

DATE IN 1/20/2016	SUSPENSE	ENGINEER MAM	LOGGED IN 1/20/2016	TYPE CTB	APP NO. P4441602054719
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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
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____

Newcastle 6 Fed Com 7H 30-015-42506
 Newcastle 6 Fed Com 28H 30-015-42930
 Chimay 6 Fed Com 25H 30-015-41584
 Chimay 6 Fed Com 26H 30-015-41585

- CTB 782
 - COG Operating, LLC
 229137
 Pool
 - 2000 Hills
 Glonicta - yes
 96718

- [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

Lead Regulatory Analyst

1/19/16

Print or Type Name

Signature

Title

Date

kc Castillo@concho.com
 e-mail Address

RECEIVED OGD

January 19, 2016

2016 JAN 20 P 2: 26

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 Newcastle 6 Federal Com and Chimay 6 Federal Com wells at our Newcastle 6 Federal Com 7H facility.

Newcastle 6 Federal Com 7H
Eddy County, NM
API # 30-015-42506
Surface: 1030 FSL & 10 FEL
Sec 1, T17S, R29E, Unit P

Newcastle 6 Federal Com 28H
Eddy County, NM
API # 30-015-42930
Surface: 330 FSL & 10 FEL
Sec 1, T17S, R29E, Unit P

Chimay 6 Federal Com 25H
Eddy County, NM
API # 30-015-41584
Surface: 2310 FSL & 10 FEL
Sec 1, T17S, R29E, Unit I

Chimay 6 Federal Com 25H
Eddy County, NM
API # 30-015-41585
Surface: 1963 FSL & 327 FWL
Sec 6, T17S, R30E, Lot 6

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. These wells all have diverse ownership. We will set separate separators for each well. 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 West Illinois Ave, Midland, Texas 79701
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. Loco Hills;Glorieta-Yeso 96718
(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) Well test with common interests.

(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: 1/15/16

TYPE OR PRINT NAME Kanicia Castillo TELEPHONE NO.: 432-685-4332

E-MAIL ADDRESS: kcastillo@concho.com

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC061483
2. Name of Operator COG OPERATING LLC Contact: KANICIA CASTILLO E-Mail: kcastillo@concho.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 W ILLINOIS AVE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 1 T17S R29E Mer NMP 1030FSL 10FEL		8. Well Name and No. NEWCASTLE 6 FEDERAL COM 7H
		9. API Well No. 30-015-42506
		10. Field and Pool, or Exploratory LOCO HILLS
		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Surface Commingling
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 commingle and off lease sales of gas on the following wells:

Newcastle 6 Federal Com 7H
NMNMN116572
NMNM7752
NMNM117555
CA Pending Approval
API 30-015-42506
Sec 1 T17S R29E SWSW 1030FSL 10FEL
Loco Hills;Glorieta-Yeso, 96718

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #328881 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 01/19/2016

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 #328881 that would not fit on the form

32. Additional remarks, continued

Newcastle 6 Federal Com 28H
NMNMN116572
NMNM7752
NMNM117555
API 30-015-42930
Sec 1 T17S R29E SWSW 330FSL 10FEL
Loco Hills;Glorieta-Yeso, 96718

Chimay 6 Federal Com 25H
NMNMN116572
NMNM7752
NMNM117555
API 30-015-41584
Sec 17 T17S R29E NWSW 2310FSL 10FEL
Loco Hills;Glorieta-Yeso, 96718

Chimay 6 Federal Com 26H
NMNMN116572
NMNM7752
NMNM117555
API 30-015-41585
Sec 1 T17S R30E NWSW 1963FSL 327FWL
Loco Hills;Glorieta-Yeso, 96718

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 A CENTRAL TANK BATTERY, LEASE COMMINGLE, OFF LEASE MEASUREMENT, SALES, & STORAGE

Central Tank Battery Proposal for the Newcastle 6 Fed Com and Chimay 6 Fed Com Wells:
COG Operating is requesting approval for a Surface commingle for the following wells:

Federal Lease NMNM116572 (12.5%)
Federal Lease NMNM7752 (12.5%)
Federal Lease NMNM117555 (12.5%)

CA Pending Approval

Well Name	Location	API #	Pool	Oil	BOPD	Gravities	MCFPD	BTU
Newcastle 6 Fed Com 7H	SWSW Sec. 1-T17S-R29E-P	30-015-42506	Loco Hills; Glorieta-Yeso 96718		51	36.7	65	1400

CA Pending Submittal

Newcastle 6 Fed Com 28H	SWSW Sec. 1-T17S-R29E-P	30-015-42930	Loco Hills; Glorieta-Yeso 96718		51*	36.7*	65*	1400*
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Federal Lease NMNM116572 (12.5%)
Federal Lease NMNM7752 (12.5%)
Federal Lease NMNM117555 (12.5%)

CA Pending Submittal

Chimay 6 Fed Com 25H	NWSW Sec. 1-T17S-R29E-I	30-015-41584	Loco Hills; Glorieta-Yeso 96718		51*	36.7*	65*	1400*
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CA Pending Submittal

Chimay 6 Fed Com 26H	NWSW Sec. 6-T17S-R30E-6	30-015-41585	Loco Hills; Glorieta-Yeso 96718		51*	36.7*	65*	1400*
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*These are proposed totals for these wells; once these wells are turned back on the information will be amended.

Attached is a map displays the federal leases and well locations in Section 1, 6 -T17S-R29E.

The BLM's interest in all four wells have the same 12.5% royalty rate.

Oil & Gas metering:

The central tank battery is located on the pad for the Newcastle 6 Fed Com 7H well located in SWSW, Sec. 1-T17S-R29E on federal lease NMNM116572. Flowlines from producing wells terminate into the test/production header which serves as the inlet to the tank battery. From the header, two wells can be put in test while the remaining wells are combined in the production header for separation and storage of produced fluids.

The 3-phase horizontal test separator 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 (PO) #TBD, and the gas flow rate is measured using an orifice meter (PG) #TBD. 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 will handle up to 4 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. The oil test meter 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 meter will be calibrated on a regular basis per API, NMOCD and BLM specifications.

Combined fluids from the production header and test separator will be routed to a 2-phase separator where gas and liquids are separated. Gas separated at this point is sent to the DCP meter #Newcastle 6 Fed Com GM. 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 sales meters. These meters will be calibrated on a regular basis per 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.

