

RECEIVED: <u>5/22/2017</u>	REVIEWER: <u>MAM</u>	TYPE: <u>OPC</u>	APP NO: <u>DMAM 714253122</u>
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & 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

Applicant: COG Operating LLC**OGRID Number:** 229137**Well Name:** Burch Keely Unit #215 (Burch Keely Unit 13C Battery)**API:** 30-015-27573**Pool:** Grayburg Jackson; SR-Q-G-SA**Pool Code:** 28509

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location - Spacing Unit - Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☐ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling - Storage - Measurement

☐ DHC☐ CTB☐ PLC☒ MPC☐ OLS☒ GLM

[II] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☐ Offset operators or lease holdersB. ☒ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☐ Notification and/or concurrent approval by SLOE. ☐ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete
☐ Application
 Content
 Complete

3) 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.

Kania Castillo

Print or Type Name

Signature

Date

432.685.4332

Phone Number

kcastillo@concho.com

e-mail Address



Dana King
Regulatory Permitting Technician

RECEIVED OGD

2017 MAY 22 P 2 25

May 19, 2017

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

RE: Request for Off Lease Measurement
Burch Keely Unit 13C/DCP Off-Load Meter No. 742544

Dear Mr. McMillan,

COG Operating LLC respectfully requests approval for Off Lease Gas Measurement at the Burch Keely Unit #13C Battery. The DCP Off-Load Meter No. 742544 is located at the Mary Dodd B Deep Federal Battery, Lease Number NMNM11789X, S14, T17S, R29E. The Mary Dodd B Deep Federal Battery has its own DCP Gas Sales Meter No. 710702.

Please find the following enclosures:

- OCD Administrative Checklist
- OCD Form C107B, Application for Off Lease Measurement
- BKU 13C Battery Site Facility Diagram
- Off Lease Measurement Diagram
- Off Lease Route Map
- Application for Off Lease Measurement Summary
 - Detail of 19 Wells producing to the BKU 13C Battery
 - (Including 2 Future Wells)
- Production (12 Months)
- OCD Form C102, Plats
- Interest Owners Notification Spreadsheet
- BLM Sundry 3160-5

Should you have any questions and/or concerns or require further documentation, please do not hesitate to contact me. Contact information is listed below.

Sincerely,

Dana King
Regulatory Permitting Technician
dking@concho.com
432.818.2267

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.
(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)

(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: Dana King TITLE: Regulatory Permitting Tech DATE: 5/4/2017

