

DATE IN 12/24/2015	SUSPENSE	ENGINEER MAM	LOGGED IN 12/28/2015	TYPE E	APP NO. PMAM1536256962
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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] *673791*
 [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 *COG OPERATING, LLC 229137 POOL*
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR *MALJAMAM, YES! WEST 44500*
- [D] Other: Specify _____

- [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

12/18/15

Date

kcastillo@concho.com

e-mail Address

RECEIVED OGD

December 23, 2015

2015 DEC 28 P 2:25

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

Re: Request for Surface Commingle

Mr. McMillan,

COG Operating LLC respectfully requests approval to Surface Commingle our Flat Head Federal Com wells at our Flat Head Federal Com #6H battery.

Flat Head Federal Com 6H
Lea County, NM
API # 30-025-41759
Surface: 1115 FNL & 1650 FEL
Sec 14, T17S, R32E, Unit B

Flat Head Federal Com 8H
Lea County, NM
API # 30-025-42375
Surface: 1170 FNL & 330 FEL
Sec 14, T17S, R32E, Unit A

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance.

These wells have diverse ownership and will have their own separators. These wells will be producing from the Maljamar; Yeso, West 44500.

Commingling will not reduce the value of production.

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 attached 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: K C TITLE: Lead Regulatory Analyst DATE: 9/09/15
TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332
E-MAIL ADDRESS: kcastillo@concho.com

District I
1025 N French Dr., Hobbs, NM 88240
Phone (505) 793-6161 Fax (505) 793-0720
District II
811 S First St., Artesia, NM 88210
Phone (505) 748-1293 Fax (505) 748-9720
District III
1000 Ray Brazos Road, Aztec, NM 87410
Phone (505) 334-6172 Fax (505) 334-5170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-41759	² Pool Code 44500	³ Pool Name Maljamar; Yeso, West
⁴ Property Code 40481	⁵ Property Name FLAT HEAD FED. COM.	
⁶ OGRID No. 229137	⁷ Operator Name COG OPERATING, LLC	⁸ Well Number 6H
		⁹ Elevation 4092

" Surface Location

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	14	17-S	32-E		1115'	NORTH	1650'	EAST	LEA

" Bottom Hole Location If Different From Surface

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	11	17-S	32-E		371'	NORTH	1688'	EAST	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 interests have been consolidated or a non-standard unit has been approved by the division.

CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1913 N 665155.585 - E 680671.356 B: FND BRASS CAP 1913 N 667794.820 - E 680655.069 C: FND BRASS CAP 1913 N 670433.304 - E 680638.664 D: FND BRASS CAP 1913 N 673071.074 - E 680625.358 E: FND BRASS CAP 1913 N 675706.521 - E 680608.142 F: FND BRASS CAP 1913 N 675717.566 - E 683245.831 G: FND BRASS CAP 1913 N 675728.927 - E 685884.742 H: FND BRASS CAP 1913 N 673090.964 - E 685901.502 I: FND BRASS CAP 1913 N 670452.736 - E 685918.071 J: FND BRASS CAP 1913 N 667613.774 - E 685935.145 K: FND BRASS CAP 1913 N 665173.959 - E 685951.421 L: FND BRASS CAP 1913 N 665164.657 - E 683311.554 M: FND BRASS CAP 1913 BENT N 670431.693 - E 683273.227 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 669324.9 - E 684275.7 LAT: 32.838622° N LONG: 103.733365° W BOTTOM LOCATION N 675391.9 - E 684237.3		" OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that the organization either owns a working interest or interest in the land including the proposed bottom hole location or has a right to drill this well as the lessee in pursuance to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling unit hereafter entered by the division. <i>Chasity Jackson</i> 10/7/14 Signature Date Chasity Jackson Printed Name cjackson@concho.com Email 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. 5/14/13 Date of Survey Signature and Seal of Professional Surveyor: Certificate Number
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District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax (575) 393-0720

District II
8118 First St., Artesia, NM 88210
Phone (575) 748-1293 Fax (575) 718-9720

District III
1000 Rio Brazos Road, Aztec, NM 87413
Phone (505) 334-6178 Fax (505) 334-6170

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

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-42375		² Pool Code 44500	³ Pool Name Maljamar; Yeso, West
⁴ Property Code 40481	⁵ Property Name FLAT HEAD FED. COM.		⁶ Well Number BH
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 4107'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	17-S	32-E		1170'	NORTH	330'	EAST	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
A	11	17-S	32-E		369	NORTH	408	EAST	LEA

¹⁰ Dedicated Acres 200	¹¹ Joint or Intd	¹² Consolidation Code	¹³ Order No.
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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.

CORNER DATA NAD 27 GRID - NM EAST A: FND BRASS CAP 1913 N 665155.585 - E 680671.356 B: FND BRASS CAP 1913 N 667794.820 - E 680655.069 C: FND BRASS CAP 1913 N 670433.304 - E 680638.664 D: FND BRASS CAP 1913 N 673071.074 - E 680625.358 E: FND BRASS CAP 1913 N 675706.521 - E 680608.142 F: FND BRASS CAP 1913 N 675717.566 - E 683245.831 G: FND BRASS CAP 1913 N 675728.927 - E 685884.742 H: FND BRASS CAP 1913 N 673090.964 - E 685901.502 I: FND BRASS CAP 1913 N 670452.736 - E 685918.071 J: FND BRASS CAP 1913 N 667813.774 - E 685935.145 K: FND BRASS CAP 1913 N 665173.959 - E 685951.421 L: FND BRASS CAP 1913 N 665184.857 - E 683311.554 M: FND BRASS CAP 1913 BENT N 670431.693 - E 683273.227 GEOGETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 669280.4 E 685595.8 LAT: 32.838479° N LONG: 103.729068° W BOTTOM LOCATION N 675397.6 E 685557.0	Diagram showing a grid with sections 14 and 11. A well location is marked with a circle and 'S.L.' in section 11. Dimensions are given: 1170' from the north line, 330' from the east line, and 369' from the north line for the bottom hole location. A detail 'A' is shown with dimensions 4108.7, 600', 4113.6, 600', 4104.1, and 4098.4.	" 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 undivided 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. <i>Chasity Jackson</i> 3/30/15 Signature Date Chasity Jackson Printed Name ciackson@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. 5/20/13 Date of Survey <i>Robert M. Howett</i> Signature and Seal of Professional Surveyor ROBERT M. HOWETT NEW MEXICO 19680 PROFESSIONAL SURVEYOR Certificate Number
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FLAT HEAD FEDERAL COM 6H BATTERY
NWNE SECTION 14, T17S, R32E, UNIT 8
LEA COUNTY, NM

WELLS:

FLAT HEAD FEDERAL COM #006H: 30-025-41759 ✓
FLAT HEAD FEDERAL COM #008H: 30-025-42375 ✓
FLAT HEAD FEDERAL COM #015H: TBP
FLAT HEAD FEDERAL COM #017H: TBP

