

DATE IN 11/09/2015	SUSPENSE	ENGINEER MAN	LOGGED IN 11/09/2015	TYPE LTB	APP NO. P44415313 45146
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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

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

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]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
 Check One Only for [B] or [C]
 [B] Commingling - Storage - Measurement
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM #22H API# Pending
 [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR #24H API#
 [D] Other: Specify _____
 Pan Head Fee
 #4H API# 30-025-40888
 #11H API# Pending
 #12H API# 30-025-40899
 #13H API# Pending
 #21H API# 30-025-40886
 #23H API# 30-025-42756
 30-025-42820
- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply
 [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [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

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative 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.

Kanicia Castillo

Print or Type Name

Signature

Lead Regulatory Analyst

Title

11/03/15

Date

kcastillo@concho.com

e-mail Address



Kanicia Castillo
Lead Regulatory Analyst

November 6, 2015

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

RECEIVED OOD

2015 NOV -9 A 11:19

Re: Request for Surface Commingle

Mr. McMillan,

COG Operating LLC respectfully requests approval to Surface Commingle our Pan Head Fee wells at our pan Head Fee #4H battery. Please see attached well list.

Pan Head Fee 4H (CTB)

Lea County, NM

API # 30-025-40888

Surface: 330 FNL & 2320 FWL

Sec 11, T17S, R32E, Unit C

Pan Head Fee 11H

Lea County, NM

API # 30-025-

Surface: 195 FNL & 500 FWL

Sec 11, T17S, R32E, Unit D

Pan Head Fee 12H

Lea County, NM

API #: 30-025-40899

Surface: 330 FNL & 990 FWL

Sec 11, T17S, R32E, Unit D

Pan Head Fee 13H

Lea County, NM

API #: Pending

Surface: 245 FNL & 1770 FWL

Sec 11, T17S, R32E, Unit C

Pan Head Fee 21H

Lea County, NM

API# Pending

Surface: 330 FNL & 330 FWL

Sec 11, T17S, R32E, Unit D

Pan Head Fee 22H

Lea County, NM

API# Pending

Surface: 200 FNL & 780 FWL

Sec 11, T17S, R32E, Unit D

Pan Head Fee 23H

Lea County, NM

API# Pending

Surface: 245 FNL & 1910 FWL

Sec 11, T17S, R32E, Unit C

Pan Head Fee 24H

Lea County, NM

API# 30-025-42820

Surface: 85 FSL & 2180 FWL

Sec 2, T17S, R32E, Unit N

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. We have 4 wells with common ownership and another set of 4 wells with common ownership. The 11H, 12H, 21H, 22H will be produced into a test separator and the 4H, 24H, 13H, 23H will be produced into a separator. Every third day, one of the wells will be taken out of the test separator and produced into the production separator. That well's production will be determined by using the subtraction method. After 3 days, that well will be produced back into the test separator and another well will be taken out of the test separator and produced into the production separator. Now, that well's production will be determined by subtraction. And the process continues throughout the month until all wells have a test. Commingling will not reduce the value of production.

These wells will be producing from the Maljamar; Yeso, West 44500. Attached is a diagram of the battery facility, a map showing the well locations and the location of the CTB, admin checklist, and notice to all interest owners and publication.

Please contact me at 432-685-4332 should you have any questions.

Sincerely,

COG Operating LLC
Kanicia Castillo

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr. Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

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.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: COG Operating LLC
OPERATOR ADDRESS: One Concho Center, 600 W. Illinois Ave, Midland, TX 79707
APPLICATION TYPE:

☐ Pool Commingling ☒ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☒ Fee ☐ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☐ Yes ☒ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No.
(4) Measurement type: ☐ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☐ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code. Maljamar; Yeso, West 44500
(2) Is all production from same source of supply? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No
(4) Measurement type: ☒ Metering ☒ Other (Specify) Test method w/common interest.

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attach sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: KC TITLE: Lead Regulatory Analyst DATE: 9/29/15
TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332
E-MAIL ADDRESS: kcastillo@concho.com

WELLS:
PAN HEAD FEE #004H: 30-025-40888
PAN HEAD FEE #011H: TBP
PAN HEAD FEE #012H: 30-025-40899
PAN HEAD FEE #013H: TBP

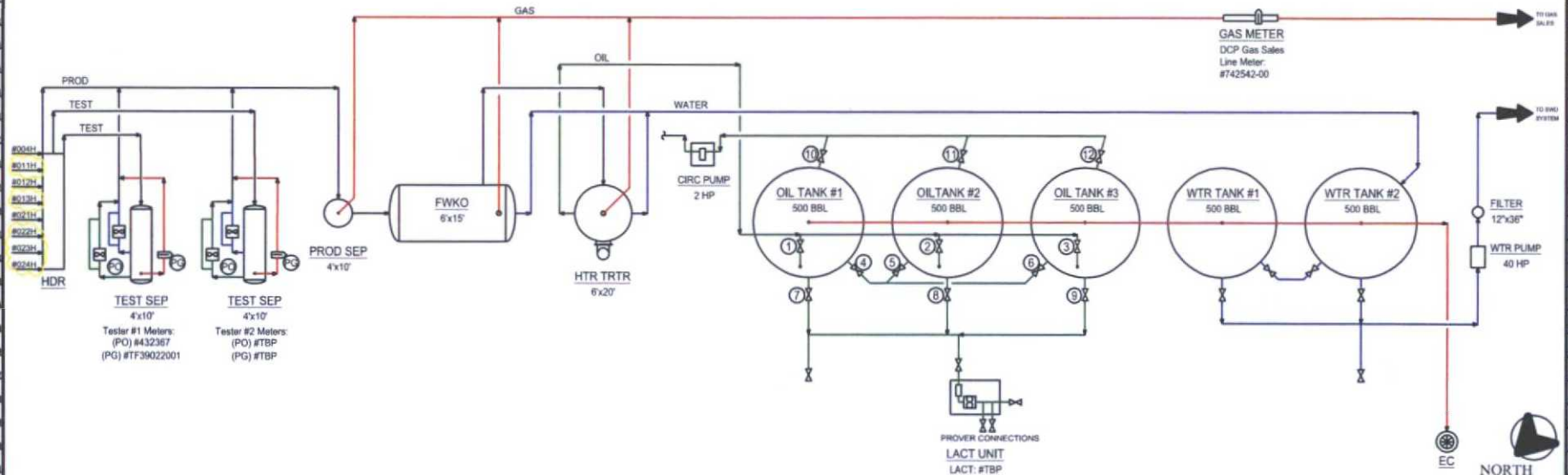
WELLS
PAN HEAD FEE #021H: 30-025-40886
PAN HEAD FEE #022H: TBP
PAN HEAD FEE #023H: 30-025-42756
PAN HEAD FEE #024H: 30-025-42820

Production Phase - Oil Tank #1

- Valve 1 open
- Valves 2 and 3 closed
- Valves 4, 5, and 6 open
- Valves 7, 8, and 9 closed
- Valves 10, 11, and 12 closed

Sales Phase - Oil Tank #1

- Valve 1 closed
- Valves 2 or 3 open
- Valve 4 closed
- Valves 5 and 6 open
- Valve 7 open
- Valves 8 and 9 closed
- Valves 10, 11, and 12 closed



COG Operating LLC
Site Security Plans Located At:
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

Ledger for Site Diagram

Produced Fluid:	_____
Produced Oil:	_____
Produced Gas:	_____
Produced Water:	_____
Future:	_____

Type of Lease: Fee Property Code: 39256 OGRID #: 229137	CONFIDENTIALITY NOTICE THIS DOCUMENT IS PROPERTY OF THE OPERATING LLC AND IS LOANED TO THE APPLICANT FOR THE PURPOSE OF THE LEASE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LOANED OR OTHERWISE DISPOSED OF WITHOUT THE WRITTEN CONSENT OF THE OPERATING LLC. ANY VIOLATION OF THIS NOTICE SHALL BE CAUSE FOR IMMEDIATE TERMINATION OF THE LEASE AND THE APPLICANT SHALL BE RESPONSIBLE FOR ALL COSTS OF REPRODUCTION AND LITIGATION.	REFERENCE GRABBERS		REVISIONS						ENGINEERING RECORD		 NEW MEXICO SHELF ASSET PRODUCTION FACILITIES SITE FACILITY DIAGRAM PAN HEAD FEZ 4H BATTERY	LEA COUNTRY NEW MEXICO	TOWN/STATE MESA, NM	DWS NO. 0-1700-81-005	TRW B	
		NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE						
					A	06/04/13	ISSUE FOR SITE POSITIONING	CHS			DWS	CHS	06/04/13				
					B	5/26/15	UPDATED FOR PAX HEAD FEZ 4H BYT	CHS			CHS						
											APP.						
											APP. NO.						
											PAUL BISH	G. BLONKIN					
											OPER. SIGN.	VALUES					
											SCALE	HONE					

DISTRICT I
1635 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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

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MAY 12 2014

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number: 30-025-40888	Pool Code: 44500	Pool Name: Maljamar; Yeso, West
Property Code: 39256	Property Name: PAN HEAD FEE	Well Number: 4H
OGRID No. 229137	Operator Name: COG OPERATING, LLC	Elevation: 4163