TYPE OR PRINT NAME Dana King TELEPHONE NO.: 432.818.2267

E-MAIL ADDRESS: dking@concho.com

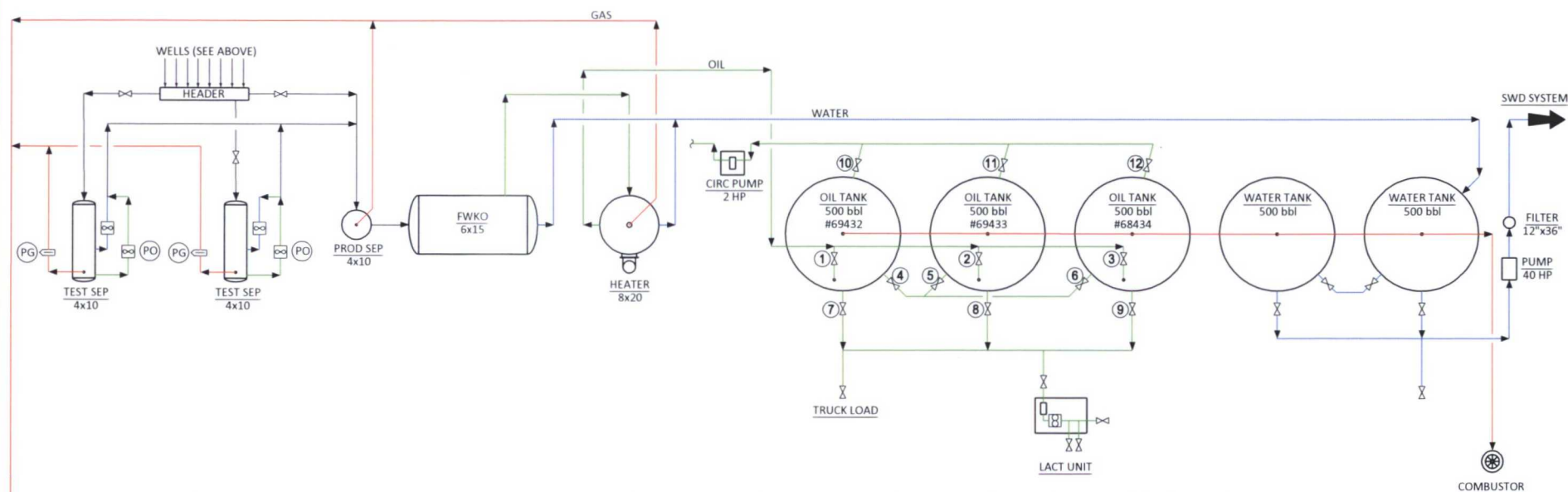
SITE FACILITY DIAGRAM

BKU 13C BATTERY
SECT 13, T17S, R29E
LEASE NO.: NMNM88525X

WELLS:

BURCH-KEELY UNIT #215 - 30-015-27573
BURCH-KEELY UNIT #255 - 30-015-29020
BURCH-KEELY UNIT #35 - 30-015-20378
BURCH-KEELY UNIT #371 - 30-015-33801
BURCH-KEELY UNIT #381 - 30-015-33806
BURCH-KEELY UNIT #543 - 30-015-39565
BURCH-KEELY UNIT #616 - 30-015-38517
BURCH-KEELY UNIT #620 - 30-015-39569
BURCH-KEELY UNIT #621 - 30-015-40325
BURCH-KEELY UNIT #857 - 30-015-40381
BURCH-KEELY UNIT #902 - 30-015-40329

BURCH-KEELY UNIT #905 - 30-015-40540
BURCH-KEELY UNIT #935H - 30-015-42748
BURCH-KEELY UNIT #936H - 30-015-40888
BURCH-KEELY UNIT #937H - 30-015-42759
BURCH-KEELY UNIT #947H - 30-015-40637
BURCH-KEELY UNIT #948H - 30-015-42723
BURCH-KEELY UNIT #954H - 30-015-42240
BURCH-KEELY UNIT #956H - 30-015-42241
BURCH-KEELY UNIT #946H - 30-015- FUTURE
BURCH-KEELY UNIT #955H - 30-015- 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

Ledger for Site Diagram

Produced Fluid: —
Produced Oil: —
Produced Gas: —
Produced Water: —



Location of Site Security Plan:
COG Operating, LLC.
600 W. Illinois
Midland, TX 79701

SITE FACILITY DIAGRAM

DATE: March 8, 2017

DRAWN BY: KHINSHAW

BKU 13C TANK BATTERY

EDDY COUNTY, NEW MEXICO

OFF LEASE MEASUREMENT

BKU 13C Battery to Mary Dodd B Deep Fed Location

SECT 13, T17S, R29E -----> SECT 14, T17S, R29E

LEASE NO.: NMNM88525X -----> LEASE NO.:NMNM11789X



OFF LEASE GAS METER FOR BKU 13C Battery

DCP GAS SALES

METER #742544

32.832154, -104.039495

LEASE NO.: NMNM88525X

Gas Line from BKU 13C Battery



MARY DODD B DEEP FEDERAL

DCP GAS SALES METER

METER #710702

LEASE NO.:NMNM11789X

SECT 14, T17S, R29E

Mary Dodd B Deep Fed #1
API 30-015-29286

PROD SEP
2x10

Production
Tank
300 bbl

WATER TANK
200 bbl

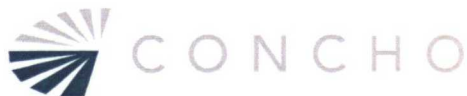
Ledger for Site Diagram

Produced Fluid: —

Produced Oil: —

Produced Gas: —

Produced Water: —



Location of Site Security Plan:

COG Operating, LLC.

600 W. Illinois

Midland, TX 79701

OFF LEASE MEASUREMENT APPLICATION

DATE: April 26, 2017

BKU 13C TANK BATTERY

DRAWN BY:
KHINSHAW

EDDY COUNTY, NEW MEXICO

BKU 13C Battery Off Load Meter

Gas Sales Line from BKU 13C Battery to Mary Dodd B Deep Federal Battery

DCP Meter #742544

Mary Dodd B Deep Fed Battery - NMNM11789X

BKU 13C Battery Unit No. NMNM88525X

Dodd Unit shaded in Green

Burch Keely Unit Shaded in Blue

Google earth

© 2016 Google



500 ft

APPLICATION FOR OFF LEASE MEASUREMENT SUMMARY**Burch Keely Unit 13C Battery****DCP Gas Meter Number 742544**