WELLS

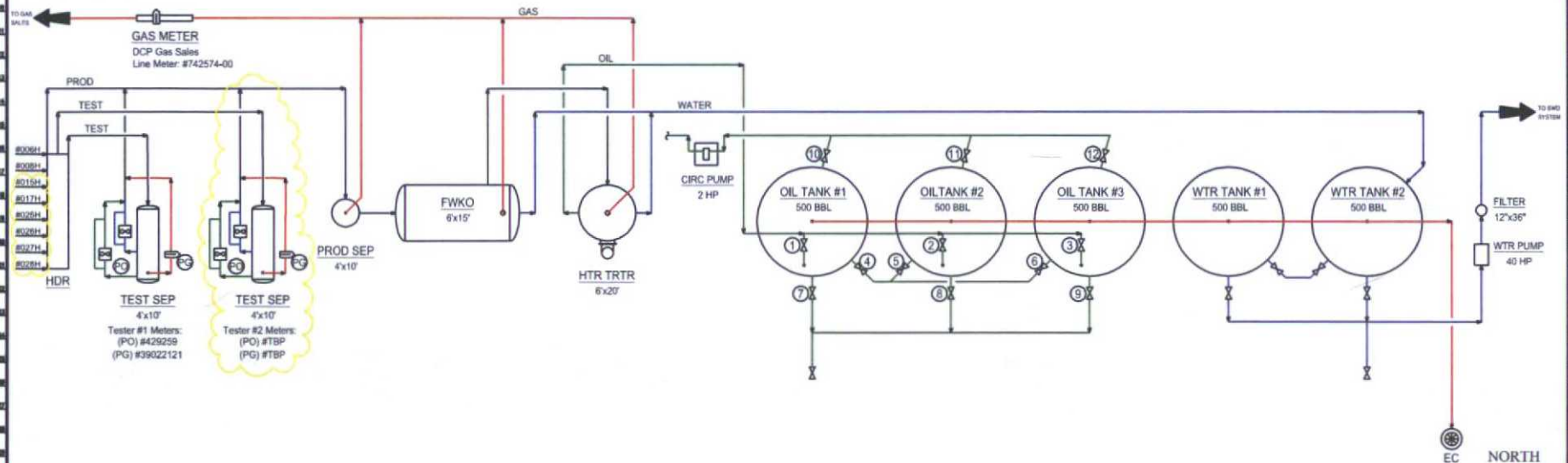
FLAT HEAD FEDERAL COM #025H: TBP
FLAT HEAD FEDERAL COM #026H: TBP
FLAT HEAD FEDERAL COM #027H: TBP
FLAT HEAD FEDERAL COM #028H: TBP

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: —

NOTES:		CONFIDENTIALITY NOTICE		REFERENCE DRAWINGS		REVISIONS		ENGINEERING RECORD	
Type of Lease: Federal Federal Lease #: NMLC 061842 Property Code: 40481 OGRID #: 229137		THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT SPECIFICALLY PROVIDED.		NO. TITLE		NO. DATE DESCRIPTION BY CHK. APP.		BY DATE	
				A 06/01/12 ISSUE FOR SITE FORTHING		CNS		CNS 06/01/12	
				B 8/28/15 UPDATED FOR FLAT HEAD FED 6H BTT		CNS		CNS 08/28/15	
				C					
		COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701						FILED BY: C. BLUDWINE	
								SCALE: NONE	
								THRESH/SCALE: MULTIPLE	
								OGR NO. D-1700-81-005	
								REV B	

CONCHO
NEW MEXICO SHELF ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
FLAT HEAD FEDERAL COM 6H BATTERY
LEA COUNTY, NEW MEXICO
OGR NO. D-1700-81-005
REV B

Flat Head Federal Com 6H Battery Map



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. FLAT HEAD FEDERAL COM 6H
2. Name of Operator COG OPERATING LLC Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		9. API Well No. 30-025-41759
3a. Address ONE CONCHO CENTER 600 W. ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	10. Field and Pool, or Exploratory MALJAMAR
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 14 T17S R32E Mer NMP 1115FNL 1650FEL		11. County or Parish, and State LEA COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Surface Commingling
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating LLC respectfully requests approval for surface commingle and off lease measurement and storage.

Flat Head Federal Com 6H
NMLC061842
CA NM135168
API 30-025-41759
Sec 14 17S 32E NWNE 1115FNL 1650FEL

Flat Head Federal Com 8H
NMLC061842
CA NM134918

14. I hereby certify that the foregoing is true and correct. Electronic Submission #327203 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs	
Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 12/23/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #327203 that would not fit on the form

32. Additional remarks, continued

API 30-025-42375

Sec 14 T17S R32E NENE 1170FNL 330FEL

Consolidating production to one battery will extend the economic life for these wells and lessen surface disturbance.

Commingling will not reduce value of production.

All interest owners have been notified.

All lease Royalty Rates are 12-1/2%.

Please see attachments.

APPLICATION FOR COMMINGLE AND OFF LEASE MEASUREMENT AT A COMMON CENTRAL TANK BATTERY

Central Tank Battery Proposal for the Flat Head Federal Com Wells:

COG Operating is requesting approval for the Central Tank Battery, Lease Commingle, Off Lease Measurement, Sales, & Storage for the following wells:

Federal Lease NMLC061842 (12.5%)

CA NMNM135168 (160 Acres of Fee Lands 40 acres of Federal lands)

Well Name	Location	API #	Pool 44500	Oil BOPD	Gravities	MCFPD	BTU
Flat Head Federal Com 6H	NENE Sec. 14-T17S-R32E-B	30-025-41759	Maljamar, Yeso, West	44	37.4	47	1332

CA NMNM134918 (160 Acres of Fee Lands 40 acres of Federal lands)

Flat Head Federal Com 8H	NENE Sec. 14-T17S-R32E-A	30-025-42375	Maljamar Yeso, West	62	37.6	69	1270
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Attached map displays the federal leases and well locations in Section 14, T17S-R32E and Section 11, T17S-R32E.

The BLM's interest in all two wells is the same. Waste is not induced and no correlative rights are impaired.

Oil & Gas metering:

The central tank battery is located on the pad for the Flat Head Federal Com #6H well located in NWNE, Sec. 14-T17S-R32E on federal lease NMLC 061842 in Lea County, New Mexico. Flowlines from producing wells terminate into the test/production header which serves as the inlet to the tank battery. From the header, one well can be put in test and the remaining well is produced into the 2-phase production separator.

The one 3-phase horizontal test separators and associated metering devices have been sized for the expected range of fluid rates from the production wells. The sizing and calibration of this equipment ensures accurate measurement of produced fluids from a well in test. Separate meters are used for measuring oil, water and gas. After fluids are separated, oil and water flow rates are measured using turbine meters (Tester #1: (PO) #429259) and the gas flow rate is measured using an orifice meter (Tester #1: (PG) #39022121). After measurement the fluids are recombined with the main production stream and routed to the 2-phase separator for processing.