Newcastle 6 Fed Com #7H 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.

Newcastle 6 Fed Com #28H 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.

Chimay 6 Fed Com #25H production flows 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.

Chimay 6 Fed Com #26H production flows 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 and emissions. The proposed commingling will reduce operating expenses, as well as, not adversely affect federal royalty income, production accountability, or the distribution of royalty.

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: 1/18/2016

NEWCASTLE 6 FEDERAL COM PDK 7H BATTERY
SESE SECTION 1, T17S, R29E, UNIT P
EDDY COUNTY, NM

WELLS:

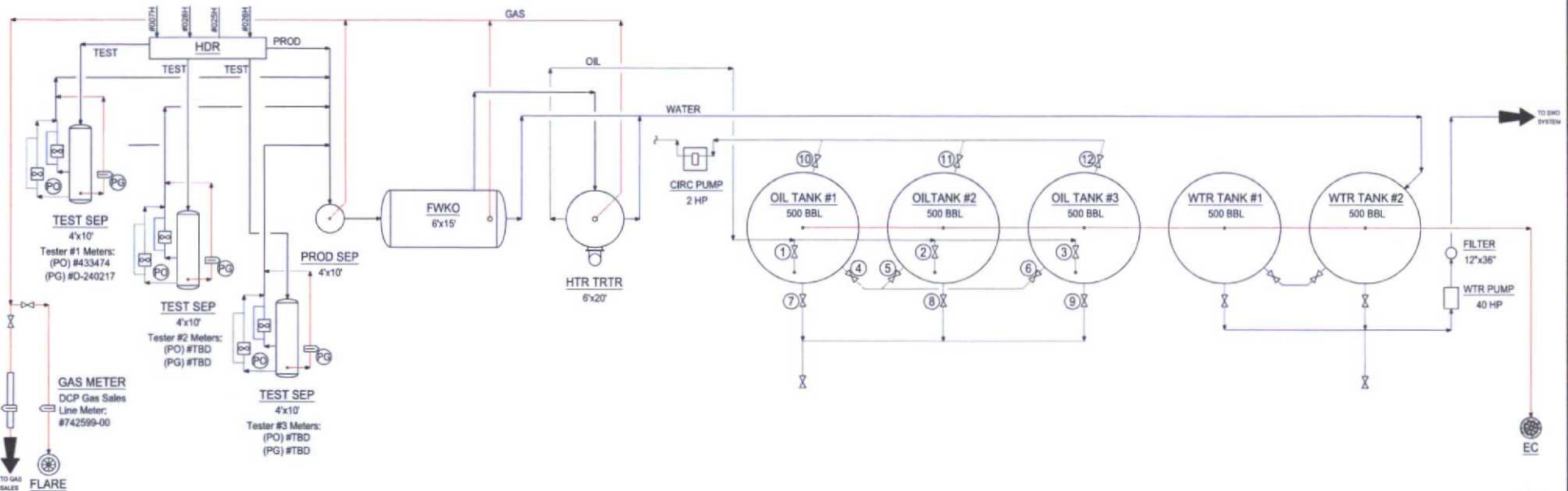
NEWCASTLE 6 FEDERAL COM PDK #007H: 30-015-42506
NEWCASTLE 6 FEDERAL COM UBB #028H: 30-015-42930 *FUTURE*
CHIMAY 6 FEDERAL COM 26H: 30-015-41585
CHIMAY 6 FEDERAL COM 25H: 30-015-41584 *FUTURE*

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

Type of Lease: Federal
Federal Lease #: SHL: NMNM - 7754
Property Code: 313489
OGRID #: 229137

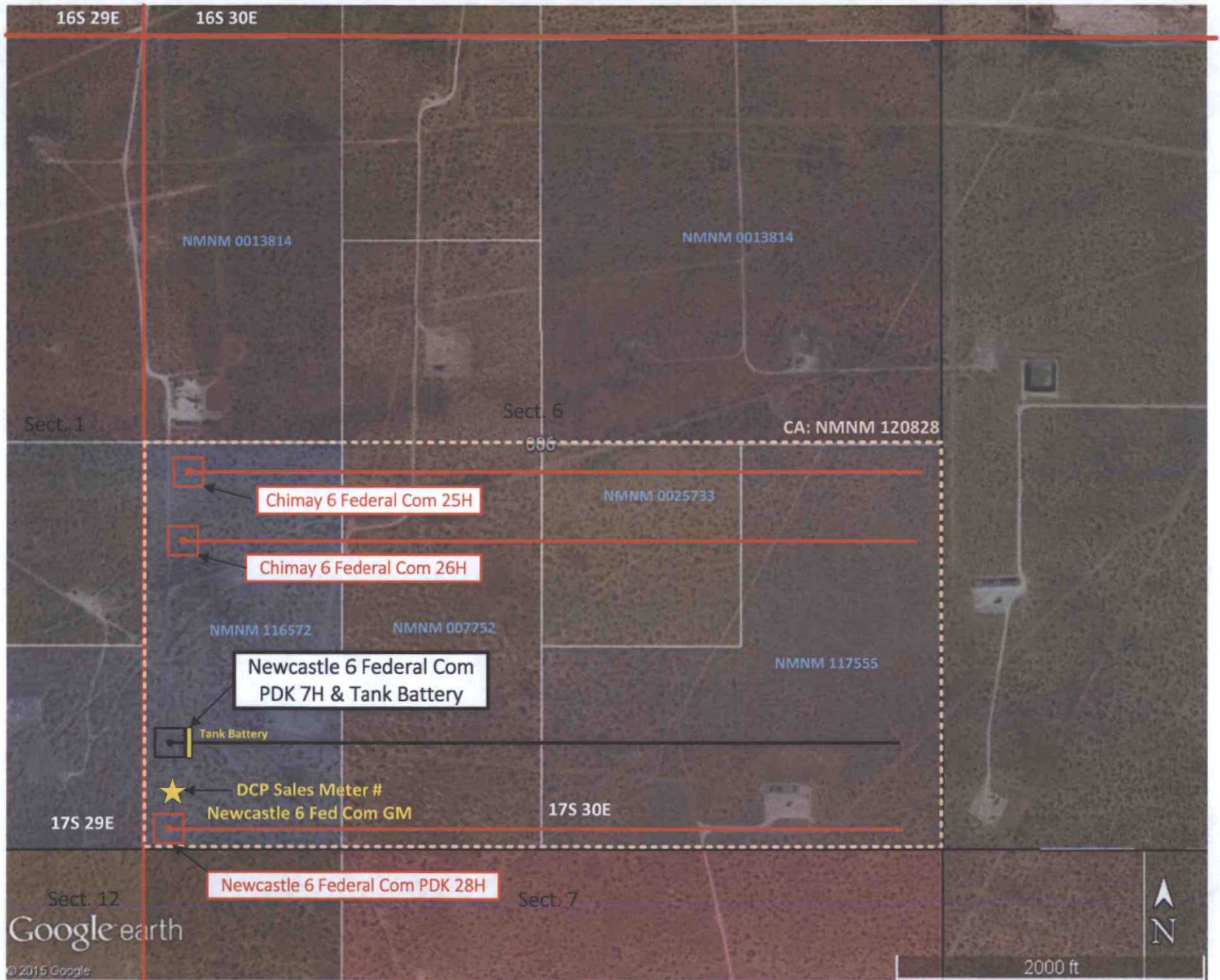
CONFIDENTIALITY NOTICE
THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR CONFIDENTIAL USE ONLY AND IS SUBJECT TO RETURN UPON REQUEST AND SHALL NOT BE REPRODUCED, COPIED, LENT OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY, NOR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT IS SPECIFICALLY FURNISHED.