Located at the Mary Dodd B Deep Federal Battery, Lease NMNM11789X

Burch Keely Unit Number NMNM85525X

COG Operating is requesting Off Lease Measurement for the following wells:

Federal Lease Number NMLC 028784A

Well Name	Location	API #	Pool 28509	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #215	SESW Unit N S13 T17S R29E	30-015-27573	Grayburg Jackson; SR-Q-G-SA	2.6	39.2	36.49	4,417 ✓
Burch Keely Unit #255	SWSW Unit M S13 T17S R29E	30-015-29020	Grayburg Jackson; SR-Q-G-SA	3.4	39.2	24.29	4,417 ✓
Burch Keely Unit #35	SWSW Unit M S13 T17S R29E	30-015-20378	Grayburg Jackson; SR-Q-G-SA	0.8	39.2	15.60	4,417 ✓
Burch Keely Unit #857	SWNW Unit E S24 T17S R29E	30-015-40381	Grayburg Jackson; SR-Q-G-SA	5.5	39.2	31.65	4,417 ✓

(9)

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #381	SWSW Unit M S13 T17S R29E	30-015-33806	BK;Glorieta-Up Yeso	2.8	39.2	40.35	4,417 ✓
Burch Keely Unit #543	NENW Unit C S24 T17S R29E	30-015-39565	BK;Glorieta-Up Yeso	7.9	39.2	72.91	4,417 ✓
Burch Keely Unit #620	SWNW Unit E S24 T17S R29E	30-015-39569	BK;Glorieta-Up Yeso	3.5	39.2	38.24	4,417 ✓
Burch Keely Unit #621	SENW Unit F S24 T17S R29E	30-015-40325	BK;Glorieta-Up Yeso	2.1	39.2	40.88	4,417x ✓
Burch Keely Unit #902	SWNW Unit E S24 T17S R29E	30-015-40329	BK;Glorieta-Up Yeso	4.4	39.2	70.32	4,417 ✓
Burch Keely Unit #905	SWSW Unit M S13 T17S R29E	30-015-40540	BK;Glorieta-Up Yeso	12.8	39.2	58.98	4,417 ✓
Burch Keely Unit #936H	SWSW Unit M S13 T17S R29E	30-015-40888	BK;Glorieta-Up Yeso	55.4	39.2	138.88	4,417 ✓
Burch Keely Unit #954H	NENE Unit A S23 T17S R29E	30-015-42240	BK;Glorieta-Up Yeso	81.0	39.2	99.99	4,417 ✓
Burch Keely Unit #956H	SENE Unit H S23 T17S R29E	30-015-42241	BK;Glorieta-Up Yeso	63.1	39.2	148.3	4,417 ✓

Future:

Burch Keely Unit #955H NWNW Unit D S24 T17S R29E

APD Submitted

Federal Lease Number NMLC 028784B

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #935H	NWSW Unit L S13 T17S R29E	30-015-42748	BK;Glorieta-Up Yeso	73.4	39.2	115.87	4,417 ✓

Future:

Burch Keely Unit #946H NENE Unit A S23 T17S R29E 30-015-44100 BK;Glorieta-Up Yeso ***New, Not Drilled*** ✓

Federal Lease Number NMLC 028784C

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #371	NWSW Unit L S13 T17S R29E	30-015-33801	BK;Glorieta-Up Yeso	2.0	39.2	22.97	4,417 ✓

Federal Lease Number NMLC 028793A

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #937H	SWSW Unit M S13 T17S R29E	30-015-42759	BK;Glorieta-Up Yeso	283.8	39.2	468.83	4,417 ✓

Federal Lease Number NMLC 028793C

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #947H	NENE Unit A S23 T17S R29E	30-015-40637	BK;Glorieta-Up Yeso	23.7	39.2	60.14	4,417
Burch Keely Unit #948H	SENE Unit H S23 T17S R29E	30-015-42723	BK;Glorieta-Up Yeso	101.3	39.2	165.61	4,417

Federal Lease Number NMLC 054406

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #616	NWNW Unit D S24 T17S R29E	30-015-38517	BK; Glorieta-Up Yeso	5.9	39.2	88.00	4,417

APPLICATION FOR OFF LEASE MEASUREMENT

Burch Keely Unit 13C Battery
DCP Gas Meter Number 742544

DESCRIPTION: During normal operations, gas produced from the BKU 13C battery is sold on location to Frontier Gas Sales meter #6631235 on Lease NMNM88525X. If Frontier has pipeline or plant problems, the gas is off-loaded to DCP meter #742544 Lease NMNM11789X located approximately 1250 ft NW of the BKU 13C Tank Battery on the Mary Dodd B Deep Fed #1 Location.