Monthly gas and oil production will be allocated based on the percentage of each wells contribution as determined through well tests. This battery is able to handle a total of 8 horizontal wells. Each well will be tested at least once a month and the duration of each test will be a minimum of three days. Using the subtraction method for a two well facility, one well will be continuously metered through a test separator and one well will be produced into the 2-phase separator. A producing well that has different ownership than other wells at the battery will be continuously metered separately through a test separator prior to commingling production together into the 2-phase separator. Wells with common ownership will be produced into either the test separator or production separator. The production for the well not being metered will be determined by taking the total production from the battery and subtracting the metered volumes from the test separators. The oil test meters will be proven as per API, NMOCD, and BLM specifications, when installed, once per month for the first 3 months (to establish a consistent repeatability factor), and then quarterly thereafter. The factor obtained will be used to allocate the production volumes. The gas test meters will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Combined fluids from the production header and test separators will be routed to a 2-phase separator where gas and liquids are separated. Gas separated at this point is sent to the DCP Midstream CDP meter #742574-00 which is located in NWNE, Sec. 14-T17S-R32E. Liquids from this separator are routed to additional vessels for processing before being sent to the oil and water storage tanks. Any gas that flashes off during the additional processing stages is tied directly into the gas sales system upstream of the DCP Midstream CDP meter. This meter will be calibrated on a regular basis per API, NMOCD and BLM specifications.

The Flat Head Federal Com 6H battery will have three 500 BBL oil tanks that all wells will utilize. These oil tanks have a common delivery point on the northwest side of the location where oil is hauled via trucking by Holly Transportation. Oil sales volume is determined by gauging of sealed tanks before and after the truck is loaded in accordance with applicable API, NMOCD, and BLM specifications.

Water from all producing wells will be separated through the use of a FWKO and heater-treater prior to being routed to the two 500 BBL water tanks. Water will then be transferred out of the tanks and tied into a Company owned SWD system. Bulk water leaving the facility is measured using a turbine meter.

Flat Head Federal Com 6H production will flow into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

Flat Head Federal Com 8H production will flow into the test/production header and is routed through the process as described above. No other unique metering devices are included on this individual well.

The BLM and OCD will be notified of any future changes in the facilities.

Process and Flow Descriptions:

The flow of produced fluids is shown in detail on the enclosed facility diagram, along with a map which shows the lease boundaries, communization agreement boundaries, and location of wells, facility, and gas sales meter. The proposed commingling is appropriate based on the BLM's guidance in IM 2013-152. The proposed commingling will maximize the ultimate recovery of oil and/or gas from the federal leases and will reduce environmental impacts by minimizing surface disturbance, reduce the surface facility footprint and overall emissions. The proposed commingling is the most effective economical means of producing the reserves and will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

COG Operating, LLC understands the requested approval will not constitute the granting of any right-of-way or construction rights not granted by the lease instrument.

Working, royalty, and overriding interest owners have been notified of this proposal via certified mail (see attached).

Signed: 

Printed Name: Kanicia Castillo

Title: Lead Regulatory Analyst

Date: 12/22/2015

				Sent Certified Mail to Bank of Oklahoma, Attn: Mineral Management Division, ATTN: BELLA DANIEL TRUST; CHARLES TAUBMAN FAMILY LIMITED PARTNERSHIP LP NO. 1, LP; CHARLES TAUBMAN FAMILY LIMITED; PARTNERSHIP LP NO. 2, LP; DEMSON FAMILY PARTNERSHIP; HERMAN P & SOPHIA TAUBMAN FOUNDATION; L.N. TAUBMAN REVOCABLE TRUST; LAWRENCE NATHAN TAUBMAN, SSP; LOUIS TAUBMAN MARITAL DEDUCT. TRUST FBO LAWRENCE N TAUBMAN, DONALD LEVY TTE; LOUIS TAUBMAN MARITAL DEDUCT. TRUST FBO MAURINE TAUBMAN, DONALD LEVY TTE; LOUIS TAUBMAN SURVIVORS TRUST FBO MAURINE TAUBMAN, DONALD LEVY TTE; MAURINE TAUBMAN TRUST DTD 12-4-86 BANK OF OK & MAURINE TAUBMAN, CO-TTEES; MAURINE TAUBMAN, SSP; MILTON TAUBMAN 1969 TR IN ADMIN. DECLARATION OF TRUST INDENTURE UNDER DATE OF 11/12/69; RICHARD J TAUBMAN DESCENDANTS TRUST; RICHARD J TAUBMAN TRUST DTD 8/24/1990; ROBERT M TAUBMAN FAMILY PARTNERSHIP; ROMY TAUBMAN SEPARATE PROPERTY TRUST AND TAUBMAN MINERALS PARTNERSHIP GC: 91 7199 9991 7035 3203 2005
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to ALEXIS R. LAMPHERE 8134 DANCING AVE LAS VEGAS NV 89131 GC: 91 7199 9991 7035 3203 199
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to BILLY E. TRIMBLE PO BOX 1125 FERNLEY NV 89408 GC: 91 7199 9991 7035 3203 198
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to CHARLES A. TRIMBLE 24305 TAREE DR. NORTHEAST KINGSTON WA 98346 GC: 91 7199 9991 7035 3203 197
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to CHARLES R QUALIA P O BOX 10181 MIDLAND TX 79702 GC: 91 7199 9991 7035 3203 196
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to DALE R. TRIMBLE 12729 N 86TH LN PEORIA AZ 85381 GC: 91 7199 9991 7035 3203 195
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to Devon Energy Production Company, L.P. Contact: Mag Muhlinghouse 333 W. Sheridan Ave. Oklahoma City, OK 73102 GC: 91 7199 9991 7035 3203 1947
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to GERALDINE E. HULING PO BOX 555 BUSHLAND TX 79012 GC: 91 7199 9991 7035 3203 193
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to GOLDEN TRIANGLE ROYALTY & OIL INC PO BOX 4133 ROSWELL, NM 88202 GC: 91 7199 9991 7035 3203 192
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to JOHN WILLIAM TRIMBLE PO BOX 234 ELKO NV 89803 GC: 91 7199 9991 7035 3203 191
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to MARATHON OIL COMPANY P.O. BOX 3487 HOUSTON, TX 77253-3487 GC: 91 7199 9991 7035 3203 190
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to MARK T HAWKINS PO BOX 3192 MIDLAND TX 79702 GC: 91 7199 9991 7035 3203 189
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to MARSHALL & WINSTON, INC P.O. BOX 50880 MIDLAND TX 79710-0880 GC: 91 7199 9991 7035 3203 188
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to OFFICE OF NATURAL RESOURCES REVENUE ATTN: ROYALTY MANAGEMENT PROGRAM P.O. BOX 25627 DENVER CO 80225-0627 GC: 91 7199 9991 7035 3203 1879
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to VICTORIA E. RAEHAL 1329 11TH STREET GREELEY CO 80631 GC: 91 7199 9991 7035 3203 186
11/12/2015	TC	Commingle Notice w/ C107B	Flat Head Fed Com 6H CTB	Sent Certified Mail to WINSTON PARTNERS LTD C/O MERISTEM, ATTN LYNN KARLS 601 CARLSON PKWY, STE 800 MINNETONKA, MN 55305 GC: 91 7199 9991 7035 3203 1855

LEGAL NOTICE
December 22, 2015

COG Operating, LLC is applying to surface commingle two oil wells to a central tank battery in Lea County, New Mexico. The central tank battery is located at the Flat Head Fed Com #6H well. The two wells, details, and locations are the following:

Flat Head Fed Com #6H, located in the northeast quarter of section 14, T17S, R32E, Unit B, 1115'FNL & 1650'FEL.