REFERENCE DRAWINGS

NO.	TITLE
1	COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701

REVISIONS				ENGINEERING RECORD			
NO.	DATE	DESCRIPTION	BY	CHK.	APP.	BY	DATE
A	06/01/12	ISSUE FOR SITE PERMITTING	CHB			CHB	06/01/12
B	2/13/15	UPDATED FOR NEWCASTLE 6 FED 7H BTRY	CHS			CHB	06/01/12
C	07/13/16	UPDATED FOR CHIMAY 26H COMING	KCH				
				AFT. NO.			
				FAEL ENGR.	C. BLEDSOE		
				OPER ENGR.	VARIES		
				SCALE:	NONE		

CONCHO
NEW MEXICO SHELF ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
NEWCASTLE 6 FEDERAL COM PDK 7H BATTERY
EDDY COUNTY, NEW MEXICO
TOWNSHIP/RANGE
MULTIPLE
DWS NO.
D-1700-81-005
REV B





Sent via Certified Mail
Return Receipt: 91 7199 9991 7035 2451 5483

January 15, 2016

BUREAU OF LAND MANAGEMENT
ATTENTION: ED FERNANDEZ
620 E. GREEN STREET
CARLSBAD, NM 88220

RE: Request for Surface Commingle

To Whom It May Concern:

This letter will serve as notice under Rule 104F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM, for Surface Commingle of production from the following wells to the Newcastle 6 Federal Com 7H Central Tank Battery:

Newcastle 6 Federal Com PDK 7H
Eddy County, NM
API # 30-015-42930
Surface: 330 FSL & 10 FEL
Sec 1, T17S, R29E, Unit P

Chimay 6 Federal Com 25H
Eddy County, NM
API # 30-015-41584
Surface: 2310 FSL & 10 FEL
Sec 1, T17S, R29E, Lot 1

Newcastle 6 Federal Com 28H
Eddy County, NM
API # 30-015-42506
Surface: 1030 FSL & 10 FEL
Sec 1, T17S, R29E, Unit P

Chimay 6 Federal Com 26H
Eddy County, NM
API # 30-015-41585
Surface: 1963 FSL & 327 FWL
Sec 6, T17S, R30E, Lot 6

Should you, or your company, have any objection, it must be filed in writing within twenty (20) days from the date of this notice to the New Mexico Oil Conservation Division at the following address: 1220 S St. Francis Drive, Santa Fe, New Mexico 87505. The Division Director may approve the Surface Commingle if no objection has been made within the 20 days after the application has been received. Please do not hesitate to reach us with any questions at the phone number given below.

