Carmen 3 Federal Com #91H - API #3001544271

SHL: 430 FNL 170 FEL, Lot 1, Sec 3, T17S, R30E BHL: 330 FNL 10 FWL, Lot 4, Sec 3, T17S, R30E

TVD: 4775'

The granting of this NSL will optimize the completed lateral length of this wellbore, reducing waste while protecting correlative rights, and improving well economics and increasing revenue to the State of New Mexico and the Federal Government.

COG Operating LLC is the Operator in Section 3, T17S, R30E. Apache Corporation, Et. Al., as non-operating working interest owners of the leasehold in these sections, has been sent notification via certified mail. Copies of said mail have been attached to this application.

Please contact me should you have any questions.

Sincerely,

Robyn Russell Regulatory Analyst COG Operating, LLC (432) 685-4385

Rrussell@concho.com

District 1 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

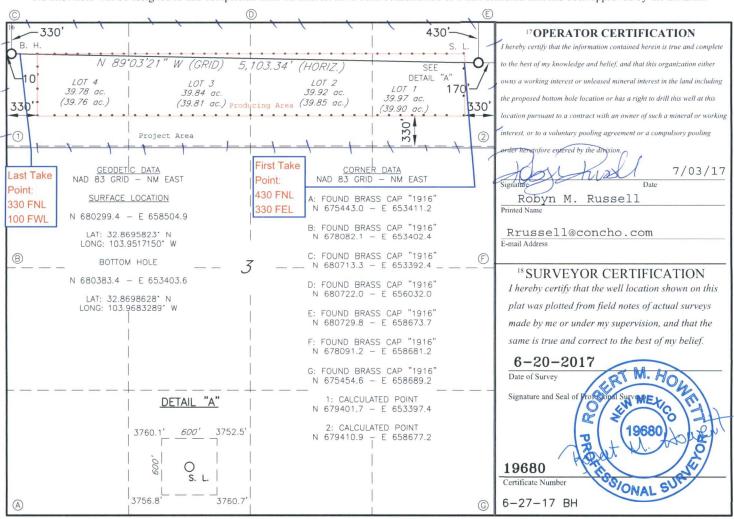
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

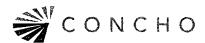
Washington and the state of the										
1	API Number	r		² Pool Code		³ Pool Name				
30-	015-44	1271		96718		Loco Hills; Glorieta-Yeso				
⁴ Property Co	de	5 Property Name				(6 Well Number			
39065			CARMEN 3 FEDERAL COM 91H				91H			
7 OGRID 1	NO.		8 Operator Name 9 Elevation							
22913	37			CO	COG OPERATING, LLC 3756'					
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet From the	East/We	est line	County
1	3	17S	30E		430	NORTH	170	EAS	ST	EDDY
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/We	est line	County
4	3	17S	30E		330	NORTH	10	WES	ST	EDDY
12 Dedicated Acres	13 Joint	or Infill 14 (Consolidation	Code 15 O	rder No.					
159.32										

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



Carmen 3 Federal Com #91H Lease Map

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Memorandum

To Leonard Lowe

Engineering Bureau

New Mexico Oil Conservation Division

From Bryan Montgomery

Reservoir Engineering Supervisor, NM Shelf Team

COG Operating LLC

Date June 7, 2017

Subject Carmen 3 Federal Com #91H NSL Engineer Statement

COG Operating LLC (COG) is requesting a non-standard location exception (NSL) for this horizontal well to be able to access and drain Yeso reserves that would otherwise be left in the reservoir, thereby preventing waste of an economic resource. The Yeso is a very low permeability reservoir that does not sufficiently drain a great distance from wellbores and their hydraulic fractures. In addition, it would not be economical to try to access these reserves with a vertical well.