Flat Head Fed Com #8H, located in the northeast quarter of section 14, T17S, R32E, Unit A, 1170'FNL & 330'FEL.

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.

#30569

Flat Head Federal Com 6H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
FLAT HEAD FED COM #6H	08/31/2015	45.0900	46.0000	192.0000
FLAT HEAD FED COM #6H	08/30/2015	45.1100	44.0000	185.0000
FLAT HEAD FED COM #6H	08/29/2015	44.9400	44.0000	186.0000
FLAT HEAD FED COM #6H	08/28/2015	39.9100	45.0000	189.0000
FLAT HEAD FED COM #6H	08/27/2015	44.0300	43.0000	185.0000
FLAT HEAD FED COM #6H	08/26/2015	44.2100	44.0000	185.0000
FLAT HEAD FED COM #6H	08/25/2015	44.9500	45.0000	184.0000
FLAT HEAD FED COM #6H	08/24/2015	42.9200	43.0000	227.1000
FLAT HEAD FED COM #6H	08/23/2015	43.8500	43.0000	188.0000
FLAT HEAD FED COM #6H	08/22/2015	45.6700	45.0000	191.0000
FLAT HEAD FED COM #6H	08/21/2015	47.0900	49.0000	203.0000
FLAT HEAD FED COM #6H	08/20/2015	42.9500	49.0000	188.0000
FLAT HEAD FED COM #6H	08/19/2015	47.2200	57.0000	200.0000
FLAT HEAD FED COM #6H	08/18/2015	40.1000	57.0000	168.0000
FLAT HEAD FED COM #6H	08/17/2015	47.8300	61.0000	175.0000
FLAT HEAD FED COM #6H	08/16/2015	13.8200	2.5000	65.8700
FLAT HEAD FED COM #6H	08/15/2015	12.6700	0.7100	11.9100
FLAT HEAD FED COM #6H	08/14/2015	16.1200	10.0000	66.6200
FLAT HEAD FED COM #6H	08/13/2015	54.1000	50.0000	230.0000
FLAT HEAD FED COM #6H	08/12/2015	49.8600	47.0000	218.0000
FLAT HEAD FED COM #6H	08/11/2015	54.0000	49.0000	223.0000
FLAT HEAD FED COM #6H	08/10/2015	53.0500	52.0000	234.0000
FLAT HEAD FED COM #6H	08/09/2015	48.0600	50.0000	220.0000
FLAT HEAD FED COM #6H	08/08/2015	52.6400	51.0000	227.0000
FLAT HEAD FED COM #6H	08/07/2015	50.1100	49.0000	223.0000
FLAT HEAD FED COM #6H	08/06/2015	36.9200	47.0000	167.0000
FLAT HEAD FED COM #6H	08/05/2015	50.6400	56.0000	221.0000
FLAT HEAD FED COM #6H	08/04/2015	47.6000	61.0000	224.0000
FLAT HEAD FED COM #6H	08/03/2015	53.0000	73.0000	225.0000
FLAT HEAD FED COM #6H	08/02/2015	49.1700	95.0000	197.0000
FLAT HEAD FED COM #6H	08/01/2015	44.3800	53.7700	146.0000
Monthly Average:		43.6132	47.1606	185.3387
FLAT HEAD FED COM #6H	07/31/2015	29.2000	2.9300	8.4500
FLAT HEAD FED COM #6H	07/30/2015	31.0500	2.9300	8.4200
FLAT HEAD FED COM #6H	07/29/2015	42.8500	3.0000	8.0000
FLAT HEAD FED COM #6H	07/28/2015	17.9500	16.3100	78.1100
FLAT HEAD FED COM #6H	07/27/2015	41.8900	32.0000	165.0000
FLAT HEAD FED COM #6H	07/26/2015	50.6700	50.0000	221.0000
FLAT HEAD FED COM #6H	07/25/2015	49.1400	52.0000	225.0000
FLAT HEAD FED COM #6H	07/24/2015	23.1000	26.7500	95.7900
FLAT HEAD FED COM #6H	07/23/2015	41.9400	58.0000	213.0000
FLAT HEAD FED COM #6H	07/22/2015	48.2800	14.0000	136.6700
FLAT HEAD FED COM #6H	07/21/2015	47.8500	49.0000	198.0000
FLAT HEAD FED COM #6H	07/20/2015	17.6800	23.6600	113.6500
FLAT HEAD FED COM #6H	07/19/2015	44.0200	44.0000	191.0000
FLAT HEAD FED COM #6H	07/18/2015	49.4600	48.0000	206.0000
FLAT HEAD FED COM #6H	07/17/2015	49.1200	48.0000	208.0000
FLAT HEAD FED COM #6H	07/16/2015	42.5900	40.0000	114.0000
FLAT HEAD FED COM #6H	07/15/2015	48.9100	46.6200	209.0000
FLAT HEAD FED COM #6H	07/14/2015	46.4900	43.0000	193.0000
FLAT HEAD FED COM #6H	07/13/2015	46.9300	47.0000	207.0000
FLAT HEAD FED COM #6H	07/12/2015	47.9800	45.0000	199.0000
FLAT HEAD FED COM #6H	07/11/2015	44.9700	43.0000	192.0000
FLAT HEAD FED COM #6H	07/10/2015	47.0200	47.0000	205.0000
FLAT HEAD FED COM #6H	07/09/2015	50.0100	46.0000	201.0000
FLAT HEAD FED COM #6H	07/08/2015	49.0100	45.0000	196.0000
FLAT HEAD FED COM #6H	07/07/2015	46.0400	45.0000	204.0000
FLAT HEAD FED COM #6H	07/06/2015	46.9600	43.0000	199.0000
FLAT HEAD FED COM #6H	07/05/2015	46.0200	43.0000	195.0000
FLAT HEAD FED COM #6H	07/04/2015	46.1100	45.0000	200.0000