Sincerely,

Kanicia Castillo
432.685.4332
Lead Regulatory Analyst
COG Operating LLC

1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Andrews Oil, L.P. 1015 BEE CAVE WOODS DR., SUITE 300A AUSTIN TX 78746-0000 GC: 91 7199 9991 7035 2451 5490
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to BUREAU OF LAND MANAGEMENT, ATTENTION: ED FERNANDEZ, 620 E. GREEN STREET CARLSBAD, NM 88220 GC: 91 7199 9991 7035 2451 5483
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to CHASE OIL CORPORATION, P O BOX 1767, ARTESIA NM 88211-1767 GC: 91 7199 9991 7035 2451 5476
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Chi Partners, LLC (212 North Main Street, Suite 200 Midland, TX. 79701) GC: 91 7199 9991 7035 2451 5459
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to DIAKAN MINERALS LLC ATTN: REBECCA S ERICSON, AIF P O BOX 693 ARTESIA NM 88211 GC: 91 7199 9991 7035 2451 5445
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Principal Properties, Attn: Doug & Suzanne Laufer (1603 Enfield, Suite 101 Austin, TX. 78703) GC: 91 7199 9991 7035 2451 5421
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to JOANNA L. MCDERMOTT, SSP, 6625 E CYPRESS ST. SCOTTSDALE, AZ 85257 GC: 91 7199 9991 7035 2451 5384
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to KAREN OLIVER REVOCABLE TRUST ATTN: GEORGE DAVID KELCE 14143 BAYWOOD VILLAGES DRIVE ST LOUIS MO 63107 GC: 91 7199 9991 7035 2451 5377
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to MARY CAROLYN JOHNSON, SSP 320 OAK BROOK LANE GREENWOOD, IN 46142 GC: 91 7199 9991 7035 2451 5360
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent via Certified Mail to McCombs Energy, Ltd. 5599 San Felipe, Ste. 1200, Houston, Texas 77056 GC: 91 7199 9991 7035 2451 5353
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to David Rhea Carson P.O. Box 3068 Taos, NM 87571-3068 GC # 91 7199 9991 7035 2451 5452
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Edward Louis Carson, Jr. 4308 NW 49th St Oklahoma City, OK 73115 GC #: 91 7199 9991 7035 2451 5414
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Gayle Angela Carson 619 Rolling Mill Drive Sugar Land, TX 77498-3075 GC #: 91 7199 9991 7035 2451 5063
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Jackie Kemp Jones 5205 New Orleans Odessa, TX 79762 GC #: 91 7199 9991 7035 2451 5407
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to James Chester Bethel, Jr. 524 Pittman Street Richardson, TX 75081-4278 GC #: 91 7199 9991 7035 2451 5391
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Mail to Diana Louise Carson Kostka 14320 Edmond Lake Road Jones, OK 73049-3438 GC: 91 7199 9991 7035 2451 5438
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to MCDANIEL OIL CORPORATION 8100 LOMO ALTO DR, STE. 212 DALLAS, TX 75225 GC: 91 7199 9991 7035 2451 5346
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Melva Jean Meyers as TTE OF THE REX THOMAS MEYERS EXEMPTION TRUST UTA DATED 8/7/1995 1 St. Andrews Circle Broken Arrow, OK 74011 GC #: 91 7199 9991 7035 2451 5339
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent via Certified Mail to Murchison Oil & Gas, Inc. Legacy Towers One 7250 Dallas Parkway, Suite 1400, Plano, Texas 75024 GC: 91 7199 9991 7035 2451 5322
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Verified Mail to RAYE MILLER 2308 SIERRA VISTA RD ARTESIA NM 88210 GC: 91 7199 9991 7035 2451 5315
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to Richard M. Lowery 137 Apollo Drive Burnet, TX 78611 GC #: 91 7199 9991 7035 2451 5308
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to ROBERT C CHASE PO BOX 297 ARTESIA NM 88211 GC: 91 7199 9991 7035 2451 5292
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to ROOT FAMILY HOLDINGS LLC, PO BOX 403 ROSEMOUNT MN 55068-0403 GC: 91 7199 9991 7035 2451 5285
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to RRA MINERALS, LLC 2214 TOLL GATE ROAD SE, HUNTSVILLE AL 35801 GC: 91 7199 9991 7035 2451 5278
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Certified Mail to the New Mexico Baptist Foundation, Inc. Attn: Mr Rick Breedon 2511 Wyoming Blvd NE Albuquerque NM 87112 GC #: 91 7199 9991 7035 2451 5261
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Mail to Valerie Rose Carson Ryckman 626 Longview Drive Sugar Land, TX 77478-3729 GC: 91 7199 9991 7035 2451 5254
1/15/2016	TC	Commingle Notice, C107B and Tank Battery Diagram	Newcastle 6 Fed Com #7H CTB	Sent Mail to VENTANA MINERALS LLC ATTN: STACI SANDERS, AIF P O BOX 359 ARTESIA NM 88211 GC: 91 7199 9991 7035 2451 5247

Newcastle 6 Federal Com 7H

Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
NEWCASTLE 6 FED COM 7H PDK	09/30/2015	46.9700	85.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/29/2015	67.7000	70.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	09/28/2015	52.6300	72.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/27/2015	55.4100	82.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	09/26/2015	49.8600	57.0000	124.0000
NEWCASTLE 6 FED COM 7H PDK	09/25/2015	52.6300	66.0000	192.0000
NEWCASTLE 6 FED COM 7H PDK	09/24/2015	52.6400	58.0000	134.0000
NEWCASTLE 6 FED COM 7H PDK	09/23/2015	53.3100	74.0000	192.0000
NEWCASTLE 6 FED COM 7H PDK	09/22/2015	49.9700	67.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	09/21/2015	52.5100	73.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/20/2015	49.7400	103.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/19/2015	35.9200	23.0000	62.0000
NEWCASTLE 6 FED COM 7H PDK	09/18/2015	35.9200	29.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	09/17/2015	52.5000	61.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	09/16/2015	63.5600	60.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	09/15/2015	48.4400	70.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/14/2015	52.4800	57.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	09/13/2015	55.2400	79.0000	258.0000
NEWCASTLE 6 FED COM 7H PDK	09/12/2015	52.4900	75.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	09/11/2015	52.4800	75.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	09/10/2015	58.0000	79.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	09/09/2015	55.2600	59.0000	187.0000
NEWCASTLE 6 FED COM 7H PDK	09/08/2015	54.6100	61.0000	124.0000
NEWCASTLE 6 FED COM 7H PDK	09/07/2015	44.3200	60.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	09/06/2015	55.4100	62.0000	140.0000
NEWCASTLE 6 FED COM 7H PDK	09/05/2015	47.0900	75.0000	176.0000
NEWCASTLE 6 FED COM 7H PDK	09/04/2015	38.7800	54.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	09/03/2015	55.4100	55.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	09/02/2015	41.5500	51.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	09/01/2015	60.9700	72.0000	189.0000
Monthly Average:		51.4600	65.4667	168.5000
NEWCASTLE 6 FED COM 7H PDK	08/31/2015	46.2900	63.0000	139.0000
NEWCASTLE 6 FED COM 7H PDK	08/30/2015	52.5000	46.0000	174.0000
NEWCASTLE 6 FED COM 7H PDK	08/29/2015	49.7400	83.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	08/28/2015	44.2100	58.0000	124.0000
NEWCASTLE 6 FED COM 7H PDK	08/27/2015	52.5100	52.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	08/26/2015	42.8300	61.0000	194.0000
NEWCASTLE 6 FED COM 7H PDK	08/25/2015	46.9800	58.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	08/24/2015	49.7200	57.0000	128.0000
NEWCASTLE 6 FED COM 7H PDK	08/23/2015	46.9600	55.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	08/22/2015	49.7200	56.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	08/21/2015	44.2000	57.0000	128.0000
NEWCASTLE 6 FED COM 7H PDK	08/20/2015	52.4800	65.0000	194.0000
NEWCASTLE 6 FED COM 7H PDK	08/19/2015	40.0700	52.0000	128.0000
NEWCASTLE 6 FED COM 7H PDK	08/18/2015	48.3800	79.0000	194.0000
NEWCASTLE 6 FED COM 7H PDK	08/17/2015	44.3200	49.0000	196.0000
NEWCASTLE 6 FED COM 7H PDK	08/16/2015	47.0900	58.0000	128.0000
NEWCASTLE 6 FED COM 7H PDK	08/15/2015	47.1000	58.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	08/14/2015	47.0900	58.0000	127.0000
NEWCASTLE 6 FED COM 7H PDK	08/13/2015	49.8600	60.0000	186.0000
NEWCASTLE 6 FED COM 7H PDK	08/12/2015	47.1000	51.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	08/11/2015	47.0900	62.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	08/10/2015	44.4000	64.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	08/09/2015	46.9700	57.0000	127.0000
NEWCASTLE 6 FED COM 7H PDK	08/08/2015	49.7400	58.0000	127.0000
NEWCASTLE 6 FED COM 7H PDK	08/07/2015	51.1200	56.0000	187.0000
NEWCASTLE 6 FED COM 7H PDK	08/06/2015	40.0700	50.0000	81.0000
NEWCASTLE 6 FED COM 7H PDK	08/05/2015	52.5000	63.0000	170.0000
NEWCASTLE 6 FED COM 7H PDK	08/04/2015	59.4100	60.0000	249.0000
NEWCASTLE 6 FED COM 7H PDK	08/03/2015	38.0000	61.0000	66.0000

