LOGGED IN 12/4/06

TYPE 115P

APP NO TO 506 33851706

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST II Conservation Division 1220 S. St. Francis Drive THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS TO SECURITY OF SECURITY O **Application Acronyms:** [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response] COG-Operating State 5-19#30 TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication NSL ⊠ NSP □ SD Check One Only for [B] or [C] Commingling - Storage - Measurement DHC ☐ CTB ☐ PLC PC OLS Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] WFX PMX SWD PIPI EOR PPR [D] Other: Specify NOTIFICATION REQUIRED TO: - Check Those Which Apply, or □ Does Not Apply [21 Working, Royalty or Overriding Royalty Interest Owners [A] NOV 29 2006 [B] Offset Operators, Leaseholders or Surface Owner Oil Conservation Division [C] Application is One Which Requires Published Legal Notice 1220 S. St. Francis Drive Santa Fe, NM 87505 [D]Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E]For all of the above, Proof of Notification or Publication is Attached, and/or, [F] Waivers are Attached [31 SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. CERTIFICATION: I hereby certify that the information submitted with this application for administrative [41 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. Jerry W. Sherrell Production Clerk 11/27/06 Print or Type Name Title Date jerrys@mackenergycorp.com

e-mail Address



November 27, 2006

Oil Conservation Division Attn: Mike Stogner 1220 South St. Francis Drive Santa Fe, NM 87505

Dear Mr. Stogner:

Mack Energy contract operator for COG Operating LLC respectfully requests an administrative approval without notice and hearing of the following Non Standard Spacing Unit.

The well location and legal description is as follows:

State S-19 #30 400 FSL & 430 FWL Sec. 19-T17S-R29E Eddy County, New Mexico

The well will be completed in the Empire Yeso Pool.

Attached to this application are the following exhibits.

A.) Well location and acreage dedication plat (form C-102) filed with the Artesia office of the Oil Conservation Division this is Lot 4 and is 27.50 acres which is less than 70% of a 40 acre Unit therefore a Non Standard Spacing Unit (Exhibit A).

Please note that COG is the operator of the offsetting proration units in the Empire Yeso Pool, therefore no other operators are required to be notified. This location is not encroaching the offsetting units. The proposed location is the second Empire Yeso well in this Lot.

Oil Conservation Division November 27, 2006 Page 2

Thank you for your assistance in this matter. If you have any questions, please feel free to call me at (505) 748-1288.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell Production Clerk

JWS/

### State of New Mexico

DISTRICT I 1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II 1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

# OIL CONSERVATION DIVISION 1220 SOUTH ST. FRANCIS DR. Santa Fe, New Mexico 87505

Revised October 12, 2005 Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

DISTRICT IV

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

1220 S. ST. FRANCIS DR., SANTA FR, NM 8750		ACKEAGE DEDICATION TEAT	☐ AMENDED REPORT				
API Number	Pool Code	Pool Name	222				
	96210	Empire Yeso	22260				
Property Code	Proj	Property Name					
302569	STAT	30					
OGRID No.	<u>-</u>	rator Name	Elevation				
229137	COG OPE	CRATING, LLC	3659'				

#### Surface Location

1	UL or lot No.	Section	Township	Range	Lot idn	Feet from the	North/South line	Feet from the	East/West line	County
	4	19	17-S	29-E		400	SOUTH	430	WEST	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/West line	County
Dedicated Acres	Joint o	or Infill Co	nsolidation	Code Or	der No.		<u> </u>	<u>]'</u> _	<u> </u>
27.50									

### NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OI I	NON-STANDARD UNIT HAS BEEN AP	TROVED BY THE DIVISION
LOT 1		OPERATOR CERTIFICATION
27.36 AC LOT 2		I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unlessed mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such imineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
27.28 AC LOT 3		Jerry W. Sherrell  Printed Name  SURVEYOR CERTIFICATION  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
		NOVEMBER 9, 2006
N/ Y= X= LAT.=	CIC COORDINATES AD 27 NME 659849.9 N 565680.7 E 632.813833° N 6104.119547° W	NOVEMBER 9, 2006  Date Surveyed LA  Signature & Seaf & Sea

# Brooks, David K., EMNRD

From: Brooks, David K., EMNRD

Sent: Tuesday, January 02, 2007 10:44 AM

To: 'Jerry Sherrell'

Subject: State S-19 #30 and 31; NSP applications

Dear Mr. Sherrell

I have for review the referenced applications.