Flat Head Federal Com 6H
Production Data

FLAT HEAD FED COM #6H	07/03/2015	48.0300	46.0000	203.0000
FLAT HEAD FED COM #6H	07/02/2015	49.9100	48.0000	207.0000
FLAT HEAD FED COM #6H	07/01/2015	46.9800	46.0000	199.0000
Monthly Average:		43.1665	38.3613	167.7126
FLAT HEAD FED COM #6H	06/30/2015	46.0300	44.0000	188.0000
FLAT HEAD FED COM #6H	06/29/2015	48.7500	47.0000	204.0000
FLAT HEAD FED COM #6H	06/28/2015	41.0800	45.0000	193.0000
FLAT HEAD FED COM #6H	06/27/2015	47.0700	45.0000	197.0000
FLAT HEAD FED COM #6H	06/26/2015	46.1100	46.0000	199.0000
FLAT HEAD FED COM #6H	06/25/2015	49.0200	45.0000	185.0000
FLAT HEAD FED COM #6H	06/24/2015	48.0900	48.0000	202.0000
FLAT HEAD FED COM #6H	06/23/2015	47.7900	47.0000	200.0000
FLAT HEAD FED COM #6H	06/22/2015	48.1000	49.0000	204.2500
FLAT HEAD FED COM #6H	06/21/2015	49.4000	48.0000	198.0000
FLAT HEAD FED COM #6H	06/20/2015	46.9800	50.0000	202.0000
FLAT HEAD FED COM #6H	06/19/2015	48.9500	46.0000	200.0000
FLAT HEAD FED COM #6H	06/18/2015	48.5000	47.0000	200.0000
FLAT HEAD FED COM #6H	06/17/2015	20.2400	27.3300	92.6900
FLAT HEAD FED COM #6H	06/16/2015	49.2900	47.0000	198.0000
FLAT HEAD FED COM #6H	06/15/2015	45.8700	45.0000	187.0000
FLAT HEAD FED COM #6H	06/14/2015	46.9400	46.0000	189.0000
FLAT HEAD FED COM #6H	06/13/2015	51.3700	49.0000	205.0000
FLAT HEAD FED COM #6H	06/12/2015	51.8800	52.0000	200.0000
FLAT HEAD FED COM #6H	06/11/2015	50.9200	51.0000	204.0000
FLAT HEAD FED COM #6H	06/10/2015	51.0000	49.0000	195.0000
FLAT HEAD FED COM #6H	06/09/2015	51.9900	47.0000	197.0000
FLAT HEAD FED COM #6H	06/08/2015	53.0700	51.0000	198.0000
FLAT HEAD FED COM #6H	06/07/2015	52.8500	55.0000	194.0000
FLAT HEAD FED COM #6H	06/06/2015	55.3400	52.0000	201.0000
FLAT HEAD FED COM #6H	06/05/2015	50.2400	56.0000	196.0000
FLAT HEAD FED COM #6H	06/04/2015	49.9400	52.0000	189.0000
FLAT HEAD FED COM #6H	06/03/2015	45.8400	54.0000	185.0000
FLAT HEAD FED COM #6H	06/02/2015	44.0800	53.0000	181.0000
FLAT HEAD FED COM #6H	06/01/2015	74.1600	36.0000	155.0000
Monthly Average:		48.6963	47.6443	191.2980
FLAT HEAD FED COM #6H	05/31/2015	46.8700	55.0000	173.0000
FLAT HEAD FED COM #6H	05/30/2015	45.9100	80.0000	199.0000
FLAT HEAD FED COM #6H	05/29/2015	46.9800	99.0000	172.0000
FLAT HEAD FED COM #6H	05/28/2015	17.3200	2.4000	15.9100
FLAT HEAD FED COM #6H	05/27/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #6H	05/26/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #6H	05/25/2015	9.1200	1.4600	10.3600
FLAT HEAD FED COM #6H	05/24/2015	30.2600	5.7600	39.1000
FLAT HEAD FED COM #6H	05/23/2015	34.9200	6.2200	40.2400
FLAT HEAD FED COM #6H	05/22/2015	39.1700	6.0000	41.0000
FLAT HEAD FED COM #6H	05/21/2015	37.9800	12.9600	74.2700
FLAT HEAD FED COM #6H	05/20/2015	40.4200	13.3900	75.0800
FLAT HEAD FED COM #6H	05/19/2015	44.9600	14.0000	78.0000
FLAT HEAD FED COM #6H	05/18/2015	48.1000	44.5200	152.9500
FLAT HEAD FED COM #6H	05/17/2015	44.9300	49.0000	160.0000
FLAT HEAD FED COM #6H	05/16/2015	65.2700	86.7600	232.5500
FLAT HEAD FED COM #6H	05/15/2015	44.2800	64.0000	165.0000
FLAT HEAD FED COM #6H	05/14/2015	44.2900	65.0000	162.0000
FLAT HEAD FED COM #6H	05/13/2015	71.9600	24.0000	85.0000
FLAT HEAD FED COM #6H	05/12/2015	49.8300	0.0000	27.0000
FLAT HEAD FED COM #6H	05/11/2015	37.0700	48.3200	128.6000
FLAT HEAD FED COM #6H	05/10/2015	38.1600	63.0000	160.0000
FLAT HEAD FED COM #6H	05/09/2015	49.2300	46.0000	80.0000
FLAT HEAD FED COM #6H	05/08/2015	52.5900	47.9200	175.8000
FLAT HEAD FED COM #6H	05/07/2015	36.7900	39.7700	124.4300
FLAT HEAD FED COM #6H	05/06/2015	14.7200	35.7500	53.9600

Flat Head Federal Com 6H
Production Data

FLAT HEAD FED COM #6H	05/05/2015	53.9800	48.8900	176.1800
FLAT HEAD FED COM #6H	05/04/2015	37.2000	41.0300	140.2100
FLAT HEAD FED COM #6H	05/03/2015	48.7400	60.0400	179.3300
FLAT HEAD FED COM #6H	05/02/2015	99.8800	74.1200	301.5600
FLAT HEAD FED COM #6H	05/01/2015	88.9700	69.6800	291.2100
Monthly Average:		42.5774	38.8384	119.7981
FLAT HEAD FED COM #6H	04/30/2015	39.3600	25.2700	108.4400
FLAT HEAD FED COM #6H	04/29/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #6H	04/28/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #6H	04/27/2015	53.6400	41.8800	177.5300
FLAT HEAD FED COM #6H	04/26/2015	85.5300	65.2800	278.7000
FLAT HEAD FED COM #6H	04/25/2015	94.0100	70.2000	300.6700
FLAT HEAD FED COM #6H	04/24/2015	100.0100	79.6200	336.3900
FLAT HEAD FED COM #6H	04/23/2015	99.0100	79.4100	326.7400
FLAT HEAD FED COM #6H	04/22/2015	102.7200	78.8000	327.3000
FLAT HEAD FED COM #6H	04/21/2015	107.4300	78.5600	323.4800
FLAT HEAD FED COM #6H	04/20/2015	106.7600	79.0000	329.3800
FLAT HEAD FED COM #6H	04/19/2015	107.6900	79.2100	332.6200
FLAT HEAD FED COM #6H	04/18/2015	106.9300	80.1400	330.5100
FLAT HEAD FED COM #6H	04/17/2015	105.4800	76.1900	320.6400
FLAT HEAD FED COM #6H	04/16/2015	89.6200	93.6200	443.1200
FLAT HEAD FED COM #6H	04/15/2015	89.3300	90.7400	432.7000
FLAT HEAD FED COM #6H	04/14/2015	84.6100	90.8100	427.9100
FLAT HEAD FED COM #6H	04/13/2015	19.7000	22.1600	48.4400
FLAT HEAD FED COM #6H	04/12/2015	23.7500	27.8300	140.4800
FLAT HEAD FED COM #6H	04/11/2015	87.5300	92.4100	433.4600
FLAT HEAD FED COM #6H	04/10/2015	87.7200	91.7000	433.4800
FLAT HEAD FED COM #6H	04/09/2015	82.2100	92.7600	435.3700
FLAT HEAD FED COM #6H	04/08/2015	96.7100	92.4400	435.6200
FLAT HEAD FED COM #6H	04/07/2015	92.7900	92.1000	435.5400
FLAT HEAD FED COM #6H	04/06/2015	89.5700	93.8400	462.5400
FLAT HEAD FED COM #6H	04/05/2015	85.1300	90.7600	429.6400
FLAT HEAD FED COM #6H	04/04/2015	90.4300	90.0500	428.3500
FLAT HEAD FED COM #6H	04/03/2015	91.9500	89.4600	422.8700
FLAT HEAD FED COM #6H	04/02/2015	91.4900	87.6400	424.2100
FLAT HEAD FED COM #6H	04/01/2015	100.3700	92.2700	424.5700
Monthly Average:		80.3827	72.1383	325.0233
FLAT HEAD FED COM #6H	03/31/2015	92.5400	89.5100	429.9700
FLAT HEAD FED COM #6H	03/30/2015	84.9500	87.3000	426.1100
FLAT HEAD FED COM #6H	03/29/2015	85.5900	87.2100	432.2500
FLAT HEAD FED COM #6H	03/28/2015	84.1500	88.3100	431.3100
FLAT HEAD FED COM #6H	03/27/2015	83.0400	87.0400	433.7000
FLAT HEAD FED COM #6H	03/26/2015	76.9400	89.8400	434.4400
FLAT HEAD FED COM #6H	03/25/2015	81.4400	88.5400	435.6400
FLAT HEAD FED COM #6H	03/24/2015	78.2600	86.3500	436.1000
FLAT HEAD FED COM #6H	03/23/2015	74.6100	50.0000	429.8200
FLAT HEAD FED COM #6H	03/22/2015	67.6900	200.0000	421.2000
FLAT HEAD FED COM #6H	03/21/2015	44.2900	16.0000	295.4900
FLAT HEAD FED COM #6H	03/20/2015	38.7500	25.0000	395.7400
FLAT HEAD FED COM #6H	03/19/2015	49.8200	45.0000	416.7000
FLAT HEAD FED COM #6H	03/18/2015	27.6800	25.0000	404.6500
FLAT HEAD FED COM #6H	03/17/2015	96.8800	110.0000	2,579.0000
FLAT HEAD FED COM #6H	03/16/2015	80.2700	97.0000	464.0000
FLAT HEAD FED COM #6H	03/15/2015	105.1800	115.0000	429.0000
FLAT HEAD FED COM #6H	03/14/2015	105.1800	158.0000	440.0000
FLAT HEAD FED COM #6H	03/13/2015	102.4000	193.0000	473.0000
FLAT HEAD FED COM #6H	03/12/2015	102.3500	146.0000	449.0000
FLAT HEAD FED COM #6H	03/11/2015	99.4800	141.0000	447.0000
FLAT HEAD FED COM #6H	03/10/2015	102.2400	137.0000	481.0000
FLAT HEAD FED COM #6H	03/09/2015	100.8700	136.0000	423.0000
FLAT HEAD FED COM #6H	03/08/2015	94.0900	135.0000	395.0000