36.7

Newcastle 6 Federal Com 7H
Production Data

NEWCASTLE 6 FED COM 7H PDK	08/02/2015	46.9600	57.0000	125.0000
NEWCASTLE 6 FED COM 7H PDK	08/01/2015	44.1900	53.0000	123.0000
Monthly Average:		47.4065	58.6129	148.9355
NEWCASTLE 6 FED COM 7H PDK	07/31/2015	52.4800	64.0000	187.0000
NEWCASTLE 6 FED COM 7H PDK	07/30/2015	60.7700	70.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/29/2015	52.4800	66.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/28/2015	60.7900	73.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	07/27/2015	51.1600	64.0000	186.0000
NEWCASTLE 6 FED COM 7H PDK	07/26/2015	49.8600	70.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/25/2015	55.4100	91.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/24/2015	55.4000	51.0000	124.0000
NEWCASTLE 6 FED COM 7H PDK	07/23/2015	55.4100	67.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/22/2015	45.0100	68.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/21/2015	65.1400	80.0000	192.0000
NEWCASTLE 6 FED COM 7H PDK	07/20/2015	66.3200	70.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	07/19/2015	46.9700	66.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	07/18/2015	58.0300	79.0000	187.0000
NEWCASTLE 6 FED COM 7H PDK	07/17/2015	58.0300	87.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/16/2015	64.9400	64.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/15/2015	52.5000	72.0000	189.0000
NEWCASTLE 6 FED COM 7H PDK	07/14/2015	58.1600	94.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/13/2015	58.0100	52.0000	188.0000
NEWCASTLE 6 FED COM 7H PDK	07/12/2015	66.2900	79.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/11/2015	66.2900	84.0000	254.0000
NEWCASTLE 6 FED COM 7H PDK	07/10/2015	55.2500	76.0000	192.0000
NEWCASTLE 6 FED COM 7H PDK	07/09/2015	70.4400	94.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	07/08/2015	58.1300	71.0000	193.0000
NEWCASTLE 6 FED COM 7H PDK	07/07/2015	60.9400	88.0000	252.0000
NEWCASTLE 6 FED COM 7H PDK	07/06/2015	58.1800	75.0000	187.0000
NEWCASTLE 6 FED COM 7H PDK	07/05/2015	66.4800	86.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/04/2015	66.4900	84.0000	221.0000
NEWCASTLE 6 FED COM 7H PDK	07/03/2015	69.2500	86.0000	224.0000
NEWCASTLE 6 FED COM 7H PDK	07/02/2015	64.5500	90.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	07/01/2015	66.3200	95.0000	190.0000
Monthly Average:		59.2090	76.0000	191.5161
NEWCASTLE 6 FED COM 7H PDK	06/30/2015	60.7900	95.0000	192.0000
NEWCASTLE 6 FED COM 7H PDK	06/29/2015	46.9700	100.0000	194.0000
NEWCASTLE 6 FED COM 7H PDK	06/28/2015	46.9800	145.0000	195.0000
NEWCASTLE 6 FED COM 7H PDK	06/27/2015	63.5600	21.0000	132.0000
NEWCASTLE 6 FED COM 7H PDK	06/26/2015	0.0000	1.0000	10.0000
NEWCASTLE 6 FED COM 7H PDK	06/25/2015	8.2900	2.0000	264.0000
NEWCASTLE 6 FED COM 7H PDK	06/24/2015	52.5900	5.0000	122.0000
NEWCASTLE 6 FED COM 7H PDK	06/23/2015	13.8400	2.0000	62.0000
NEWCASTLE 6 FED COM 7H PDK	06/22/2015	44.1900	21.0000	63.0000
NEWCASTLE 6 FED COM 7H PDK	06/21/2015	69.0600	90.0000	253.0000
NEWCASTLE 6 FED COM 7H PDK	06/20/2015	66.2900	86.0000	213.0000
NEWCASTLE 6 FED COM 7H PDK	06/19/2015	66.3000	88.0000	170.0000
NEWCASTLE 6 FED COM 7H PDK	06/18/2015	66.2900	93.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	06/17/2015	67.8500	78.0000	194.0000
NEWCASTLE 6 FED COM 7H PDK	06/16/2015	72.0300	96.0000	200.0000
NEWCASTLE 6 FED COM 7H PDK	06/15/2015	63.7100	99.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	06/14/2015	58.1800	106.0000	190.0000
NEWCASTLE 6 FED COM 7H PDK	06/13/2015	44.3200	99.0000	191.0000
NEWCASTLE 6 FED COM 7H PDK	06/12/2015	30.4600	73.0000	128.0000
NEWCASTLE 6 FED COM 7H PDK	06/11/2015	33.1600	62.0000	124.0000
NEWCASTLE 6 FED COM 7H PDK	06/10/2015	38.6900	15.0000	126.0000
NEWCASTLE 6 FED COM 7H PDK	06/09/2015	60.7900	0.0000	127.0000
NEWCASTLE 6 FED COM 7H PDK	06/08/2015	24.8700	0.0000	205.0000
NEWCASTLE 6 FED COM 7H PDK	06/07/2015	0.0000	0.0000	133.0000
NEWCASTLE 6 FED COM 7H PDK	06/06/2015	0.0000	0.0000	0.0000
NEWCASTLE 6 FED COM 7H PDK	06/05/2015	0.0000	0.0000	0.0000