A site diagram for the off lease measurement is attached.

Production Summary Report

API: 30-015-27573

BURCH KEELY UNIT #215

Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Mar	64	1651	134	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Apr	61	1589	107	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	May	77	1578	125	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jun	61	1547	120	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jul	60	1333	154	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Aug	56	888	151	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Sep	55	866	134	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Oct	54	785	128	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Nov	50	722	126	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Dec	55	759	138	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jan	168	878	498	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Feb	167	740	492	28	0	0	0	0	0

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) 476-3460 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 30-015-27573	² Pool Code 28509	³ Pool Name Grayburg Jackson; SR-Q-G-SA
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit	⁶ Well Number 215
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁹ Elevation 3615'

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
N	13	17S	29E		1295	South	1345	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

¹² Dedicated Acres 40	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.

	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. <i>Dana King</i> 04/27/2017 Signature Date Dana King Printed Name dking@concho.com E-mail Address		
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor		
	Certificate Number		

Production Summary Report
API: 30-015-29020
BURCH KEELY UNIT #255
Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Mar	97	446	67	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Apr	83	451	50	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	May	39	601	31	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jun	31	589	30	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jul	66	788	78	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Aug	84	761	90	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Sep	105	859	107	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Oct	162	1036	154	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Nov	151	955	151	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Dec	167	995	167	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jan	136	743	105	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Feb	119	647	86	28	0	0	0	0	0

District I
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Phone: (575) 393-6161 Fax: (575) 393-0720
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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 30-015-29020	² Pool Code 28509	³ Pool Name Grayburg Jackson; SR-Q-G-SA
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit	⁶ Well Number 255
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁹ Elevation 3614'

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
M	13	17S	29E		1295	South	330	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

¹² Dedicated Acres 40	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.

¹⁶ 	¹⁷ OPERATOR CERTIFICATION <i>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.</i> 04/27/2017 Signature Date Dana King Printed Name dking@concho.com E-mail Address			
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i> Date of Survey Signature and Seal of Professional Surveyor:			
	Certificate Number			

Production Summary Report

API: 30-015-20378

BURCH KEELY UNIT #035

Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Mar	26	14	33	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Apr	24	13	27	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	May	26	13	31	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jun	25	59	36	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jul	19	157	82	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Aug	15	95	91	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Sep	14	92	81	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Oct	12	84	77	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Nov	13	938	92	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Dec	19	1443	114	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jan	55	1453	127	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Feb	48	1271	107	28	0	0	0	0	0

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

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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-20378	² Pool Code 28509	³ Pool Name Grayburg Jackson; SR-Q-G-SA
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit	⁶ Well Number 35
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁹ Elevation 3608'

¹⁰ Surface Location

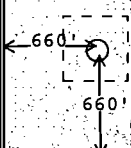
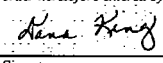
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	17S	29E		660	South	660	West	Eddy

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
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¹² Dedicated Acres 40	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.

					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.  04/27/2017 Signature Date Dana King Printed Name dking@concho.com E-mail Address
					¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor
					Certificate Number

Production Summary Report

API: 30-015-40381

BURCH KEELY UNIT #857

Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Mar	150	828	654	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Apr	140	905	782	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	May	188	1025	843	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jun	161	1121	891	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jul	126	1096	1000	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Aug	188	1172	948	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Sep	164	959	752	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Oct	234	994	799	31	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Nov	242	926	812	30	0	0	0	0	0
2016	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Dec	138	894	773	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Jan	137	872	711	31	0	0	0	0	0
2017	[28509] GRAYBURG JACKSON;SR-Q-G-SA	Feb	136	769	574	28	0	0	0	0	0

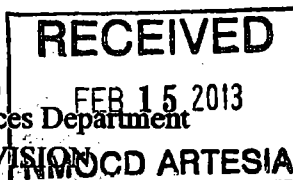
DISTRICT I
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40381	Pool Code 28509	Pool Name Grayburg Jackson;SR-Q-GB-SA
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 857
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3595'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	24	17-S	29-E		1493	NORTH	752	WEST	EDDY