Flat Head Federal Com 6H
Production Data

FLAT HEAD FED COM #6H	03/07/2015	94.1100	149.0000	468.0000
FLAT HEAD FED COM #6H	03/06/2015	94.1100	146.0000	480.0000
FLAT HEAD FED COM #6H	03/05/2015	92.1600	146.0000	483.0000
FLAT HEAD FED COM #6H	03/04/2015	105.0000	145.0000	467.0000
FLAT HEAD FED COM #6H	03/03/2015	105.0100	151.0000	468.0000
FLAT HEAD FED COM #6H	03/02/2015	107.7700	124.0000	478.0000
FLAT HEAD FED COM #6H	03/01/2015	108.4600	137.0000	450.0000
Monthly Average:		85.9777	110.6806	506.3587

Flat Head Federal Com 8H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
FLAT HEAD FED COM #8H	08/31/2015	46.1000	88.0000	366.0000
FLAT HEAD FED COM #8H	08/30/2015	46.1600	69.0000	279.0000
FLAT HEAD FED COM #8H	08/29/2015	55.3900	71.0000	292.0000
FLAT HEAD FED COM #8H	08/28/2015	45.9000	53.0000	225.0000
FLAT HEAD FED COM #8H	08/27/2015	50.0400	72.0000	291.0000
FLAT HEAD FED COM #8H	08/26/2015	55.2700	49.0000	227.0000
FLAT HEAD FED COM #8H	08/25/2015	51.0700	62.0000	294.0000
FLAT HEAD FED COM #8H	08/24/2015	64.8800	74.0000	287.9000
FLAT HEAD FED COM #8H	08/23/2015	55.8000	63.0000	270.0000
FLAT HEAD FED COM #8H	08/22/2015	64.3500	87.0000	323.0000
FLAT HEAD FED COM #8H	08/21/2015	69.1400	73.0000	194.0000
FLAT HEAD FED COM #8H	08/20/2015	39.9500	49.0000	163.0000
FLAT HEAD FED COM #8H	08/19/2015	66.1100	73.0000	276.0000
FLAT HEAD FED COM #8H	08/18/2015	73.1900	75.0000	274.0000
FLAT HEAD FED COM #8H	08/17/2015	76.7300	46.0000	271.0000
FLAT HEAD FED COM #8H	08/16/2015	19.3900	4.5000	111.1300
FLAT HEAD FED COM #8H	08/15/2015	17.7800	1.2900	20.0900
FLAT HEAD FED COM #8H	08/14/2015	22.6300	18.0000	112.3800
FLAT HEAD FED COM #8H	08/13/2015	75.9500	90.0000	388.0000
FLAT HEAD FED COM #8H	08/12/2015	82.7800	84.0000	402.0000
FLAT HEAD FED COM #8H	08/11/2015	77.2900	82.0000	399.0000
FLAT HEAD FED COM #8H	08/10/2015	63.0600	89.0000	382.0000
FLAT HEAD FED COM #8H	08/09/2015	65.4400	90.0000	428.0000
FLAT HEAD FED COM #8H	08/08/2015	69.1500	91.0000	391.0000
FLAT HEAD FED COM #8H	08/07/2015	66.1400	83.0000	375.0000
FLAT HEAD FED COM #8H	08/06/2015	70.8500	71.0000	428.0000
FLAT HEAD FED COM #8H	08/05/2015	80.6200	103.0000	381.0000
FLAT HEAD FED COM #8H	08/04/2015	79.6700	90.0000	398.0000
FLAT HEAD FED COM #8H	08/03/2015	80.0300	97.0000	397.0000
FLAT HEAD FED COM #8H	08/02/2015	78.2600	95.0000	390.0000
FLAT HEAD FED COM #8H	08/01/2015	107.6000	61.2300	350.0000
Monthly Average:		61.8297	69.4845	302.7581
FLAT HEAD FED COM #8H	07/31/2015	48.2100	80.0700	386.5500
FLAT HEAD FED COM #8H	07/30/2015	68.6000	83.0700	409.5800
FLAT HEAD FED COM #8H	07/29/2015	31.8800	89.0000	465.0000
FLAT HEAD FED COM #8H	07/28/2015	40.1600	35.6900	161.8900
FLAT HEAD FED COM #8H	07/27/2015	93.7400	70.0000	342.0000
FLAT HEAD FED COM #8H	07/26/2015	105.4700	115.0000	475.0000
FLAT HEAD FED COM #8H	07/25/2015	103.2800	108.0000	413.0000
FLAT HEAD FED COM #8H	07/24/2015	46.1900	62.2500	244.2100
FLAT HEAD FED COM #8H	07/23/2015	93.8500	135.0000	566.0000
FLAT HEAD FED COM #8H	07/22/2015	70.9300	111.0000	390.3300
FLAT HEAD FED COM #8H	07/21/2015	120.6800	135.0000	560.0000
FLAT HEAD FED COM #8H	07/20/2015	45.8800	83.3400	294.3500
FLAT HEAD FED COM #8H	07/19/2015	122.0600	162.0000	562.0000
FLAT HEAD FED COM #8H	07/18/2015	136.0000	165.0000	625.0000
FLAT HEAD FED COM #8H	07/17/2015	136.1100	176.0000	665.0000
FLAT HEAD FED COM #8H	07/16/2015	170.3700	139.0000	555.0000
FLAT HEAD FED COM #8H	07/15/2015	197.6400	177.3800	551.0000
FLAT HEAD FED COM #8H	07/14/2015	177.6900	162.0000	646.0000
FLAT HEAD FED COM #8H	07/13/2015	135.7800	184.0000	665.0000
FLAT HEAD FED COM #8H	07/12/2015	135.7600	177.0000	637.0000
FLAT HEAD FED COM #8H	07/11/2015	120.9100	160.0000	604.0000
FLAT HEAD FED COM #8H	07/10/2015	119.0500	162.0000	551.0000
FLAT HEAD FED COM #8H	07/09/2015	117.3600	174.0000	628.0000
FLAT HEAD FED COM #8H	07/08/2015	115.3900	176.0000	702.0000
FLAT HEAD FED COM #8H	07/07/2015	117.1000	154.0000	547.0000
FLAT HEAD FED COM #8H	07/06/2015	121.8900	162.0000	616.0000
FLAT HEAD FED COM #8H	07/05/2015	138.0700	179.0000	614.0000
FLAT HEAD FED COM #8H	07/04/2015	142.3400	196.0000	689.0000