Newcastle 6 Federal Com 7H
Production Data

NEWCASTLE 6 FED COM 7H PDK	06/04/2015	0.0000	0.0000	0.0000
NEWCASTLE 6 FED COM 7H PDK	06/03/2015	66.3200	69.0000	134.0000
NEWCASTLE 6 FED COM 7H PDK	06/02/2015	89.8000	101.0000	228.0000
NEWCASTLE 6 FED COM 7H PDK	06/01/2015	77.3400	95.0000	207.0000
Monthly Average:		44.4223	54.7333	147.9000
NEWCASTLE 6 FED COM 7H PDK	05/31/2015	85.6300	86.0000	272.0000
NEWCASTLE 6 FED COM 7H PDK	05/30/2015	99.4400	97.0000	208.0000
NEWCASTLE 6 FED COM 7H PDK	05/29/2015	91.9200	107.0000	225.0000
NEWCASTLE 6 FED COM 7H PDK	05/28/2015	80.3300	91.0000	216.0000
NEWCASTLE 6 FED COM 7H PDK	05/27/2015	99.7300	129.0000	366.0000
NEWCASTLE 6 FED COM 7H PDK	05/26/2015	104.5700	69.0000	212.0000
NEWCASTLE 6 FED COM 7H PDK	05/25/2015	99.7800	113.0000	247.0000
NEWCASTLE 6 FED COM 7H PDK	05/24/2015	127.1100	166.0000	298.0000
NEWCASTLE 6 FED COM 7H PDK	05/23/2015	50.4300	45.0000	143.0000
NEWCASTLE 6 FED COM 7H PDK	05/22/2015	74.6100	69.0000	136.0000
NEWCASTLE 6 FED COM 7H PDK	05/21/2015	100.8600	122.0000	280.0000
NEWCASTLE 6 FED COM 7H PDK	05/20/2015	104.9600	127.0000	284.0000
NEWCASTLE 6 FED COM 7H PDK	05/19/2015	113.2500	123.0000	274.0000
NEWCASTLE 6 FED COM 7H PDK	05/18/2015	111.1800	154.0000	291.0000
NEWCASTLE 6 FED COM 7H PDK	05/17/2015	93.2800	103.0000	223.0000
NEWCASTLE 6 FED COM 7H PDK	05/16/2015	121.5800	160.0000	349.0000
NEWCASTLE 6 FED COM 7H PDK	05/15/2015	137.4800	177.0000	357.0000
NEWCASTLE 6 FED COM 7H PDK	05/14/2015	149.5900	167.0000	373.0000
NEWCASTLE 6 FED COM 7H PDK	05/13/2015	110.8100	133.0000	276.0000
NEWCASTLE 6 FED COM 7H PDK	05/12/2015	115.7500	127.0000	286.0000
NEWCASTLE 6 FED COM 7H PDK	05/11/2015	127.1200	190.0000	430.0000
NEWCASTLE 6 FED COM 7H PDK	05/10/2015	116.0500	132.0000	285.0000
NEWCASTLE 6 FED COM 7H PDK	05/09/2015	130.5700	153.0000	266.0000
NEWCASTLE 6 FED COM 7H PDK	05/08/2015	94.6000	153.0000	350.0000
NEWCASTLE 6 FED COM 7H PDK	05/07/2015	180.9700	186.0000	394.0000
NEWCASTLE 6 FED COM 7H PDK	05/06/2015	118.8600	154.0000	298.0000
NEWCASTLE 6 FED COM 7H PDK	05/05/2015	130.2000	167.0000	354.0000
NEWCASTLE 6 FED COM 7H PDK	05/04/2015	158.5100	169.0000	348.0000
NEWCASTLE 6 FED COM 7H PDK	05/03/2015	132.6400	167.0000	399.0000
NEWCASTLE 6 FED COM 7H PDK	05/02/2015	138.1600	167.0000	316.0000
NEWCASTLE 6 FED COM 7H PDK	05/01/2015	168.6500	214.0000	508.0000
Monthly Average:		115.1168	136.0323	298.8387
NEWCASTLE 6 FED COM 7H PDK	04/30/2015	146.3900	183.0000	354.0000
NEWCASTLE 6 FED COM 7H PDK	04/29/2015	139.5100	166.0000	346.0000
NEWCASTLE 6 FED COM 7H PDK	04/28/2015	155.1300	196.0000	428.0000
NEWCASTLE 6 FED COM 7H PDK	04/27/2015	180.0700	226.0000	501.0000
NEWCASTLE 6 FED COM 7H PDK	04/26/2015	144.7400	201.0000	367.0000
NEWCASTLE 6 FED COM 7H PDK	04/25/2015	168.5600	206.0000	447.0000
NEWCASTLE 6 FED COM 7H PDK	04/24/2015	168.5800	225.0000	466.0000
NEWCASTLE 6 FED COM 7H PDK	04/23/2015	146.3900	160.0000	362.0000
NEWCASTLE 6 FED COM 7H PDK	04/22/2015	176.8400	213.0000	495.0000
NEWCASTLE 6 FED COM 7H PDK	04/21/2015	162.0500	186.0000	359.0000
NEWCASTLE 6 FED COM 7H PDK	04/20/2015	166.2700	231.0000	480.0000
NEWCASTLE 6 FED COM 7H PDK	04/19/2015	189.2800	265.0000	501.0000
NEWCASTLE 6 FED COM 7H PDK	04/18/2015	176.9100	219.0000	466.0000
NEWCASTLE 6 FED COM 7H PDK	04/17/2015	179.5600	248.0000	466.0000
NEWCASTLE 6 FED COM 7H PDK	04/16/2015	188.5200	249.0000	512.0000
NEWCASTLE 6 FED COM 7H PDK	04/15/2015	188.3700	239.0000	521.0000
NEWCASTLE 6 FED COM 7H PDK	04/14/2015	184.1900	234.0000	424.0000
NEWCASTLE 6 FED COM 7H PDK	04/13/2015	184.4500	271.0000	575.0000
NEWCASTLE 6 FED COM 7H PDK	04/12/2015	206.6200	290.0000	582.0000
NEWCASTLE 6 FED COM 7H PDK	04/11/2015	190.5900	217.0000	572.0000
NEWCASTLE 6 FED COM 7H PDK	04/10/2015	210.1200	205.0000	529.0000
NEWCASTLE 6 FED COM 7H PDK	04/09/2015	265.9500	304.0000	659.0000
NEWCASTLE 6 FED COM 7H PDK	04/08/2015	24.9300	33.0000	102.0000
NEWCASTLE 6 FED COM 7H PDK	04/07/2015	226.5900	268.0000	602.0000