Surface Location

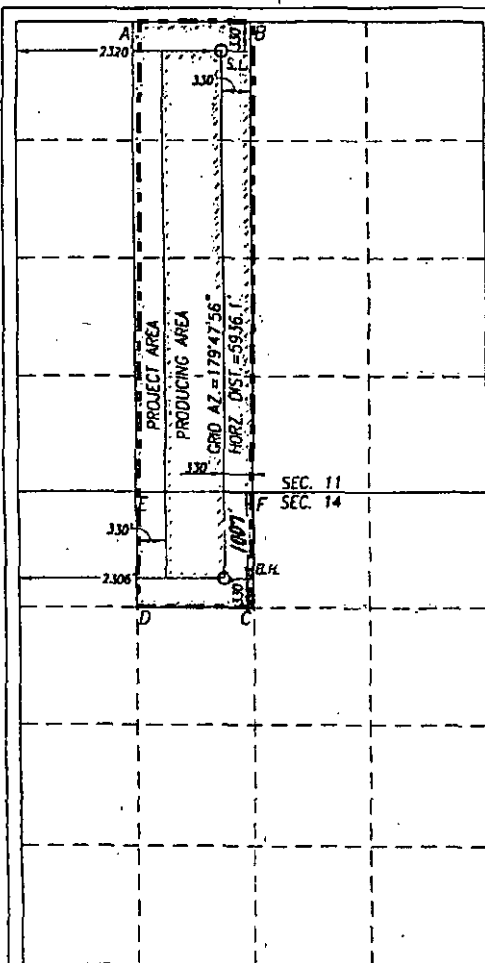
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	17-S	32-E		330	NORTH	2320	WEST	LEA

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
C	14	17-S	32-E		1007	NORTH	2306	WEST	LEA

Dedicated Acres 200	Joint or Infill	Consolidation Code	Order No.
------------------------	-----------------	--------------------	-----------

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



GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=675386.6 N
X=682929.8 E

LAT.=32.855303° N
LONG.=103.737636° W

BOTTOM HOLE LOCATION
Y=669452.1 N
X=682950.5 E

CORNER COORDINATES TABLE

A - Y=675712.2 N, X=681927.0 E
B - Y=675717.9 N, X=683245.7 E
C - Y=669123.4 N, X=683282.9 E
D - Y=669118.6 N, X=681964.8 E
E - Y=670432.4 N, X=681956.0 E
F - Y=670431.5 N, X=683273.3 E

OPERATOR CERTIFICATION

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 unless 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Chasity Jackson 4/30/14
Signature Date

Chasity Jackson
Printed Name
cjackson@concho.com
E-mail Address

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.

OCTOBER 11, 2012

Date of Survey
Signature & Seal of Professional Surveyor:

RONALD J. EIDSON
NEW MEXICO
3239
REGIS
Gary G. Eidson 12641
Ronald J. Eidson 3239
BKL REL W.O. 13.13.0519

JUN 9 2014

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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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
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District Office

OCT 01 2015

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025- 42817		2 Pool Code 44500		3 Pool Name Maljamar; Yeso West					
4 Property Code 39256		5 Property Name PAN HEAD FEE						6 Well Number 11H	
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC						9 Elevation 4174'	
10 Surface Location									
UL or lot no. D	Section 11	Township 17S	Range 32E	Lot Idn	Feet from the 195	North/South line NORTH	Feet from the 500	East/West line WEST	County LEA
11 Bottom Hole Location If Different From Surface									
UL or lot no. D	Section 14	Township 17S	Range 32E	Lot Idn	Feet from the 989	North/South line NORTH	Feet from the 330	East/West line WEST	County LEA
12 Dedicated Acres 200		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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.

Estimated Completed Interval: 330 FNL 496 FWL 6072.19' (HORIZ.) Producing Area Project Area S 01°16'17" E (GRID) 500' 330' 989' 330' 330' 14	16 GEODETIC DATA NAD 27 GRID - NM EAST 1: CALCULATED POINT N 669116.0 - E 661964.8 2: CALCULATED POINT N 670432.5 - E 661955.9 3: CALCULATED POINT N 669114.1 - E 680646.9 4: CALCULATED POINT N 675712.0 - E 681927.0 SURFACE LOCATION N 675513.7 - E 681109.4 LAT: 32.8558082° N LONG: 103.74356099° W BOTTOM HOLE N 669444.5 - E 680974.7 CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1913" N 665155.6 - E 680671.4 B: FOUND BRASS CAP "1913" N 667794.8 - E 680655.1 C: FOUND BRASS CAP "1913" N 670433.3 - E 680638.7 D: FOUND BRASS CAP "1913" N 673071.1 - E 680625.4 E: FOUND BRASS CAP "1913" N 675706.5 - E 680608.1 F: FOUND BRASS CAP "1913" N 675717.6 - E 683245.8 G: FOUND BRASS CAP "1913" N 675728.9 - E 685884.7 H: FOUND BRASS CAP "1913" N 673091.0 - E 685901.5 I: FOUND BRASS CAP "1913" N 670452.7 - E 685918.1 J: FOUND BRASS CAP "1913" N 667813.8 - E 685935.1 K: FOUND BRASS CAP "1913" N 665174.0 - E 685951.4 L: FOUND BRASS CAP "1913" N 665164.7 - E 683311.6 M: FOUND BRASS CAP "1913" N 670431.7 - E 683273.2	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore approved by the division. Signature: Date: 9-29-15 Printed Name: Kelly J. Holly E-mail Address: kholly@concho.com
	18 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. Date of Survey: 8-4-2015 Signature and Seal of Professional Surveyor: 19680 Certificate Number	

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1508432

OCT 07 2015

HOBBS OCD

JUN 01 2015

Form C-102

Revised August 1, 2011

Submit one copy to appropriate District Office

DISTRICT I
1633 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
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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, New Mexico 87505

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DAMENED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40899	Pool Code 44500	Pool Name Maljamar; Yeso, West
Property Code 39256	Property Name PAN HEAD FEE	Well Number 12H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4163

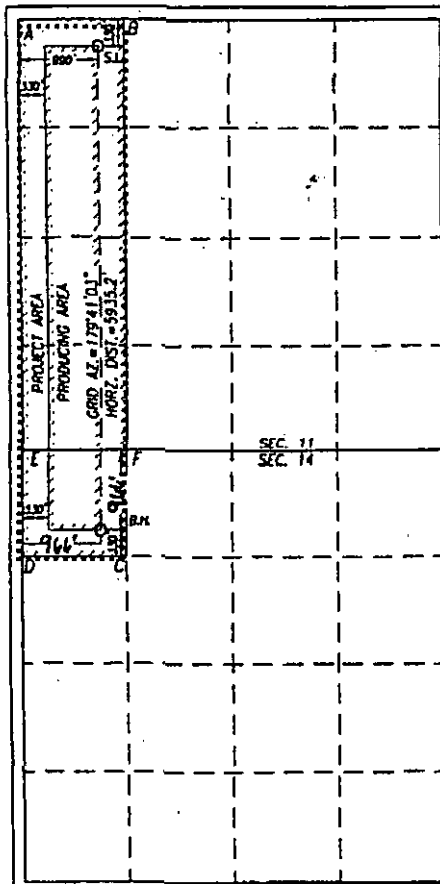
Surface Location

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	17-S	32-E		330	NORTH	990	WEST	LEA

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
D	14	17-S	32-E		966	NORTH	966	WEST	LEA
Dedicated Acres 200	Joint or Infill	Consolidation Code	Order No.						

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

GEODEIC COORDINATES
NAD 27 NME

SURFACE LOCATION

Y=675380.8 N
X=681600.1 E

LAT.=32.855308° N
LONG.=103.741966° W

BOTTOM HOLE LOCATION

Y=669442.9 N
X=681634.5 E

CORNER COORDINATES TABLE

A - Y=675706.5 N, X=680608.2 E
B - Y=675712.2 N, X=681927.0 E
C - Y=669118.6 N, X=681964.8 E
D - Y=669113.8 N, X=680645.8 E
E - Y=670433.3 N, X=680638.6 E
F - Y=670432.4 N, X=681956.0 E

OPERATOR CERTIFICATION

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 unleased 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Chasity Jackson 5/27/15
Signature Date
Chasity Jackson
Printed Name
cjackson@concho.com
E-mail Address

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.

OCTOBER 11, 2012

Date of Survey
Signature & Seal of Professional Surveyor:

Ronald E. Eidson
RONALD E. EIDSON
NEW MEXICO
3239
10/11/2012
Certified by: *Ronald E. Eidson* 12641
Professional Seal of Ronald E. Eidson, 3239
LSL REL W.O. 1514000 JWSC W.O. 14131133

JUN 08 2015

District I
1625 N. French Dr., Hobbs, NM 88240
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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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OCT 01 2015

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-42818		2 Pool Code 44500		3 Pool Name Maljamar; Yeso West	
4 Property Code 39256		5 Property Name PAN HEAD FEE			6 Well Number 13H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 4157'

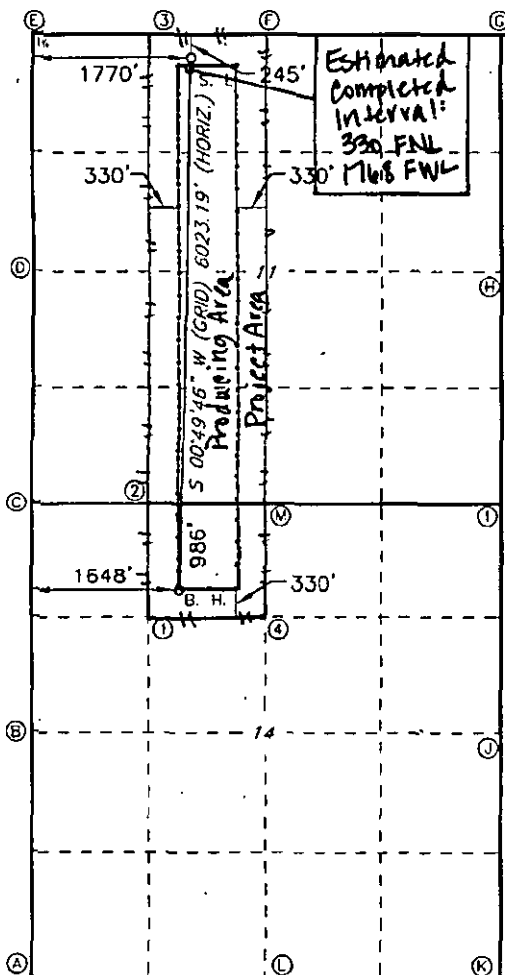
10 Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	17S	32E		245	NORTH	1770	WEST	LEA

11 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
C	14	17S	32E		986	NORTH	1648	WEST	LEA

12 Dedicated Acres 200	13 Joint or Infill	14 Consolidation Code	15 Order No.
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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.