Flat Head Federal Com 8H
Production Data

FLAT HEAD FED COM #8H	07/03/2015	134.8800	182.0000	658.0000
FLAT HEAD FED COM #8H	07/02/2015	140.3900	217.0000	743.0000
FLAT HEAD FED COM #8H	07/01/2015	157.9500	238.0000	765.0000
Monthly Average:		113.0842	143.5419	539.7068
FLAT HEAD FED COM #8H	06/30/2015	139.1100	201.0000	723.0000
FLAT HEAD FED COM #8H	06/29/2015	150.3300	197.0000	769.0000
FLAT HEAD FED COM #8H	06/28/2015	122.2300	135.0000	637.0000
FLAT HEAD FED COM #8H	06/27/2015	94.1300	152.0000	610.0000
FLAT HEAD FED COM #8H	06/26/2015	56.1300	25.0000	77.0000
FLAT HEAD FED COM #8H	06/25/2015	113.3600	134.0000	563.0000
FLAT HEAD FED COM #8H	06/24/2015	115.2100	161.0000	582.0000
FLAT HEAD FED COM #8H	06/23/2015	116.9200	138.0000	565.0000
FLAT HEAD FED COM #8H	06/22/2015	129.2700	135.0000	626.7500
FLAT HEAD FED COM #8H	06/21/2015	103.0100	126.0000	579.0000
FLAT HEAD FED COM #8H	06/20/2015	132.9400	131.0000	713.0000
FLAT HEAD FED COM #8H	06/19/2015	130.8800	127.0000	596.0000
FLAT HEAD FED COM #8H	06/18/2015	128.3400	112.0000	546.0000
FLAT HEAD FED COM #8H	06/17/2015	43.3000	66.6700	263.3100
FLAT HEAD FED COM #8H	06/16/2015	109.8700	122.0000	588.0000
FLAT HEAD FED COM #8H	06/15/2015	114.6700	98.0000	469.0000
FLAT HEAD FED COM #8H	06/14/2015	118.8600	125.0000	567.0000
FLAT HEAD FED COM #8H	06/13/2015	115.8500	126.0000	623.0000
FLAT HEAD FED COM #8H	06/12/2015	139.3500	135.0000	595.0000
FLAT HEAD FED COM #8H	06/11/2015	134.7700	149.0000	678.0000
FLAT HEAD FED COM #8H	06/10/2015	139.9900	128.0000	574.0000
FLAT HEAD FED COM #8H	06/09/2015	141.7000	141.0000	622.0000
FLAT HEAD FED COM #8H	06/08/2015	141.8600	140.0000	663.0000
FLAT HEAD FED COM #8H	06/07/2015	123.9900	139.0000	685.0000
FLAT HEAD FED COM #8H	06/06/2015	97.1000	139.0000	641.0000
FLAT HEAD FED COM #8H	06/05/2015	110.5200	134.0000	628.0000
FLAT HEAD FED COM #8H	06/04/2015	143.8200	141.0000	674.0000
FLAT HEAD FED COM #8H	06/03/2015	120.2200	129.0000	646.0000
FLAT HEAD FED COM #8H	06/02/2015	127.2400	138.0000	644.0000
FLAT HEAD FED COM #8H	06/01/2015	97.2000	133.0000	687.0000
Monthly Average:		118.4057	131.9223	594.4687
FLAT HEAD FED COM #8H	05/31/2015	126.3300	138.0000	669.0000
FLAT HEAD FED COM #8H	05/30/2015	139.7800	147.0000	702.0000
FLAT HEAD FED COM #8H	05/29/2015	132.9400	145.0000	709.0000
FLAT HEAD FED COM #8H	05/28/2015	161.0800	156.6000	873.0900
FLAT HEAD FED COM #8H	05/27/2015	168.6000	170.0000	905.0000
FLAT HEAD FED COM #8H	05/26/2015	102.2400	154.0000	833.0000
FLAT HEAD FED COM #8H	05/25/2015	84.8300	95.5400	568.6400
FLAT HEAD FED COM #8H	05/24/2015	105.5300	141.2400	804.9000
FLAT HEAD FED COM #8H	05/23/2015	139.6800	161.7800	858.7600
FLAT HEAD FED COM #8H	05/22/2015	121.5100	118.0000	836.0000
FLAT HEAD FED COM #8H	05/21/2015	136.4000	124.0400	882.7300
FLAT HEAD FED COM #8H	05/20/2015	150.6400	139.6100	978.9200
FLAT HEAD FED COM #8H	05/19/2015	102.1800	130.0000	944.0000
FLAT HEAD FED COM #8H	05/18/2015	206.2900	144.4800	1,018.0500
FLAT HEAD FED COM #8H	05/17/2015	183.7000	144.0000	963.0000
FLAT HEAD FED COM #8H	05/16/2015	164.0800	69.2400	940.4500
FLAT HEAD FED COM #8H	05/15/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	05/14/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	05/13/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	05/12/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	05/11/2015	203.9000	234.6800	989.4000
FLAT HEAD FED COM #8H	05/10/2015	209.9100	306.0000	1,231.0000
FLAT HEAD FED COM #8H	05/09/2015	190.5000	254.0000	1,226.0000
FLAT HEAD FED COM #8H	05/08/2015	209.4000	219.0800	1,225.2000
FLAT HEAD FED COM #8H	05/07/2015	184.6500	178.2300	779.5700
FLAT HEAD FED COM #8H	05/06/2015	73.8500	160.2500	338.0400