Carmen 3 Federal Com #91H

Application for Non-Standard Location

Notification List

Tract	Date Sent	Notification Sent to:	Receipt No.
Tract 1		Apache Corporation, 303 Veterans Airpark Ln., Suite 600Midland, TX 79705	91-7199-9991-7036-0788-0951
Tract 1	/	Black Shale Minerals LLC, PO Box 2243, Longview, TX 75606-2243	91-7199-9991-7035-3278-4904
Tract 1	_	Chisos Ltd., 670 Dona Ana Road, SW, Deming, NM 88030	91-7199-9991-7035-3278-4515



June 7, 2017

Apache Corporation 303 Veterans Airpark Ln., Suite 600 Midland, TX 79705

RE: Designation of a Non-Standard Location by COG Operating LLC Eddy County, New Mexico

to When & Pay Careen

This letter is to advise you that COG Operating LEG has fred the englosed Well Devication and Acreage PraticC-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 3, T17S, R30E, Eddy County. New Mexico.

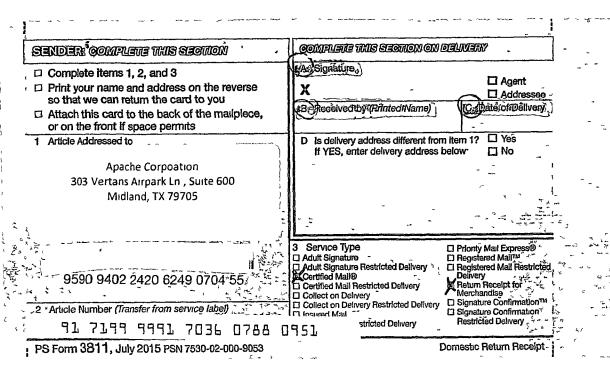
Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice shall constitute an approval/waiver of protest to COG's non-standard location.

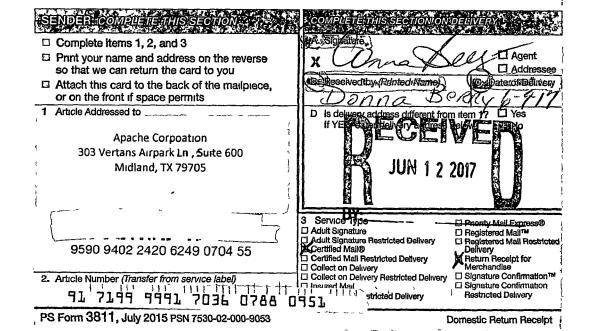
Please contact me should you have any questions.

Sincerely.

Robyn Russell Regulatory Analyst COG Operating, LLC (432) 685-4385

Rrussell@concho.com

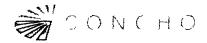




7036 078 260

600 W ILLINOIS AVENUE ONE CONCHO CENTER

MIDLAND



June 7 2017

Black Shale Minerals LLC PO Box 2243 Longview, TX 75606-2243

RE Designation of a Non-Standard Location by COG Operating LLC Eddy County New Mexico

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Should your company have any objection it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice shall constitute an approval/waiver of protest to COG's non-standard location.

Please contact me should you have any questions

Sincerely

Robyn Russell
Regulatory Analyst
COG Operating LLC
(432) 685-4385
Rrussell@concho com

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June 7, 2017

Chisos Ltd. 670 Dona Ana Road, SW Deming, NM 88030

RE: Designation of a Non-Standard Location by COG Operating LLC Eddy County, New Mexico

in Virgor Entry Lourence

This letter is to advise you that COG Quarating LLC has fled the enclosed Well Dedination and Acreage Plan (C-102) with the New Mexico Oil Conservation Division seeking to designate a non-standard location in Section 3, T17S, R30E, Eddy County, New Mexico

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. Non response within the 20 day notice shall constitute an approval/waiver of protest to COG's non-standard location.

Please contact me should you have any questions.

Sincerely.