GEODETIC DATA
NAD 27 GRID - NM EAST
SURFACE LOCATION
N 875469.0 - E 682379.7
LAT: 32.85553845° N
LONG: 103.73942539° W
BOTTOM HOLE
N 669446.4 - E 682292.5
CORNER DATA
NAD 27 GRID - NM EAST
A: FOUND BRASS CAP "1913"
N 665155.6 - E 680671.4
B: FOUND BRASS CAP "1913"
N 667794.8 - E 680655.1
C: FOUND BRASS CAP "1913"
N 670433.3 - E 680638.7
D: FOUND BRASS CAP "1913"
N 673071.1 - E 680625.4
E: FOUND BRASS CAP "1913"
N 675706.5 - E 680608.1
F: FOUND BRASS CAP "1913"
N 675717.6 - E 683245.8
G: FOUND BRASS CAP "1913"
N 675728.9 - E 685884.7
H: FOUND BRASS CAP "1913"
N 673091.0 - E 685901.5
I: FOUND BRASS CAP "1913"
N 670452.7 - E 685918.1
J: FOUND BRASS CAP "1913"
N 667813.8 - E 685935.1
K: FOUND BRASS CAP "1913"
N 665174.0 - E 685931.4
L: FOUND BRASS CAP "1913"
N 665164.7 - E 683311.6
M: FOUND BRASS CAP "1913"
N 670431.7 - E 683273.2

12 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereafter entered by the division.

Signature: *Kelly J. Holly* Date: 9-29-15
Printed Name: Kelly J. Holly
E-mail Address: kholly@concho.com

13 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.

6-16-2015
Date of Survey
Signature and Seal of Professional Surveyor: *Robert M. Howett*
19680
Certificate Number

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1505218

OCT 07 2015

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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, New Mexico 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40886	Pool Code 44500	Pool Name Maljamar; Yeso, West
Property Code 39256	Property Name PAN HEAD FEE	Well Number 21H
GRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4182

Surface Location

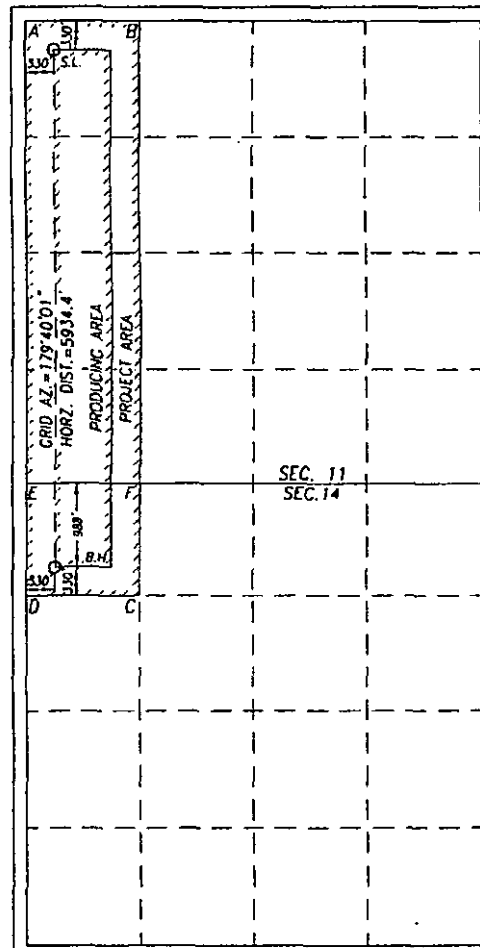
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	11	17-S	32-E		330	NORTH	330	WEST	LEA

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
D	14	17-S	32-E		988	NORTH	330	WEST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
200			

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



GEODETIC COORDINATES NAD 27 NME

SURFACE LOCATION
Y=675378.0 N
X=680940.3 E

LAT.=32.855311° N
LONG.=103.744114° W

BOTTOM HOLE LOCATION
Y=669445.3 N
X=680974.7 E

LAT.=32.838998° N
LONG.=103.744110° W

CORNER COORDINATES TABLE NAD 27 NMW

A - Y=675706.5 N, X=680608.2 E
B - Y=675712.2 N, X=681927.0 E
C - Y=669118.6 N, X=681964.8 E
D - Y=669113.8 N, X=680646.8 E
E - Y=670433.3 N, X=680638.6 E
F - Y=670432.4 N, X=681956.0 E

CORNER COORDINATES TABLE NAD 83 NME

A - Y=675771.1 N, X=721786.4 E
B - Y=675776.8 N, X=723105.1 E
C - Y=669183.1 N, X=723143.1 E
D - Y=669178.3 N, X=721825.0 E
E - Y=670497.8 N, X=721816.9 E
F - Y=670496.9 N, X=723134.2 E

OPERATOR CERTIFICATION

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 unless 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: [Signature] Date: 3-10-15

Printed Name: Kelly J. Holly

E-mail Address: kholly@concho.com

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was placed 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.

OCTOBER 11, 2012

Date of Survey: 10/11/2012

Signature: [Signature] Seal of Professional Surveyor:

NEW MEXICO
3238
Certificate Number: 3238
Surveyor: Ronald J. Eidson
REL W.O.: 13.13.0516 JWSC W.O.: 14.13.1154

MAR 31 2015

District I
1623 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
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District IV
1270 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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025- 42819		2 Pool Code 44500		3 Pool Name Maljamar; Yeso West	
4 Property Code 39256		5 Property Name PAN HEAD FEE			6 Well Number 22H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 4172'
10 Surface Location					
UL or lot no. D	Section 11	Township 17S	Range 32E	Lot Idn. 200	Feet from the North/South line NORTH 780
			Feet from the East/West line WEST LEA		
11 Bottom Hole Location If Different From Surface					
UL or lot no. D	Section 14	Township 17S	Range 32E	Lot Idn. 988	Feet from the North/South line NORTH 988
			Feet from the East/West line WEST LEA		
12 Dedicated Acres 200		13 Joint or Infill		14 Consolidation Code	
15 Order No.					

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.

	GEOGETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 675509.8 - E 681389.4 LAT: 32.85585581° N LONG: 103.74264930° W BOTTOM HOLE N 669445.4 - E 681632.7	1: CALCULATED POINT N 669116.0 - E 681964.8 2: CALCULATED POINT N 670432.5 - E 681955.9 3: CALCULATED POINT N 669114.1 - E 680646.9 4: CALCULATED POINT N 675712.0 - E 681927.0	"OPERATOR CERTIFICATION" I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Kelly J. Holly</i> Printed Name: Kelly J. Holly E-mail Address: kholly@concho.com
	CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1913" N 665155.6 - E 680671.4 B: FOUND BRASS CAP "1913" N 667794.8 - E 680633.1 C: FOUND BRASS CAP "1913" N 670433.3 - E 680638.7 D: FOUND BRASS CAP "1913" N 673071.1 - E 680625.4 E: FOUND BRASS CAP "1913" N 675706.5 - E 680608.1 F: FOUND BRASS CAP "1913" N 675717.6 - E 683245.8 G: FOUND BRASS CAP "1913" N 675728.9 - E 685884.7 H: FOUND BRASS CAP "1913" N 673091.0 - E 685901.3 I: FOUND BRASS CAP "1913" N 670452.7 - E 685918.1 J: FOUND BRASS CAP "1913" N 667813.8 - E 685935.1 K: FOUND BRASS CAP "1913" N 665174.0 - E 685931.4 L: FOUND BRASS CAP "1913" N 665164.7 - E 683311.6 M: FOUND BRASS CAP "1913" N 670431.7 - E 683273.2	"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. Date of Survey: 6-15-2015 Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> Certificate Number: 19680	

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1505217

OCT 07 2015

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-42756		2 Pool Code 44500		3 Pool Name Maljamar, Yeso West	
4 Property Code 39256		5 Property Name PAN HEAD FEE			6 Well Number 23H
7 OGRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 4159'

10 Surface Location

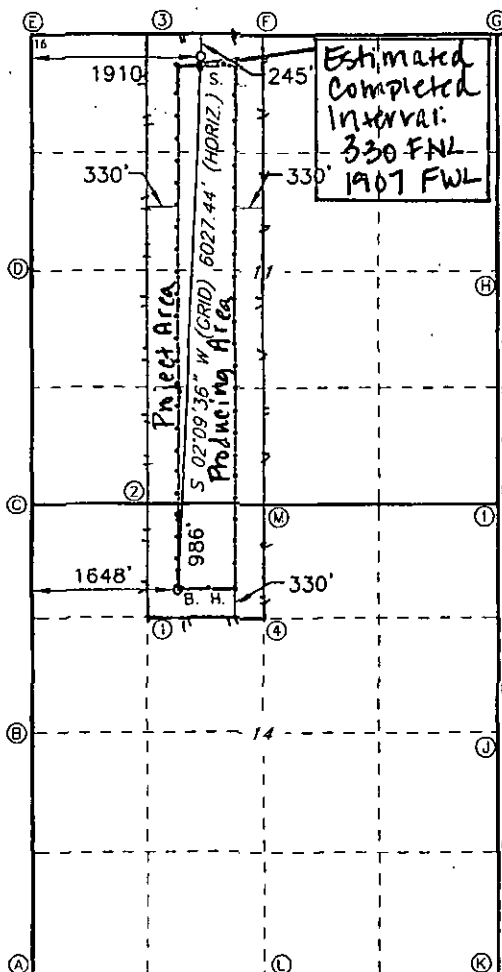
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	11	17S	32E		245	NORTH	1910	WEST	LEA

11 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
C	14	17S	32E		986	NORTH	1648	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
200			

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.