Newcastle 6 Federal Com 7H
Production Data

NEWCASTLE 6 FED COM 7H PDK	04/06/2015	228.0200	210.0000	502.0000
NEWCASTLE 6 FED COM 7H PDK	04/05/2015	162.8900	208.0000	491.0000
NEWCASTLE 6 FED COM 7H PDK	04/04/2015	206.3800	226.0000	519.0000
NEWCASTLE 6 FED COM 7H PDK	04/03/2015	224.2400	258.0000	618.0000
NEWCASTLE 6 FED COM 7H PDK	04/02/2015	245.9300	259.0000	637.0000
NEWCASTLE 6 FED COM 7H PDK	04/01/2015	179.7000	237.0000	438.0000
Monthly Average:		180.5923	221.1000	477.3667

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 30-015-42506	² Pool Code 96718	³ Pool Name Loco Hills;Glorieta-Yeso
⁴ Property Code 313489	⁵ Property Name NEWCASTLE 6 FEDERAL COM PDK	⁶ Well Number 7H
⁷ OGRIN No. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3678'

*** Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	1	17-S	29-E		1030	SOUTH	10	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1st	Feet from the	North/South line	Feet from the	East/West line	County
P	6	17-S	30-E		1022	SOUTH	315	EAST	EDDY

11 Dedicated Acres 157.33	12 Joint or Laid	13 Consolidation Code	14 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.

CORNER DATA		H: BRASS CAP 1914		GEODETIC DATA	
NAD 27 GRID - NM EAST		N 675326.5 - E 593844.9		NAD 27 GRID - NM EAST	
A: BRASS CAP "1914"		I: BRASS CAP "1916"		SURFACE LOCATION	
N 675322.5 - E 591203.4		N 680609.7 - E 596011.1		N 676354.2 - E 596464.5	
B: BRASS CAP "1914"		J: BRASS CAP "1916"		LAT: 32 05 58.87" N	
N 677961.6 - E 591198.9		N 680616.9 - E 601650.7		LONG: 104 01 19.89" W	
C: BRASS CAP "1914"		K: BRASS CAP		BOTTOM LOCATION	
N 680599.9 - E 591196.5		N 675356.3 - E 601669.2		N 676339.5 - E 601335.9	
D: BRASS CAP 1914		L: BRASS CAP			
N 680602.4 - E 593835.9		N 675340.1 - E 599029.3			
E: BRASS CAP "1914"					
N 680602.3 - E 596475.6					
F: BRASS CAP "1914"					
N 677961.9 - E 596474.4					
G: BRASS CAP "1914"					
N 675324.2 - E 596474.6					

DETAIL "A"

"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.

3/1/13

Date of Survey

Signature and Seal of Professional Surveyor:

19880

Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3450 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 30-015-42930	² Pool Code 96718	³ Pool Name Loco Hills; Glorieta-Yeso
⁴ Property Code	⁵ Property Name NEWCASTLE 6 FEDERAL COM	
⁷ OGRID No.	⁸ Operator Name COG OPERATING, LLC	
		⁶ Well Number 28H
		⁹ Elevation 3676'

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
P	1	17-S	29-E		330	SOUTH	10	EAST	EDDY

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
P	6	17-S	30-E		330	SOUTH	330	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

<p>¹⁶</p> <p>CORNER DATA NAD 27 GRID - NM EAST A: BRASS CAP "1914" N 675322.5 - E 591200.4 B: BRASS CAP "1914" N 677961.6 - E 591198.9 C: BRASS CAP "1914" N 680599.9 - E 591196.5 D: BRASS CAP 1914 N 680602.4 - E 593835.9 E: BRASS CAP "1914" N 680602.3 - E 596475.6 F: BRASS CAP "1914" N 677961.9 - E 596474.4 G: BRASS CAP "1914" N 675324.2 - E 596474.6</p> <p>GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 675654.1 - E 596464.6 LAT: 32.857063° N LONG: 104.019196° W BOTTOM LOCATION N 675684.2 - E 601338.2</p> <p>DETAIL "A"</p>	<p>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 heretofore entered by the division.</p> <p>Signature _____ Date _____</p> <p>Printed Name _____</p> <p>E-mail Address _____</p> <p>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.</p> <p>3/4/13 Date of Survey</p> <p>Signature and Seal of Professional Surveyor: Robert M. Howett</p> <p>19680 Certificate Number</p> <p>Revised: 1/13/15 NAME</p>
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District I
1625 N French Dr, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
911 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-41584		2 Pool Code 96718		3 Pool Name Loco Hills; Glorieta Yese	
4 Property Code 40051		5 Property Name CHIMAY 6 FEDERAL COM			6 Well Number 25H
7 OGRID No. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3686'
10 Surface Location					
UL or lot no. I	Section 1	Township 17-S	Range 29-E	Lot Idn 2310	Feet from the North/South line SOUTH
				Feet from the East/West line 10	County EDDY
11 Bottom Hole Location If Different From Surface					
UL or lot no. I	Section 6	Township 17-S	Range 30-E	Lot Idn 2301	Feet from the North/South line SOUTH
				Feet from the East/West line 330	County EDDY
12 Dedicated Acres 157.20		13 Joint or Infill		14 Consolidation Code	
				15 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.