Flat Head Federal Com 8H
Production Data

FLAT HEAD FED COM #8H	05/05/2015	270.8700	219.1100	1,103.8200
FLAT HEAD FED COM #8H	05/04/2015	200.4500	202.9700	927.7900
FLAT HEAD FED COM #8H	05/03/2015	262.6400	296.9600	1,186.6700
FLAT HEAD FED COM #8H	05/02/2015	274.2000	259.8800	1,192.4400
FLAT HEAD FED COM #8H	05/01/2015	270.2800	229.3200	1,188.7900
Monthly Average:		147.6277	152.8713	802.4277
FLAT HEAD FED COM #8H	04/30/2015	320.8600	404.7300	1,558.5600
FLAT HEAD FED COM #8H	04/29/2015	301.7500	293.0000	1,374.0000
FLAT HEAD FED COM #8H	04/28/2015	301.3900	293.0000	1,304.0000
FLAT HEAD FED COM #8H	04/27/2015	228.3400	234.1200	1,147.4700
FLAT HEAD FED COM #8H	04/26/2015	229.9600	248.7200	1,236.3000
FLAT HEAD FED COM #8H	04/25/2015	266.0500	240.8000	1,294.3300
FLAT HEAD FED COM #8H	04/24/2015	273.6300	304.3800	1,428.6100
FLAT HEAD FED COM #8H	04/23/2015	227.9000	304.5900	1,483.2600
FLAT HEAD FED COM #8H	04/22/2015	250.9700	311.2000	1,540.7000
FLAT HEAD FED COM #8H	04/21/2015	361.8000	278.4400	1,465.5200
FLAT HEAD FED COM #8H	04/20/2015	358.5400	300.0000	1,575.6200
FLAT HEAD FED COM #8H	04/19/2015	213.3400	298.7900	1,683.3800
FLAT HEAD FED COM #8H	04/18/2015	221.9300	271.8600	1,643.4900
FLAT HEAD FED COM #8H	04/17/2015	174.1400	194.8100	1,422.3600
FLAT HEAD FED COM #8H	04/16/2015	209.4800	211.3800	1,636.8800
FLAT HEAD FED COM #8H	04/15/2015	184.2400	141.2600	1,433.3000
FLAT HEAD FED COM #8H	04/14/2015	175.5700	129.1900	1,481.0900
FLAT HEAD FED COM #8H	04/13/2015	60.5700	59.8400	181.5600
FLAT HEAD FED COM #8H	04/12/2015	73.0300	75.1700	526.5200
FLAT HEAD FED COM #8H	04/11/2015	269.1600	249.5900	1,624.5400
FLAT HEAD FED COM #8H	04/10/2015	269.7500	237.3000	1,611.5200
FLAT HEAD FED COM #8H	04/09/2015	246.6300	235.2400	1,693.6300
FLAT HEAD FED COM #8H	04/08/2015	199.4600	231.5600	1,744.3800
FLAT HEAD FED COM #8H	04/07/2015	192.5300	189.9000	1,615.4600
FLAT HEAD FED COM #8H	04/06/2015	190.3300	203.1600	1,759.4600
FLAT HEAD FED COM #8H	04/05/2015	178.7700	171.2400	1,608.3600
FLAT HEAD FED COM #8H	04/04/2015	180.8700	168.9500	1,746.6500
FLAT HEAD FED COM #8H	04/03/2015	167.8200	159.5400	1,695.1300
FLAT HEAD FED COM #8H	04/02/2015	165.8200	146.3600	1,771.7900
FLAT HEAD FED COM #8H	04/01/2015	151.8000	141.7300	1,858.4300
Monthly Average:		221.5477	224.3283	1,471.5433
FLAT HEAD FED COM #8H	03/31/2015	139.9600	137.4900	1,882.0300
FLAT HEAD FED COM #8H	03/30/2015	111.4900	119.7000	1,800.8900
FLAT HEAD FED COM #8H	03/29/2015	123.0300	108.7900	2,004.7500
FLAT HEAD FED COM #8H	03/28/2015	87.3100	94.6900	1,903.6900
FLAT HEAD FED COM #8H	03/27/2015	74.7400	78.9600	1,971.3000
FLAT HEAD FED COM #8H	03/26/2015	53.8500	73.1600	2,049.5600
FLAT HEAD FED COM #8H	03/25/2015	45.8100	68.4600	2,022.3600
FLAT HEAD FED COM #8H	03/24/2015	32.2800	67.6500	2,080.9000
FLAT HEAD FED COM #8H	03/23/2015	0.0000	0.0000	2,022.1800
FLAT HEAD FED COM #8H	03/22/2015	0.0000	0.0000	1,556.8000
FLAT HEAD FED COM #8H	03/21/2015	0.0000	0.0000	202.5100
FLAT HEAD FED COM #8H	03/20/2015	0.0000	0.0000	1,929.2600
FLAT HEAD FED COM #8H	03/19/2015	0.0000	0.0000	2,085.3000
FLAT HEAD FED COM #8H	03/18/2015	0.0000	0.0000	2,179.3500
FLAT HEAD FED COM #8H	03/17/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/16/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/15/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/14/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/13/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/12/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/11/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/10/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/09/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/08/2015	0.0000	0.0000	0.0000

Flat Head Federal Com 8H
Production Data

FLAT HEAD FED COM #8H	03/07/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/06/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/05/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/04/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/03/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/02/2015	0.0000	0.0000	0.0000
FLAT HEAD FED COM #8H	03/01/2015	0.0000	0.0000	0.0000
Monthly Average:		21.5635	24.1581	828.7381

Hung on: 3/16/15

1st Prod: 3/24/15

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

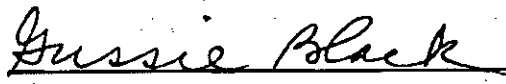
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
December 22, 2015
and ending with the issue dated
December 22, 2015.



Publisher

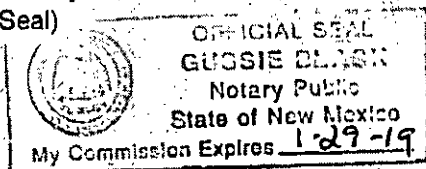
Sworn and subscribed to before me this
22nd day of December 2015.



Business Manager

My commission expires
January 29, 2019

(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE
December 22, 2015

COG Operating, LLC is applying to surface commingle two oil wells to a central tank battery in Lea County, New Mexico. The central tank battery is located at the Flat Head Fed Com #8H well. The two wells, details, and locations are the following:

Flat Head Fed Com #8H, located in the northeast quarter of section 14, T.17S, R.32E, Unit B, 1115' FNL & 1650' FEL

Flat Head Fed Com #8H, located in the northeast quarter of section 14, T.17S, R.32E, Unit A, 1170' FNL & 330' FEL

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 Willinots Ave., Midland, TX 79701. Phone number is 432-685-4332.

#30569

67112034

00168326

BRIAN COLLINS
COG OPERATING LLC
2208 W. MAIN ST.
ARTESIA, NM 88210