GEODETIC DATA
NAD 27 GRID - NM EAST
SURFACE LOCATION
N 675469.5 - E 682519.7
LAT: 32.85553793° N
LONG: 103.73896957° W
BOTTOM HOLE
N 669446.4 - E 682292.5
CORNER DATA
NAD 27 GRID - NM EAST
A: FOUND BRASS CAP "1913"
N 665155.6 - E 680671.4
B: FOUND BRASS CAP "1913"
N 667794.8 - E 680655.1
C: FOUND BRASS CAP "1913"
N 670433.3 - E 680638.7
D: FOUND BRASS CAP "1913"
N 673071.1 - E 680625.4
E: FOUND BRASS CAP "1913"
N 675706.5 - E 680608.1
F: FOUND BRASS CAP "1913"
N 675717.6 - E 683245.8
G: FOUND BRASS CAP "1913"
N 675728.9 - E 685884.7
H: FOUND BRASS CAP "1913"
N 673091.0 - E 685901.5
I: FOUND BRASS CAP "1913"
N 670452.7 - E 685918.1
J: FOUND BRASS CAP "1913"
N 667813.8 - E 685935.1
K: FOUND BRASS CAP "1913"
N 665174.0 - E 685951.4
L: FOUND BRASS CAP "1913"
N 665164.7 - E 683311.6
M: FOUND BRASS CAP "1913"
N 670431.7 - E 683273.2

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereby entered by the division.

Signature: *[Signature]* Date: **7-23-15**
Printed Name: **Kelly J. Holly**
E-mail Address: **kholly@concho.com**

18 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.

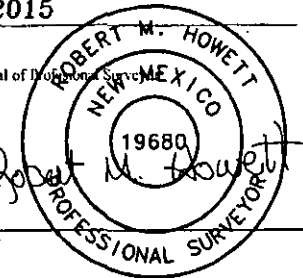
6-16-2015

Date of Survey

Signature and Seal of Professional Surveyor

19680

Certificate Number



RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1505219

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-42820		2 Point Code 44500		3 Pool Name Maljamar; Yeso West	
4 Property Code 39256		5 Property Name PAN HEAD FEE			
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			
9 Well Number 24H					
10 Elevation 4173'					
11 Surface Location					
UL or lot no. N	Section 2	Township 17S	Range 32E	Lot Idn	Feet from the 85
				North/South line SOUTH	Feet From the 2180
				East/West line WEST	County LEA
12 Bottom Hole Location If Different From Surface					
UL or lot no. C	Section 14	Township 17S	Range 32E	Lot Idn	Feet from the 985
				North/South line NORTH	Feet From the 2306
				East/West line WEST	County LEA
13 Dedicated Acres 200		14 Joint or Infill		15 Consolidation Code	
				16 Order No.	

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.

		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling under heretofore approved by the division. Signature: <u>Kelly J. Holly</u> Date: <u>9-29-15</u> Printed Name: <u>Kelly J. Holly</u> E-mail Address: <u>kholly@concho.com</u>
18 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. Date of Survey: <u>7-6-2015</u> Signature and Seal of Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number		19 GEODETIC DATA NAD 27 GRID - NM EAST 20 SURFACE LOCATION N 675800.7 - E 682787.7 LAT: 32.85844373° N LONG: 103.73809095° W 21 BOTTOM HOLE N 669447.4 - E 682950.5 22 CORNER DATA NAD 27 GRID - NM EAST 23 FOUND BRASS CAP "1913" N 665155.6 - E 680671.4 24 FOUND BRASS CAP "1913" N 667794.8 - E 680655.1 25 FOUND BRASS CAP "1913" N 670433.3 - E 680638.7 26 FOUND BRASS CAP "1913" N 673071.1 - E 680625.4 27 FOUND BRASS CAP "1913" N 675708.5 - E 680608.1 28 FOUND BRASS CAP "1913" N 678344.7 - E 680593.0 29 FOUND BRASS CAP "1913" N 680994.0 - E 680579.2 30 FOUND BRASS CAP "1913" N 681003.4 - E 683219.1 31 FOUND BRASS CAP "1913" N 681013.0 - E 685858.2 32 FOUND BRASS CAP "1913" N 678368.0 - E 685871.0 33 FOUND BRASS CAP "1913" N 675728.9 - E 685884.7 34 FOUND BRASS CAP "1913" N 673091.0 - E 685801.5 35 FOUND BRASS CAP "1913" N 670452.7 - E 685918.1 36 FOUND BRASS CAP "1913" N 667813.8 - E 685935.1 37 FOUND BRASS CAP "1913" N 665174.0 - E 685951.4 38 FOUND BRASS CAP "1913" N 665184.7 - E 683311.6 39 FOUND BRASS CAP "1913" N 670431.7 - E 683273.2 40 FOUND BRASS CAP "1913" N 675717.6 - E 683245.8 41 CALCULATED CORNER N 675712.0 - E 681927.0 42 CALCULATED CORNER N 670432.5 - E 681955.9 43 CALCULATED CORNER N 669116.0 - E 681964.8 44 CALCULATED CORNER N 669118.0 - E 683282.8

RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS1505220

OCT 07 2015

Pan Head Fee 4H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
PAN HEAD FEE #4H	07/31/2015	85.9400	103.0000	251.0000
PAN HEAD FEE #4H	07/30/2015	79.8800	100.0000	242.0000
PAN HEAD FEE #4H	07/29/2015	78.9900	98.0000	219.0000
PAN HEAD FEE #4H	07/28/2015	53.3200	39.5900	122.4400
PAN HEAD FEE #4H	07/27/2015	85.4700	99.2900	253.4000
PAN HEAD FEE #4H	07/26/2015	84.9600	99.0000	260.0000
PAN HEAD FEE #4H	07/25/2015	87.8200	101.0000	268.0000
PAN HEAD FEE #4H	07/24/2015	84.8200	103.0000	213.0000
PAN HEAD FEE #4H	07/23/2015	42.6000	53.3400	108.3500
PAN HEAD FEE #4H	07/22/2015	65.6800	87.0000	200.0000
PAN HEAD FEE #4H	07/21/2015	53.6800	62.0000	161.0000
PAN HEAD FEE #4H	07/20/2015	40.9000	52.0000	100.0000
PAN HEAD FEE #4H	07/19/2015	37.5900	51.0000	86.0000
PAN HEAD FEE #4H	07/18/2015	41.1800	55.6800	111.5200
PAN HEAD FEE #4H	07/17/2015	42.3400	56.0000	112.0000
PAN HEAD FEE #4H	07/16/2015	44.0900	56.0000	109.0000
PAN HEAD FEE #4H	07/15/2015	42.6600	57.0000	113.0000
PAN HEAD FEE #4H	07/14/2015	44.7400	57.0000	108.0000
PAN HEAD FEE #4H	07/13/2015	42.8700	55.0000	109.0000
PAN HEAD FEE #4H	07/12/2015	43.4700	58.0000	112.0000
PAN HEAD FEE #4H	07/11/2015	42.5100	59.0000	110.0000
PAN HEAD FEE #4H	07/10/2015	42.4900	55.0000	111.0000
PAN HEAD FEE #4H	07/09/2015	44.9000	57.0000	114.0000
PAN HEAD FEE #4H	07/08/2015	45.2300	57.0000	118.0000
PAN HEAD FEE #4H	07/07/2015	41.8000	54.0000	109.0000
PAN HEAD FEE #4H	07/06/2015	44.9000	57.0000	114.0000
PAN HEAD FEE #4H	07/05/2015	43.0500	56.0000	115.0000
PAN HEAD FEE #4H	07/04/2015	45.2000	54.0000	114.0000
PAN HEAD FEE #4H	07/03/2015	43.8500	59.0000	110.0000
PAN HEAD FEE #4H	07/02/2015	45.7200	604.0000	112.0000
PAN HEAD FEE #4H	07/01/2015	43.6000	57.0000	115.0000
Monthly Average:		53.7500	84.2548	145.1842
PAN HEAD FEE #4H	06/30/2015	44.4400	56.0000	109.0000
PAN HEAD FEE #4H	06/29/2015	41.4800	58.0000	111.0000
PAN HEAD FEE #4H	06/28/2015	40.9500	59.0000	108.0000
PAN HEAD FEE #4H	06/27/2015	41.6000	57.0000	106.0000
PAN HEAD FEE #4H	06/26/2015	40.6600	58.0000	110.0000
PAN HEAD FEE #4H	06/25/2015	42.7600	59.0000	109.0000
PAN HEAD FEE #4H	06/24/2015	38.6000	58.0000	112.0000
PAN HEAD FEE #4H	06/23/2015	40.4900	59.0000	110.0000
PAN HEAD FEE #4H	06/22/2015	34.5700	50.0000	95.0000
PAN HEAD FEE #4H	06/21/2015	32.6300	52.0000	100.0000
PAN HEAD FEE #4H	06/20/2015	35.6400	59.0000	109.0000
PAN HEAD FEE #4H	06/19/2015	25.7600	27.6100	55.9700
PAN HEAD FEE #4H	06/18/2015	33.5000	50.0000	101.0000
PAN HEAD FEE #4H	06/17/2015	32.6500	54.0000	105.0000
PAN HEAD FEE #4H	06/16/2015	33.2600	51.0000	104.0000
PAN HEAD FEE #4H	06/15/2015	32.7100	53.0000	102.0000
PAN HEAD FEE #4H	06/14/2015	33.4100	51.0000	100.0000
PAN HEAD FEE #4H	06/13/2015	32.3200	55.0000	103.0000
PAN HEAD FEE #4H	06/12/2015	35.5800	53.9100	102.7200
PAN HEAD FEE #4H	06/11/2015	42.6900	58.0000	85.0000
PAN HEAD FEE #4H	06/10/2015	33.8200	57.0000	94.0000
PAN HEAD FEE #4H	06/09/2015	29.3500	53.0000	85.0000
PAN HEAD FEE #4H	06/08/2015	35.4400	55.0000	88.0000
PAN HEAD FEE #4H	06/07/2015	34.5400	62.0000	120.0000
PAN HEAD FEE #4H	06/06/2015	31.4000	61.0000	128.0000
PAN HEAD FEE #4H	06/05/2015	28.7300	58.0000	132.0000
PAN HEAD FEE #4H	06/04/2015	38.5900	63.0000	100.0000