		<p>17 OPERATOR CERTIFICATION</p> <p>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.</p> <p>Signature: <i>Kelly J. Holly</i> Date: 11-6-14</p> <p>Printed Name: Kelly J. Holly</p> <p>Email Address: kholly@concho.com</p>
<p>CORNER DATA</p> <p>NAD 27 GRID - NM EAST</p> <p>A: BRASS CAP "1914" N 675322.5 - E 591200.4</p> <p>B: BRASS CAP "1914" N 677961.6 - E 591198.9</p> <p>C: BRASS CAP "1914" N 680599.9 - E 591196.5</p> <p>D: BRASS CAP 1914 N 680602.4 - E 593835.9</p> <p>E: BRASS CAP "1914" N 680602.3 - E 596475.6</p> <p>F: BRASS CAP "1914" N 677961.9 - E 596474.4</p> <p>G: BRASS CAP "1914" N 675324.2 - E 596474.6</p>		<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>Date of Survey: 2/26/13</p> <p>Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i></p> <p>19680</p> <p>Certificate Number</p> <p>Revised: 5/5/14 NAME</p>

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-41585	² Pool Code 96718	³ Pool Name Loco Hills; Glorieta Yeso
⁴ Property Code 40051	⁵ Property Name CHIMAY 6 FEDERAL COM	⁶ Well Number 26H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3683'

¹⁰ Surface Location

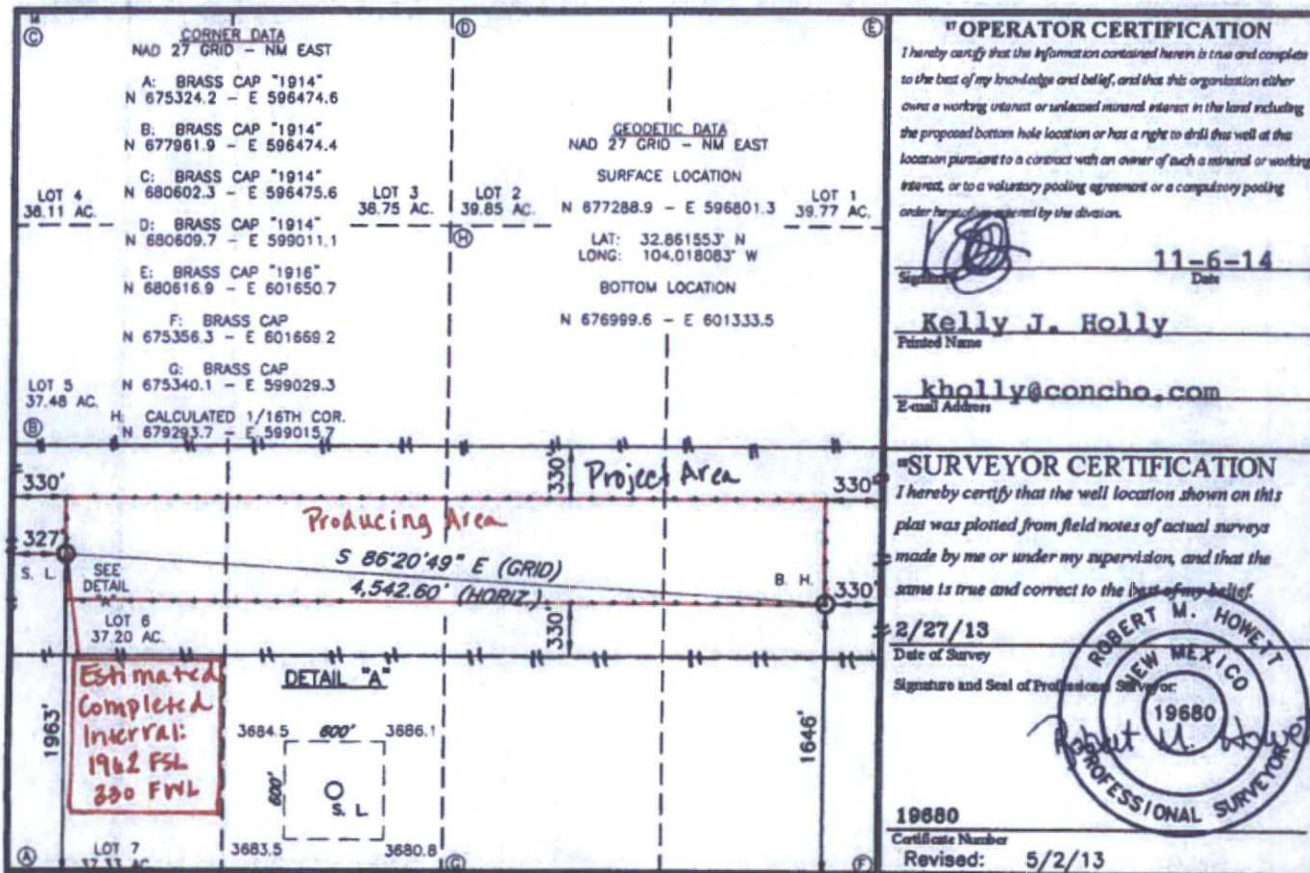
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	6	17-S	30-E		1963	SOUTH	327	WEST	EDDY

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
I	6	17-S	30-E		1646	SOUTH	330	EAST	EDDY

¹² Dedicated Acres 157.20	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.



State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martínez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

David R. Catanach, Division Director
Oil Conservation Division



July 30, 2015

ADMINISTRATIVE OFF-LEASE MEASUREMENT ORDER

**Administrative Order OLM-95
Application Reference No. pJAG1519054605**

COG Operating, LLC
Attention: Ms. Kanicia Castillo

COG Operating, LLC (OGRID 229137) is hereby authorized to transport and measure gas production off-lease, from the following well which produces from the Loco Hills; Glorieta-Yeso Pool (96718) in Eddy County, New Mexico:

Newcastle 6 Federal Com. PDK No. 7H (API No. 30-015-42506), Unit P, Section 1, T-17S, R-29E

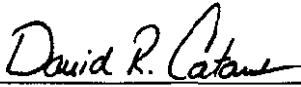
The gas production from this well shall be measured at, and sold from, the Twelve Pack Federal Com. Well No. 4H Central Tank Battery located in Unit E of Section 6, Township 17 South, Range 30 East, NMPM, in Eddy County, New Mexico. All meters for the above-referenced well shall be physically separated from facilities for other wells, so that production from the above-referenced well will not be commingled prior to measurement with production from any other well.

The surface commingling of gas with production from other pools or leases is NOT authorized.

The operator shall notify the Artesia district office of the Division before commencement of Off-Lease Measurement.

The approval is subject to like approval by the United States Bureau of Land Management.

Done at Santa Fe, New Mexico, on July 30, 2015.


DAVID R. CATANACH
Director

DRC/mam

cc: Oil Conservation Division – Artesia
Bureau of Land Management - Carlsbad