Robyn Russell Regulatory Analyst COG Operating, LLC (432) 685-4385 Rrussell@concho.com

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Domestic Return Receipt

600 W ILLINOIS AVENUE

ONE CONCIIO CENTER

3278

O Z O I O

Lowe, Leonard, EMNRD

From:

Robyn Russell < Rrussell@concho.com>

Sent:

Monday, July 10, 2017 12:23 PM

To:

Lowe, Leonard, EMNRD

Subject:

RE: Carmen 3 Fed Com 91H NSL Additional Information

They are all equally in those two units

Thank you,

Robyn Russell Regulatory Analyst (432) 685-4385

From: Lowe, Leonard, EMNRD [mailto:Leonard.Lowe@state.nm.us]

Sent: Monday, July 10, 2017 1:19 PM

To: Robyn Russell

Subject: [External] RE: Carmen 3 Fed Com 91H NSL Additional Information

**** External email. Use caution. ****

Robyn Russell,

It's the same plat as submitted in the original. I didn't think the original was incorrect.

What is your definition of Tract?

You identified 3 entities in Tract. Where are each located in?

Leonard Lowe

Engineering Bureau

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St. Frances

Santa Fe, New Mexico 87004

Office: 505-476-3492 Cell: 505-930-6717 Fax: 505-476-3462

E-mail: leonard.lowe@state.nm.us

Website: http://www.emnrd.state.nm.us/ocd/

From: Robyn Russell [mailto:Rrussell@concho.com]

Sent: Monday, July 10, 2017 12:06 PM

To: Lowe, Leonard, EMNRD < <u>Leonard.Lowe@state.nm.us</u>> **Subject:** Carmen 3 Fed Com 91H NSL Additional Information

Hey Leonard,

Please see the attached corrected Land plat for this application. The SE/4SE/4 of Sec 33, 16S, 30E and the NE/4NE/4 of Sec 4, 17S, 30E are both included in Offset Tract 1.

Lowe, Leonard, EMNRD

From

Lowe, Leonard, EMNRD

Sent

Monday, July 10, 2017 12 19 PM

To

'Robyn Russell'

Subject

RE Carmen 3 Fed Com 91H NSL Additional Information

Robyn Russell,

It's the same plat as submitted in the original I didn't think the original was incorrect

What is your definition of Tract?

You identified 3 entities in Tract Where are each located in?

Leonard Lowe

Engineering Bureau

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St Frances

Santa Fe, New Mexico 87004

Office 505-476-3492

Cell 505-930-6717

Fax 505-476-3462

E-mail leonard lowe@state nm us

Website http://www.emnrd.state.nm.us/ocd/

From Robyn Russell [mailto Rrussell@concho com]

Sent Monday, July 10, 2017 12 06 PM

To Lowe, Leonard, EMNRD < Leonard Lowe@state nm us>

Subject Carmen 3 Fed Com 91H NSL Additional Information

Hey Leonard,

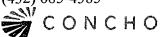
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Please let me know if you need anything else for the approval of this application

Thank you,

Robyn Russell

Regulatory Analyst COG Operating LLC 600 W Illinois Ave Midland, Tx 79701 (432) 685-4385



Carmen 3 Federal Com #91H Lease Map

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Lowe, Leonard, EMNRD

From Robyn Russell < Rrussell@concho com>

Sent Monday, July 10, 2017 12 06 PM

To Lowe, Leonard, EMNRD

Subject Carmen 3 Fed Com 91H NSL Additional Information

Attachments Carmen 3 Fed Com 91H Land Plat pdf

Hey Leonard,

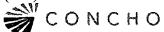
Please see the attached corrected Land plat for this application. The SE/4SE/4 of Sec 33, 16S, 30E and the NE/4NE/4 of Sec 4, 17S, 30E are both included in Offset Tract 1

Please let me know if you need anything else for the approval of this application

Thank you,

Robyn Russell

Regulatory Analyst COG Operating LLC 600 W Illinois Ave Midland, Tx 79701 (432) 685-4385



NOTICE The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Further, any contract terms proposed or purportedly accepted in this email are not binding and are subject to management's final approval as memorialized in a separate written instrument, excluding electronic correspondence, executed by an authorized representative of COG Operating LLC or its affiliates.