Pan Head Fee 4H
Production Data

PAN HEAD FEE #4H	06/03/2015	36.2200	59.0000	98.0000
PAN HEAD FEE #4H	06/02/2015	21.6900	63.0000	100.0000
PAN HEAD FEE #4H	06/01/2015	37.9700	63.0000	98.0000
Monthly Average:		35.4483	55.7507	102.6897
PAN HEAD FEE #4H	05/31/2015	39.3100	64.0000	96.0000
PAN HEAD FEE #4H	05/30/2015	39.2100	60.0000	88.0000
PAN HEAD FEE #4H	05/29/2015	39.6300	64.0000	120.0000
PAN HEAD FEE #4H	05/28/2015	44.8800	65.0000	111.0000
PAN HEAD FEE #4H	05/27/2015	42.4000	61.0000	88.0000
PAN HEAD FEE #4H	05/26/2015	47.3300	67.2400	127.5100
PAN HEAD FEE #4H	05/25/2015	47.0800	69.0000	130.0000
PAN HEAD FEE #4H	05/24/2015	47.0100	73.0000	131.0000
PAN HEAD FEE #4H	05/23/2015	53.3700	65.0000	133.0000
PAN HEAD FEE #4H	05/22/2015	51.3400	71.0000	135.0000
PAN HEAD FEE #4H	05/21/2015	48.9600	70.0000	135.0000
PAN HEAD FEE #4H	05/20/2015	50.9700	70.0000	134.0000
PAN HEAD FEE #4H	05/19/2015	48.4400	68.0000	133.0000
PAN HEAD FEE #4H	05/18/2015	47.7500	69.2000	134.4100
PAN HEAD FEE #4H	05/17/2015	48.0900	69.0000	134.0000
PAN HEAD FEE #4H	05/16/2015	48.0100	64.0000	139.0000
PAN HEAD FEE #4H	05/15/2015	48.4700	74.1500	126.6700
PAN HEAD FEE #4H	05/14/2015	46.9500	75.0000	126.0000
PAN HEAD FEE #4H	05/13/2015	41.4300	69.0000	46.0000
PAN HEAD FEE #4H	05/12/2015	44.2100	65.0000	0.0000
PAN HEAD FEE #4H	05/11/2015	46.9800	63.0000	11.0000
PAN HEAD FEE #4H	05/10/2015	44.2200	56.0000	36.0000
PAN HEAD FEE #4H	05/09/2015	33.9100	89.0000	227.0000
PAN HEAD FEE #4H	05/08/2015	75.5700	191.0000	231.0000
PAN HEAD FEE #4H	05/07/2015	33.2700	0.0000	53.0000
PAN HEAD FEE #4H	05/06/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	05/05/2015	33.2500	0.0000	14.0000
PAN HEAD FEE #4H	05/04/2015	36.0200	54.0000	19.0000
PAN HEAD FEE #4H	05/03/2015	49.8400	69.0000	29.0000
PAN HEAD FEE #4H	05/02/2015	47.0700	54.0000	8.0000
PAN HEAD FEE #4H	05/01/2015	47.0700	79.0000	17.0000
Monthly Average:		44.2594	64.7610	93.9545
PAN HEAD FEE #4H	04/30/2015	47.0900	69.0000	125.0000
PAN HEAD FEE #4H	04/29/2015	47.1400	72.0000	139.0000
PAN HEAD FEE #4H	04/28/2015	47.1500	71.0000	38.0000
PAN HEAD FEE #4H	04/27/2015	45.0700	73.0000	32.0000
PAN HEAD FEE #4H	04/26/2015	47.1300	80.0000	24.0000
PAN HEAD FEE #4H	04/25/2015	47.1300	84.0000	22.0000
PAN HEAD FEE #4H	04/24/2015	49.2200	88.0000	32.0000
PAN HEAD FEE #4H	04/23/2015	24.9500	93.0000	28.0000
PAN HEAD FEE #4H	04/22/2015	38.8200	64.0000	17.0000
PAN HEAD FEE #4H	04/21/2015	36.0400	82.0000	15.0000
PAN HEAD FEE #4H	04/20/2015	36.0500	86.0000	12.0000
PAN HEAD FEE #4H	04/19/2015	33.2500	88.0000	11.0000
PAN HEAD FEE #4H	04/18/2015	36.0200	100.0000	12.0000
PAN HEAD FEE #4H	04/17/2015	60.9200	76.0000	20.0000
PAN HEAD FEE #4H	04/16/2015	2.7700	18.0000	0.0000
PAN HEAD FEE #4H	04/15/2015	30.4500	34.0000	0.0000
PAN HEAD FEE #4H	04/14/2015	30.4600	44.0000	0.0000
PAN HEAD FEE #4H	04/13/2015	0.0000	18.0000	0.0000
PAN HEAD FEE #4H	04/12/2015	8.3000	29.0000	0.0000
PAN HEAD FEE #4H	04/11/2015	37.3000	56.0000	14.0000
PAN HEAD FEE #4H	04/10/2015	41.4200	75.0000	8.0000
PAN HEAD FEE #4H	04/09/2015	69.0500	97.0000	0.0000
PAN HEAD FEE #4H	04/08/2015	33.1400	70.0000	0.0000
PAN HEAD FEE #4H	04/07/2015	2.7600	38.0000	0.0000
PAN HEAD FEE #4H	04/06/2015	11.0500	17.0000	0.0000

Pan Head Fee 4H
Production Data

PAN HEAD FEE #4H	04/05/2015	0.0000	49.0000	0.0000
PAN HEAD FEE #4H	04/04/2015	1.3800	60.0000	0.0000
PAN HEAD FEE #4H	04/03/2015	39.4000	80.0000	58.0000
PAN HEAD FEE #4H	04/02/2015	91.2600	187.0000	354.0000
PAN HEAD FEE #4H	04/01/2015	91.1400	167.0000	171.0000
Monthly Average:		36.1953	72.1667	37.7333
PAN HEAD FEE #4H	03/31/2015	91.3600	162.0000	190.0000
PAN HEAD FEE #4H	03/30/2015	91.4700	158.0000	319.0000
PAN HEAD FEE #4H	03/29/2015	91.3800	158.0000	344.0000
PAN HEAD FEE #4H	03/28/2015	88.6000	156.0000	207.0000
PAN HEAD FEE #4H	03/27/2015	88.7400	149.0000	89.0000
PAN HEAD FEE #4H	03/26/2015	88.7500	136.0000	284.0000
PAN HEAD FEE #4H	03/25/2015	85.9500	152.0000	470.0000
PAN HEAD FEE #4H	03/24/2015	85.9400	138.0000	51.0000
PAN HEAD FEE #4H	03/23/2015	52.6700	122.0000	78.0000
PAN HEAD FEE #4H	03/22/2015	144.7000	149.0000	38.0000
PAN HEAD FEE #4H	03/21/2015	153.3200	202.0000	479.0000
PAN HEAD FEE #4H	03/20/2015	44.9100	163.0000	257.0000
PAN HEAD FEE #4H	03/19/2015	8.2900	23.0000	0.0000
PAN HEAD FEE #4H	03/18/2015	11.0500	30.0000	8.0000
PAN HEAD FEE #4H	03/17/2015	69.2400	157.0000	313.0000
PAN HEAD FEE #4H	03/16/2015	121.3300	151.0000	322.0000
PAN HEAD FEE #4H	03/15/2015	142.1200	182.0000	576.0000
PAN HEAD FEE #4H	03/14/2015	145.0200	177.0000	365.0000
PAN HEAD FEE #4H	03/13/2015	143.6600	199.0000	612.0000
PAN HEAD FEE #4H	03/12/2015	146.7500	145.0000	481.0000
PAN HEAD FEE #4H	03/11/2015	149.6400	175.0000	588.0000
PAN HEAD FEE #4H	03/10/2015	149.5200	200.0000	444.0000
PAN HEAD FEE #4H	03/09/2015	140.7400	245.0000	596.0000
PAN HEAD FEE #4H	03/08/2015	158.0400	239.0000	553.0000
PAN HEAD FEE #4H	03/07/2015	104.6600	224.0000	321.0000
PAN HEAD FEE #4H	03/06/2015	38.8200	94.0000	121.0000
PAN HEAD FEE #4H	03/05/2015	36.0300	16.0000	108.0000
PAN HEAD FEE #4H	03/04/2015	11.0800	3.0000	0.0000
PAN HEAD FEE #4H	03/03/2015	27.7100	0.0000	0.0000
PAN HEAD FEE #4H	03/02/2015	33.2300	43.0000	0.0000
PAN HEAD FEE #4H	03/01/2015	11.0800	57.0000	0.0000
Monthly Average:		88.8968	135.6452	264.9677
PAN HEAD FEE #4H	02/28/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	02/27/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	02/26/2015	22.1500	79.0000	43.0000
PAN HEAD FEE #4H	02/25/2015	11.0700	20.0000	19.0000
PAN HEAD FEE #4H	02/24/2015	27.6900	51.0000	16.0000
PAN HEAD FEE #4H	02/23/2015	61.7100	0.0000	0.0000
PAN HEAD FEE #4H	02/22/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	02/21/2015	108.1000	159.0000	367.0000
PAN HEAD FEE #4H	02/20/2015	142.1100	186.0000	466.0000
PAN HEAD FEE #4H	02/19/2015	146.9300	178.0000	483.0000
PAN HEAD FEE #4H	02/18/2015	143.8600	190.0000	460.0000
PAN HEAD FEE #4H	02/17/2015	132.5700	181.0000	515.0000
PAN HEAD FEE #4H	02/16/2015	154.7700	179.0000	420.0000
PAN HEAD FEE #4H	02/15/2015	155.3000	178.0000	595.0000
PAN HEAD FEE #4H	02/14/2015	155.2400	169.0000	558.0000
PAN HEAD FEE #4H	02/13/2015	144.3000	248.0000	561.0000
PAN HEAD FEE #4H	02/12/2015	133.0200	262.0000	432.0000
PAN HEAD FEE #4H	02/11/2015	44.3000	68.0000	0.0000
PAN HEAD FEE #4H	02/10/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	02/09/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #4H	02/08/2015	87.1300	0.0000	0.0000
PAN HEAD FEE #4H	02/07/2015	99.7700	144.0000	326.0000
PAN HEAD FEE #4H	02/06/2015	135.3300	263.0000	442.0000