Your letters indicate that no notice was given because COG is operator of all offsetting units. Notice to working interest owners would still be required if working interest ownership in the subject units and the respective offsetting units is not uniform.

Can you confirm, as to each of these applications, that working interest ownership in the relevant zone is uniform as to the subject unit and the offsetting units as to each application?

**Thanks** 

David K. Brooks Assistant General Counsel 505-476-3450

# Brooks, David K., EMNRD

From: Brooks, David K., EMNRD

Sent: Wednesday, January 03, 2007 1:55 PM

To: 'Jerry Sherrell'

Subject: State S-19 #30 and 31; NSP applications

### Dear Jerry

OCD will require that notice of these applications be sent to all affected persons [See Rule 1210(A)(2)(a) for definition] in all spacing units adjacent to the proposed non-standard units.

When you have mailed these notices please furnish us a copy of your notice letter and a list of the names and address of persons to whom it was sent for each application.

If you have any questions, feel free to call or email me.

Sincerely

David K. Brooks Assistant General Counsel 505-476-3450

# Brooks, David K., EMNRD

From: Brooks, David K., EMNRD

Sent: Monday, January 08, 2007 4:49 PM

To: 'Jerry Sherrell'

Subject: State S-19 #30 and 31; NSP applications

Dear Mr. Sherrell

I have received copies of the notices you sent of these administrative applications to Cimarex Energy Co., Devon Energy Corporation and Marbob Energy Corporation.

The Division records, if I am reading them correctly, show the following as offset operators:

east, southeast and south of both units - COG west of both units - Cimarex northeast of the Lot 3 - Clayton Williams

I find no producing wells shown in the Empire Yeso north or northwest of Lot 3, or southwest of Lot 4.

I assume Cimarex was noticed because of their offsetting wells to the west.

Why were Devon and Marbob noticed? Are they working interest owners in offsetting units operated by COG? If so, are they all of the working interest owners in offsetting units operated by COG where working interest ownership is not identical to that in Lots 3 and 4?

Why was Clayton Williams not notified? I realize that it is possible that Unit F of Section 19 does not actually touch Lot 3, but it would appear to do so from the C-102 furnished. If it does touch at a point, then it is an "adjoining spacing unit." See Rule 7.A(3).

What about the working interest owners in Lot 2 and in the units to the northwest of Lot 3 and to the southwest of Lot 4, where there are apparently no producing Yeso wells? Working interest owners in these units would need to be noticed unless COG owns the entire working interest in these units, or the working interest ownership in these units is identical to that in Lots 3 and 4.

I will need answers to these questions in order to determine compliance of these applications with the requirements of which I previously advised you.

Thanks in advance for your attention.

Sincerely

David K. Brooks Assistant General Counsel 505-476-3450



CUUT JAN 8 PAT 1 49

January 4, 2007

# VIA CERTIFIED MAIL 7006 0100 0002 8524 8595

Cimarex Energy Co 6215 N. O'Connor Blvd., Ste 1500 Irving, TX 75039

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely, Ceny W. Shevel

Jerry W. Sherrell Production Clerk

JWS/

2007 JAN 8 PM 1 49

Post Office Box 960 Artesia, NM 88211-0960 Office (505) 748-1288 Fax (505) 746-9539

January 4, 2007

# VIA CERTIFIED MAIL 7006 0100 0002 8524 8601

Devon Energy Corporation 20 N. Broadway Ste 1500 Oklahoma City, OK 73102-8260

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

Shenell

JWS/



# 2007 JAN 8 PM 1 49

January 4, 2007

VIA CERTIFIED MAIL 7006 0100 0002 8524 8618

Marbob Energy Corporation P.O. Box 227 Artesia, NM 88211-0227

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

eny W. Shenell

JWS/

We are unable to find any Yeso production in Unit Letters H, I, or P of Section 24, or Unit Letter A of Section 25, T17S, R28E.