Pan Head Fee 4H
Production Data

PAN HEAD FEE #4H	02/05/2015	134.7400	282.0000	627.0000
PAN HEAD FEE #4H	02/04/2015	133.1000	307.0000	641.0000
PAN HEAD FEE #4H	02/03/2015	132.9000	252.0000	643.0000
PAN HEAD FEE #4H	02/02/2015	123.9200	219.0000	557.0000
PAN HEAD FEE #4H	02/01/2015	127.5700	203.0000	444.0000
Monthly Average:		91.3421	136.3571	307.6786

Pan Head Fee 12H
Production Data

Daily Prod Entity		Oil Volume	Gas Volume	Water Volume
Name	Prod Date			
PAN HEAD FEE #12H	08/31/2015	408.9000	597.0000	758.0000
PAN HEAD FEE #12H	08/30/2015	419.5800	618.0000	832.0000
PAN HEAD FEE #12H	08/29/2015	410.3600	628.0000	854.0000
PAN HEAD FEE #12H	08/28/2015	405.8100	609.0000	879.0000
PAN HEAD FEE #12H	08/27/2015	380.0700	624.0000	879.0000
PAN HEAD FEE #12H	08/26/2015	407.2700	564.0000	804.0000
PAN HEAD FEE #12H	08/25/2015	338.0000	360.9400	718.0000
PAN HEAD FEE #12H	08/24/2015	364.1600	367.0000	762.0000
PAN HEAD FEE #12H	08/23/2015	386.4400	385.0000	798.0000
PAN HEAD FEE #12H	08/22/2015	356.9300	332.0000	756.0000
PAN HEAD FEE #12H	08/21/2015	329.3900	339.0000	784.0000
PAN HEAD FEE #12H	08/20/2015	392.4200	301.1600	815.0100
PAN HEAD FEE #12H	08/19/2015	399.5900	350.0000	859.0700
PAN HEAD FEE #12H	08/18/2015	371.5400	326.4000	776.0000
PAN HEAD FEE #12H	08/17/2015	366.8800	296.7500	619.7900
PAN HEAD FEE #12H	08/16/2015	112.3600	83.5500	209.5700
PAN HEAD FEE #12H	08/15/2015	148.4600	44.0700	179.9000
PAN HEAD FEE #12H	08/14/2015	107.1300	49.5800	395.2100
PAN HEAD FEE #12H	08/13/2015	429.3400	157.0000	822.0000
PAN HEAD FEE #12H	08/12/2015	475.1200	545.0000	1,032.0000
PAN HEAD FEE #12H	08/11/2015	889.9000	297.0000	864.0000
PAN HEAD FEE #12H	08/10/2015	349.2600	516.0000	788.0000
PAN HEAD FEE #12H	08/09/2015	353.2600	499.0000	828.0000
PAN HEAD FEE #12H	08/08/2015	381.5700	554.0000	920.0000
PAN HEAD FEE #12H	08/07/2015	390.9100	544.0000	888.0000
PAN HEAD FEE #12H	08/06/2015	391.0800	598.0000	984.0000
PAN HEAD FEE #12H	08/05/2015	381.3700	500.0000	816.0000
PAN HEAD FEE #12H	08/04/2015	356.9500	495.0000	819.0000
PAN HEAD FEE #12H	08/03/2015	373.7900	529.5400	836.0000
PAN HEAD FEE #12H	08/02/2015	349.6600	505.0000	826.0000
PAN HEAD FEE #12H	08/01/2015	378.3700	570.0000	929.0000
Monthly Average:		374.3829	425.3223	775.1790
PAN HEAD FEE #12H	07/31/2015	420.4800	551.0000	939.0000
PAN HEAD FEE #12H	07/30/2015	402.4100	529.0000	884.0000
PAN HEAD FEE #12H	07/29/2015	390.8700	571.0000	981.0000
PAN HEAD FEE #12H	07/28/2015	345.3800	458.4100	805.5600
PAN HEAD FEE #12H	07/27/2015	428.3900	580.7100	974.6000
PAN HEAD FEE #12H	07/26/2015	481.4600	593.0000	1,037.0000
PAN HEAD FEE #12H	07/25/2015	445.2500	607.0000	1,142.0000
PAN HEAD FEE #12H	07/24/2015	447.3400	573.0000	866.0000
PAN HEAD FEE #12H	07/23/2015	293.6400	366.6600	624.6500
PAN HEAD FEE #12H	07/22/2015	452.6800	598.0000	1,153.0000
PAN HEAD FEE #12H	07/21/2015	492.2500	611.0000	1,201.0000
PAN HEAD FEE #12H	07/20/2015	481.5700	620.0000	1,193.0000
PAN HEAD FEE #12H	07/19/2015	502.8800	643.0000	1,145.0000
PAN HEAD FEE #12H	07/18/2015	489.1700	632.3200	1,293.4800
PAN HEAD FEE #12H	07/17/2015	505.9900	677.0000	1,311.0000
PAN HEAD FEE #12H	07/16/2015	515.7400	614.0000	1,286.0000
PAN HEAD FEE #12H	07/15/2015	546.5000	678.0000	1,292.0000
PAN HEAD FEE #12H	07/14/2015	516.4900	658.0000	1,327.0000
PAN HEAD FEE #12H	07/13/2015	497.0700	629.0000	1,316.0000
PAN HEAD FEE #12H	07/12/2015	549.0000	640.0000	1,382.0000
PAN HEAD FEE #12H	07/11/2015	516.1800	637.0000	1,347.0000
PAN HEAD FEE #12H	07/10/2015	478.5100	544.0000	1,316.0000
PAN HEAD FEE #12H	07/09/2015	484.7700	577.0000	1,496.0000
PAN HEAD FEE #12H	07/08/2015	550.8100	519.0000	1,214.0000
PAN HEAD FEE #12H	07/07/2015	156.9900	84.0000	535.0000
PAN HEAD FEE #12H	07/06/2015	518.3600	525.0000	1,399.0000
PAN HEAD FEE #12H	07/05/2015	449.9300	505.0000	1,351.0000

Pan Head Fee 12H
Production Data

PAN HEAD FEE #12H	07/04/2015	504.4500	526.0000	1,345.0000
PAN HEAD FEE #12H	07/03/2015	500.7100	524.0000	1,267.0000
PAN HEAD FEE #12H	07/02/2015	534.4500	0.0000	1,499.0000
PAN HEAD FEE #12H	07/01/2015	550.1700	556.0000	1,548.0000
Monthly Average:		466.1255	542.8097	1,176.4610
PAN HEAD FEE #12H	06/30/2015	527.2800	556.0000	1,501.0000
PAN HEAD FEE #12H	06/29/2015	505.8200	519.0000	1,486.0000
PAN HEAD FEE #12H	06/28/2015	573.2400	550.0000	1,564.0000
PAN HEAD FEE #12H	06/27/2015	573.2300	539.0000	1,562.0000
PAN HEAD FEE #12H	06/26/2015	570.3100	551.0000	1,596.0000
PAN HEAD FEE #12H	06/25/2015	534.4400	554.0000	1,691.0000
PAN HEAD FEE #12H	06/24/2015	524.0800	549.0000	1,965.0000
PAN HEAD FEE #12H	06/23/2015	535.4700	546.0000	1,353.0000
PAN HEAD FEE #12H	06/22/2015	494.2000	483.0000	1,528.0000
PAN HEAD FEE #12H	06/21/2015	482.2700	529.0000	1,480.0000
PAN HEAD FEE #12H	06/20/2015	507.1000	519.0000	1,554.0000
PAN HEAD FEE #12H	06/19/2015	373.9800	289.3900	886.0300
PAN HEAD FEE #12H	06/18/2015	486.3300	524.0000	1,599.0000
PAN HEAD FEE #12H	06/17/2015	547.9700	472.0000	1,565.0000
PAN HEAD FEE #12H	06/16/2015	480.6900	459.0000	1,482.0000
PAN HEAD FEE #12H	06/15/2015	497.8100	439.0000	1,479.0000
PAN HEAD FEE #12H	06/14/2015	471.8600	473.0000	1,500.0000
PAN HEAD FEE #12H	06/13/2015	545.4800	474.0000	1,523.0000
PAN HEAD FEE #12H	06/12/2015	551.9700	517.0900	1,688.2800
PAN HEAD FEE #12H	06/11/2015	512.3200	462.0000	1,618.0000
PAN HEAD FEE #12H	06/10/2015	490.9000	428.0000	1,509.0000
PAN HEAD FEE #12H	06/09/2015	480.7100	413.0000	1,468.0000
PAN HEAD FEE #12H	06/08/2015	456.6300	421.0000	1,597.0000
PAN HEAD FEE #12H	06/07/2015	462.2900	402.0000	1,611.0000
PAN HEAD FEE #12H	06/06/2015	461.8700	406.0000	1,627.0000
PAN HEAD FEE #12H	06/05/2015	465.9100	376.0000	1,505.0000
PAN HEAD FEE #12H	06/04/2015	460.0200	383.0000	1,751.0000
PAN HEAD FEE #12H	06/03/2015	423.2600	360.0000	1,580.0000
PAN HEAD FEE #12H	06/02/2015	470.0000	370.0000	1,674.0000
PAN HEAD FEE #12H	06/01/2015	451.6800	390.0000	1,700.0000
Monthly Average:		497.3040	465.1160	1,554.7437
PAN HEAD FEE #12H	05/31/2015	443.4600	350.0000	1,401.0000
PAN HEAD FEE #12H	05/30/2015	331.8000	250.0000	457.0000
PAN HEAD FEE #12H	05/29/2015	324.1700	320.0000	1,482.0000
PAN HEAD FEE #12H	05/28/2015	460.0500	370.0000	1,736.0000
PAN HEAD FEE #12H	05/27/2015	381.5900	310.0000	1,482.0000
PAN HEAD FEE #12H	05/26/2015	392.0300	352.7600	1,664.4900
PAN HEAD FEE #12H	05/25/2015	378.7200	354.0000	1,756.0000
PAN HEAD FEE #12H	05/24/2015	393.1100	350.0000	1,822.0000
PAN HEAD FEE #12H	05/23/2015	382.6500	340.0000	1,872.0000
PAN HEAD FEE #12H	05/22/2015	382.5000	340.0000	2,002.0000
PAN HEAD FEE #12H	05/21/2015	335.7500	321.0000	2,017.0000
PAN HEAD FEE #12H	05/20/2015	308.8300	293.0000	1,888.0000
PAN HEAD FEE #12H	05/19/2015	315.8700	283.0000	1,842.0000
PAN HEAD FEE #12H	05/18/2015	276.3400	279.8000	2,146.5900
PAN HEAD FEE #12H	05/17/2015	227.1700	220.0000	1,982.0000
PAN HEAD FEE #12H	05/16/2015	135.0100	126.0000	1,769.0000
PAN HEAD FEE #12H	05/15/2015	96.9400	99.8500	2,340.3300
PAN HEAD FEE #12H	05/14/2015	0.0000	0.0000	2,103.0000
PAN HEAD FEE #12H	05/13/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/12/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/11/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/10/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/09/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/08/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/07/2015	0.0000	0.0000	0.0000

Pan Head Fee 12H
Production Data

PAN HEAD FEE #12H	05/06/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/05/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/04/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/03/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/02/2015	0.0000	0.0000	0.0000
PAN HEAD FEE #12H	05/01/2015	0.0000	0.0000	0.0000
Monthly Average:		179.5481	159.9810	1,024.5939
Hung on: 5/13/15				
1st Prod: 5/15/15				

10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to BAISH LTD C/O CHRISTIAN MARTIN MASTERS 3020 FISHING CREEK VALLEY RD. HARRISBURG, PA 17112 GC: 91 7199 9991 7035 3277 9290
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to BRAILLE INSTITUTE OF AMERICA, INC. C/O BANK OF AMERICA - OIL & GAS DIVISION, AGENT PO BOX 830308 DALLAS, TX 75283-0308 GC: 91 7199 9991 7035 3277 9283
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to CECILIA AYMOND 9644 ARBORHILL DRIVE DALLAS, TX 75243 GC: 91 7199 9991 7035 3277 9276
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to CHEVRON U.S.A., INC. ATTN: KRISTEN HUNTER, NOJV LAND PO BOX 2100 HOUSTON, TX 77252 GC: 91 7199 9991 7035 3277 9271
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to DEVON ENERGY PRODUCTION COMPANY, LP 333 W. SHERIDAN AVE. OKLAHOMA CITY, OK 73102 ATTN: MEG MUHLINGHAUSE GC: 91 7199 9991 7035 3277 9269
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to DRUELLA WILBANKS P.O. BOX 84 MALAMAR, NM 88264 GC: 91 7199 9991 7035 3277 9252
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to ENERGYQUEST II, LLC ATTN: LAND DEPARTMENT 4526 RESEARCH FOREST DR., SUITE 200 THE WOODLANDS, TX 77381 GC: 91 7199 9991 7035 3277 9245
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to JOHN A. "CAPTAIN" RANKIN 302 APPLE CREEK DR., #305 GEORGETOWN, TX 78626 GC: 91 7199 9991 7035 3277 9231
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to JOHN A. MONCRIEF 309 WEST 7TH ST., STE. 500 FORT WORTH, TX 76102 GC: 91 7199 9991 7035 3277 9222
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to KAMIMAC, LLC 309 WEST 7TH STREET, SUITE 500 FORT WORTH, TX 76102 ATTN: RYAN HAGGERTY GC: 91 7199 9991 7035 3277 9214
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to LAZY S MINERALS LLC PO BOX 100493 FT. WORTH, TX 76185 GC: 91 7199 9991 7035 3277 9202
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to LEGACY ROYALTY LLC, AS SUCC TO THE EST. OF LILLIE MAE YATES PO BOX 1091 ARTESIA, NM 88211-1091 GC: 91 7199 9991 7035 3277 9191
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MARY ANN BERLINER FOUNDATION C/O FIRST NAT. BANK OF ARTESIA, TRUSTEE PO BOX AA ARTESIA, NM 88211-7526 GC: 91 7199 9991 7035 3277 9184
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MARY PICKETT YOUNG 10501 OAK VIEW DRIVE AUSTIN, TX 78759-1507 GC: 91 7199 9991 7035 3277 9172
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to PENDRAGON OIL, LLC & TRINITY LAND & MINERALS, LP 309 WEST 7TH STREET, SUITE 500 FORT WORTH, TX 76102 ATTN: JOSEPH P. DEWOODY GC: 91 7199 9991 7035 3277 9160
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to RANGE OPERATING NEW MEXICO 100 THROCKMORTON ST., STE. 1200 FORT WORTH, TX 76102-2842 GC: 91 7199 9991 7035 3277 9152
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to VANGUARD NATURAL RESOURCES, LLC 5847 SAN FELIPE ST., STE. #3000 HOUSTON, TX 77057 GC: 91 7199 9991 7035 3277 9131
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MR. ROBERT RANKIN 2701 EDWARD RD. TAYLORS, SC 29687 GC: 91 7199 9991 7035 3277 9146
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to SHARBRO HOLDINGS LLC, AS SUCC IN INTEREST TO THE ESTATE OF LILLIE MAE YATES, DEC'D ATTN: MR. SCOTT YATES 423 W. MAIN STREET ARTESIA, NM 8210 GC: 91 7199 9991 7035 3277 9122
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to ALICE R CROUCH PO BOX 2614 TAOS NM 87571 GC: 91 7199 9991 7035 3277 9111
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to CALVIN O. CURINGTON III 6765 NW CR 0030 CORSICANA TX 75110 GC: 91 7199 9991 7035 3277 9031
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to CHARLES R QUALIA P O BOX 10181 MIDLAND TX 79702 GC: 91 7199 9991 7035 3277 9092
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to FRANCES OLINGER 3923 CRESTPARK DRIVE FARMERS BRANCH TX 75244 GC: 91 7199 9991 7035 3277 9085
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to KYLA THOMPSON 1122 GREEN VALLEY RD NW LOS RANCHOS NM 87107 GC: 91 7199 9991 7035 3277 9071
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MARATHON OIL COMPANY ATTN: IV LAND DEPARTMENT - NEW MEXICO PO BOX 3487 HOUSTON TX 77253-3487 GC: 91 7199 9991 7035 3277 9062
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MARK T HAWKINS PO BOX 3192 MIDLAND TX 79702 GC: 91 7199 9991 7035 3277 9054
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to MARTHA HENDRICKS FERCHILL 1408 WASHINGTON TERRACE FT WORTH TX 76107 GC: 91 7199 9991 7036 3277 9047
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to Mr. Milton L. Fuller 7682 Maple Road Baldwinville, NY 13027 GC: 91 7199 9991 7035 3277 9031
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to ROBERT D. HOGG 3608 MCFARLIN BLVD DALLAS TX 75205 GC: 91 7199 9991 7035 3277 9016
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to RAY DEVOE TAYLOR PO BOX 8189 ROSWELL NM 88202 GC: 91 7199 9991 7035 3277 9021
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to RUTH TAYLOR WRIGHT PO BOX 3259 WICKENBURG AZ 85358 GC: 91 7199 9991 7033 2264 6627
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to SELMA E ANDREWS TRUST FBO PEGGY BARRETT & SELMA E. ANDREWS PERPETUAL CHARITABLE TRUST BANK OF AMERICA, N.A., TRUSTEE PO BOX 840738 DALLAS TX 75284-0738 GC: 91 7199 9991 7033 2264 6658
10/29/2015	TC	Notice and Request for Surface Commingle, C107-B, Tank Bty Diagram	Pan Head Fee 4H CTB	Sent Certified Mail to TRIAD ENERGY CORPORATION 1616 VOSS ROAD STE 650 HOUSTON TX 77057 GC: 91 7199 9991 7033 2264 6641
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to BAISH LTD C/O CHRISTIAN MARTIN MASTERS 3020 FISHING CREEK VALLEY RD. HARRISBURG, PA 17112 GC: 91 7199 9991 7036 0800 2178
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to BRAILLE INSTITUTE OF AMERICA, INC. C/O BANK OF AMERICA - OIL & GAS DIVISION, AGENT PO BOX 830308 DALLAS, TX 75283-0308 GC: 91 7199 9991 9036 0800 2338
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to CECILIA AYMOND 9644 ARBORHILL DRIVE DALLAS, TX 75243 GC: 91 7199 9991 9036 0800 2321
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to CHEVRON U.S.A., INC. ATTN: KRISTEN HUNTER, NOJV LAND PO BOX 2100 HOUSTON, TX 77252 GC: 91 7199 9991 9036 0800 2331
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to DEVON ENERGY PRODUCTION COMPANY, LP 333 W. SHERIDAN AVE. OKLAHOMA CITY, OK 73102 ATTN: MEG MUHLINGHAUSE GC: 91 7199 9991 9036 0800 2475
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to DRUELLA WILBANKS P.O. BOX 84 MALAMAR, NM 88264 GC: 91 7199 9991 9036 0800 2307
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to ENERGYQUEST II, LLC ATTN: LAND DEPARTMENT 4526 RESEARCH FOREST DR., SUITE 200 THE WOODLANDS, TX 77381 GC: 91 7199 9991 9036 0800 2468
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to JOHN A. "CAPTAIN" RANKIN 302 APPLE CREEK DR., #305 GEORGETOWN, TX 78626 GC: 91 7199 9991 9036 0800 2451
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to JOHN A. MONCRIEF 309 WEST 7TH ST., STE. 500 FORT WORTH, TX 76102 GC: 91 7199 9991 9036 0800 2229
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to KAMIMAC, LLC 309 WEST 7TH STREET, SUITE 500 FORT WORTH, TX 76102 ATTN: RYAN HAGGERTY GC: 91 7199 9991 9036 0800 2444
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to LAZY S MINERALS LLC PO BOX 100493 FT. WORTH, TX 76185 GC: 91 7199 9991 9036 0800 2432
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to LEGACY ROYALTY LLC, AS SUCC TO THE EST. OF LILLIE MAE YATES PO BOX 1091 ARTESIA, NM 88211-1091 GC: 91 7199 9991 9036 0800 2218