All of Section 24 is subject to an Operating Agreement covering depths from 2300 feet to 10,896 feet below the surface. Our records indicate Devon is the Operator. We are also aware that Magnum Hunter (predecessor to Cimarex) was unsuccessful in drilling some Yeso wells in Section 24. In order of be safe, we notified both companies. The working interest owners of record in Unit Letters H and I are:

COG Oil & Gas LP
Fasken
ExxonMobil Corporation
Devon Energy Corporation

The working interest owners of record in Unit Letter P are:

Fasken COG Oil & Gas LP SDX Resources Group

Marbob is the Operator of Yeso rights in a large portion of Section 25, T17S, R28E, and we mistakenly thought the Operating Agreement covered Unit Letter A. It does not. The working interest owners of record for Unit Letter A as to those depths from 4200 feet to the top of the Abo formation are:

BP America Production Company Yates Petroleum Corporation Marathon Oil Company Dominion Marbob Energy Corporation Pitch Energy Corporation

Clayton Williams is the Operator of Yeso rights in the N/2 of Section 19, T17S, R29E. COG Operating LLC is the Operator of Yeso rights in the N/2 of Section 30.



# 2007 JRN 19 PM 2 06

Post Office Box 960 Artesia, NM 88211-0960 Office (505) 748-1288 Fax (505) 746-9539

January 15, 2007

### VIA CERTIFIED MAIL 7006 0100 0002 8524 8700

Clayton Williams Inc. 6 Desta Dr. Ste. 6500 Midland, TX 79705

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, Eddy County, New Mexico.

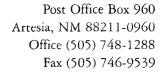
Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

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JWS/





### VIA CERTIFIED MAIL 7006 0100 0002 8524 8670

BP America Production Co. 501 Westlake Park Blvd. Houston, TX 77079-2604

### Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, Eddy County, New Mexico.

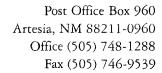
Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

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JWS/





# VIA CERTIFIED MAIL 7006 0100 0002 8524 8656

COG Operating LLC 550 W. Texas Suite 1300 Midland, TX 79701

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely.

Jerry W. Sherrell Production Clerk

W. Shenell

JWS/





# VIA CERTIFIED MAIL 7006 0100 0002 8524 8694

Dominion Exploration & Production Inc. 14000 Quail springs Pkwy. Suite 600 Oklahoma City, OK 73134

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, Eddy County, New Mexico.

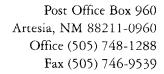
Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

any W. Shevell

JWS/





### VIA CERTIFIED MAIL 7006 0100 0002 8524 8649

ExxonMobil Corporation PO Box 4610 Houston, TX 77210

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

any W. Shenell

JWS/



January 15, 2007

# VIA CERTIFIED MAIL 7006 0100 0002 8524 8632

Fasken Oil and Ranch, LTD 303 W. Wall Street, Suite 1800 Midland, TX 79701

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

any W. Shenell

JWS/



January 15, 2007

### VIA CERTIFIED MAIL 7006 0100 0002 8524 8717

Marathon Oil Company P. O. Box 4814 Houston, TX 77210-4814

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

leng W. Shenell

JWS/



January 15, 2007

### VIA CERTIFIED MAIL 7006 0100 0002 8524 8724

Pitch Energy Corporation P.O. Box 227 Artesia, NM 88211-0227

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely,

Jerry W. Sherrell Production Clerk

leng W. Shenell

JWS/



January 15, 2007

### VIA CERTIFIED MAIL 7006 0100 0002 8524 8663

SDX Resources, Inc. 511 W Ohio Ave., Ste 601 Midland, TX 79701-4338

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely, Juny W. Sherrall

Jerry W. Sherrell Production Clerk

JWS/



January 15, 2007

### VIA CERTIFIED MAIL 7006 0100 0002 8524 8687

Yates Petroleum Corporation 105 S. 4<sup>th</sup> Street Artesia, NM 88210-2177

Dear Sir or Madam:

This letter will serve as a notice that Mack Energy contract operator for COG Operating LLC has requested administrative approval from the NMOCD for two orthodox Empire Yeso oil well locations within two Non Standard Spacing Units. The State S-19 #30 is located in Lot 4, 400 FSL & 430 FWL of Section 19-T17S-R29E, Eddy County, New Mexico. The State S-19 #31 is located in Lot 3, 1650 FSL & 330 FWL of Sec. 19 T17S R29E, 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. The Division Director may approve the Non Standard Spacing Unit location if no objection has been made within the 20 days after proof of notification has been received.

Sincerely.

Jerry W. Sherrell Production Clerk

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JWS/