11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MARY ANN BERLINER FOUNDATION C/O FIRST NAT. BANK OF ARTESIA, TRUSTEE PO BOX AA ARTESIA, NM 88211-7526 GC: 91 7199 9991 9036 0800 2277
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MARY PICKETT YOUNG 10501 OAK VIEW DRIVE AUSTIN, TX 78759-1507 GC: 91 7199 9991 9036 0800 2406
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to PENDRAGON OIL, LLC & TRINITY LAND & MINERALS, LP 309 WEST 7TH STREET, SUITE 500 FORT WORTH, TX 76102 ATTN: JOSEPH P. DEWOODY GC: 91 7199 9991 9036 0800 2390
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to RANGE OPERATING NEW MEXICO 100 THROCKMORTON ST., STE. 1200 FORT WORTH, TX 76102-2842 GC: 91 7199 9991 9036 0800 2261
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to VANGUARD NATURAL RESOURCES, LLC 5847 SAN FELIPE ST., STE. #3000 HOUSTON, TX 77057 GC: 91 7199 9991 9036 0800 2345
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MR. ROBERT RANKIN 2701 EDWARD RD. TAYLORS, SC 29687 GC: 91 7199 9991 9036 0800 2376
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to SHARBRO HOLDINGS LLC, AS SUCC IN INTEREST TO THE ESTATE OF LILLIE MAE YATES, DEC'D ATTN: MR. SCOTT YATES 423 W. MAIN STREET ARTESIA, NM 8210 GC: 91 7199 9991 9036 0800 2253
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to ALICE R CROUCH PO BOX 2614 TAOS NM 87571 GC: 91 7199 9991 9036 0800 2505
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to CALVIN D. CURINGTON III 6765 NW CR 0030 CORSICANA TX 75110 GC: 91 7199 9991 9036 0800 2495
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to CHARLES R QUALIA P O BOX 10181 MIDLAND TX 79702 GC: 91 7199 9991 9036 0800 2482
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to FRANCES OLINGER 3923 CRESTPARK DRIVE FARMERS BRANCH TX 75244 GC: 91 7199 9991 9036 0800 2246
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to KYLA THOMPSON 1122 GREEN VALLEY RD NW LOS RANCHOS NM 87107 GC: 91 7199 9991 9036 0800 2231
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MARATHON OIL COMPANY ATTN: JV LAND DEPARTMENT - NEW MEXICO PO BOX 3487 HOUSTON TX 77253-3487 GC: 91 7199 9991 9036 0800 2420
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MARK T HAWKINS PO BOX 3192 MIDLAND TX 79702 GC: 91 7199 9991 9036 0800 2222
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to MARTHA HENDRICKS FERCHILL 1408 WASHINGTON TERRACE FT WORTH TX 76107 GC: 91 7199 9991 9036 0800 2413
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to Mr. Milton L. Fuller 7682 Maple Road Baldwinville, NY 13027 GC: 91 7199 9991 9036 0800 2211
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to ROBERT D. HOGG 3608 MCFARLIN BLVD DALLAS TX 75205 GC: 91 7199 9991 9036 0800 2201
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to RUTH TAYLOR WRIGHT PO BOX 3259 WICKENBURG AZ 85358 GC: 91 7199 9991 9036 0800 2197
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to SELMA E ANDREWS TRUST FBO PEGGY BARRETT & SELMA E. ANDREWS PERPETUAL CHARITABLE TRUST BANK OF AMERICA, N.A., TRUSTEE PO BOX 840738 DALLAS TX 75284-0738 GC: 91 7199 9991 9036 0800 2369
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to TRIAD ENERGY CORPORATION 1616 VOSS ROAD STE 650 HOUSTON TX 77057 GC: 91 7199 9991 9036 0800 2181
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to RAY DEVOE TAYLOR PO BOX 8189 ROSWELL NM 88202 GC: 91 7199 9991 9036 0800 2383
11/4/2015	TC	Correction of Surface Commingle - Added PH #24H well to list	Pan Head Fee 4H CTB	Sent Certified Mail to THE DOROTHY DELL GRAEBER TRUST C/O THE LEAVENWORTH NAT. BANK, TRUSTEE PO BOX 350 LEAVENWORTH KS 66048 GC: 91 7199 9991 9036 0800 2352

LEGAL NOTICE
November 4, 2015

COG Operating, LLC is applying to surface commingle eight oil wells to a central tank battery in Lea County, New Mexico. The central tank battery is located at the Pan Head Fee #4H well. The eight wells, details, and locations are the following:

Pan Head Fee #4H, located in the northwest quarter of section 11, T17S, R32E, Unit C, 330'FNL & 2320'FWL.

Pan Head Fee #11H, located in the northwest quarter of section 11, T17S, R32E, Unit D, 195'FNL & 500'FWL.

Pan Head Fee #12H, located in the northwest quarter of section 11, T17S, R32E, Unit D, 330'FNL & 990'FWL.

Pan Head Fee #13H, located in the northwest quarter of section 11, T17S, R32E, Unit C, 245'FNL & 1770'FWL.

Pan Head Fee #21H, located in the northwest quarter of section 11, T17S, R32E, Unit D, 330'FNL & 330'FWL.

Pan Head Fee #22H, located in the northwest quarter of section 11, T17S, R32E, Unit D, 200'FNL & 780'FWL.

Pan Head Fee #23H, located in the northwest quarter of section 11, T17S, R32E, Unit C, 245'FNL & 1910'FWL.

Pan Head Fee #24H, located in the southwest quarter of section 2, T17S, R32E, Unit N, 85'FSL & 2180'FWL.

Interested parties must file objections or requests for hearing with the New Mexico Oil Conservation Division, 1220 South Saint Francis Dr., Santa Fe, NM 87505 within 20 days. Additional information can be obtained by contacting Kanicia Castillo, COG Operating LLC, One Concho Center, 600 W Illinois Ave, Midland, TX 79701. Phone number is 432-685-4332.

#30454



November 5, 2015

Engineering and Geological Service Bureau
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 78505

Attn: Mr. Michael McMillan

RE: Surface Commingling – Pan Head Fee #4H CTB
Section 11, T17S, R32E
Lea County, New Mexico

Dear Mr. McMillan,

This letter is in reference to COG Operating LLC's surface commingle application for the subject tank battery.

The Pan Head Fee #11H (API: 30-025-42817), Pan Head Fee #12H (API: 30-025-40899), Pan Head Fee #21H (API: 30-025-40886) and Pan Head Fee #22H (API: 30-025-42819) all have common ownership.

The Pan Head Fee #4H (API: 30-025-40888), Pan Head Fee #24H (API: 30-025-42820), Pan Head Fee #13H (API: 30-025-42818) and Pan Head Fee #23H (API: 30-025-42756) all have common ownership however; they are diverse from the group of wells first listed above.

If you have any questions, please do not hesitate to contact the undersigned at 432-688-6601.

Sincerely,

COG OPERATING LLC

A handwritten signature in cursive script that reads "Joseph Scott".

Joseph Scott, RPL
Landman