Bottom Hole Location If Different From Surface

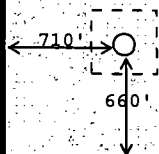
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

DETAIL 3599.7' 3593.2' 3596.6' 3592.9' 600' 600' 1493' 752' SEE DETAIL GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=663274.1 N X=591983.9 E LAT.=32.823070° N LONG.=104.033901° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 2/11/13 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 17, 2012 Date of Survey Signature & Seal of Professional Surveyor:
	Certificate Number 3239 Professional Surveyor AP
	3239 Feb 17, 2012 12641 3239 12.11.0248

Production Summary Report
API: 30-015-33806
BURCH KEELY UNIT #381
Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	97	1468	33	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	91	1412	27	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	106	1325	61	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	61	1130	120	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	45	1330	108	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	28	1205	90	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	35	1190	82	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	135	1261	103	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	125	1162	101	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	138	1219	110	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	118	1146	120	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	48	902	150	28	0	0	0	0	0



Production Summary Report

API: 30-015-39565

BURCH KEELY UNIT #543

Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	342	2544	313	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	332	2348	305	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	304	2515	345	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	161	2545	193	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	102	2628	289	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	84	2695	332	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	330	2514	557	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	370	2320	568	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	226	1730	50	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	233	1756	274	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	220	1611	457	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	190	1455	379	28	0	0	0	0	0

DISTRICT I
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DISTRICT II
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Phone: (505) 744-1281 Fax: (505) 744-9720

DISTRICT III
1800 Mac Lennan Blvd., Artesia, NM 88210
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DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-1460 Fax: (505) 476-3462

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

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Revised August 1, 2011
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DAMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-39565	Pool Code 97918	Pool Name Burch Keely; Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 543
UGRID No 229137	Operator Name COG OPERATING, LLC	Elevation 3604'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	24	17-S	29-E		125	NORTH	1370	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	17-S	29-E		19	SOUTH	1282	WEST	EDDY
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No						

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

	GEODETIC COORDINATES NAD 77 NME SURFACE LOCATION Y=664643.0 N X=592598.9 E LAT.=32.826828° N LONG.=104.031886° W	DETAIL 3610.6' 3606.1' 500' 3598.8' 3603.9'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 1/29/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
	BOTTOM HOLE LOCATION Y=664777.9 N X=592523.5 E	CORNER COORDINATE TABLE A - Y=666084.2 N; X=591225.5 E B - Y=666087.4 N; X=592545.3 E C - Y=666090.6 N; X=593865.1 E D - Y=664770.9 N; X=593867.9 E E - Y=663451.9 N; X=593872.0 E F - Y=663448.8 N; X=592551.8 E G - Y=663445.6 N; X=591231.7 E H - Y=664765.0 N; X=591228.9 E I - Y=664768.0 N; X=592548.4 E	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. OCTOBER 17, 2012 Date of Survey Signature & Seal of Professional Surveyor Gary G. Eidson 12641 Registered Professional Surveyor 3239 1158 Rd W. Clarksburg, W. Va. 26301

Production Summary Report
API: 30-015-39569
BURCH KEELY UNIT #620
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	169	1741	559	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	77	1021	373	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	133	1163	662	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	132	1278	658	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	93	1296	448	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	84	1380	454	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	83	1213	381	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	91	1085	369	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	100	955	377	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	110	1003	414	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	110	977	381	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	89	874	345	28	0	0	0	0	0

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-39569	² Pool Code 97918	³ Pool Name Burch Keely; Glorieta-Upper Yeso
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit	
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁶ Well Number 620
		⁹ Elevation 3593'

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
E	24	17S	29E		1870	North	730	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
¹² Dedicated Acres 40	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.

	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. <i>Dana King</i> 04/28/2017 Signature: _____ Date: _____ Printed Name: Dana King E-mail Address: dking@concho.com ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____
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Production Summary Report
API: 30-015-40325
BURCH KEELY UNIT #621
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	105	1244	35	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	102	1149	34	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	71	1257	34	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	53	1372	31	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	56	1414	31	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	56	1395	30	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	55	1361	27	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	54	1233	26	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	50	1136	25	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	55	1193	28	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	55	1162	25	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	48	1017	21	28	0	0	0	0	0

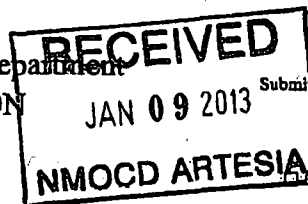
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RECOMMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40325	Pool Code 97918	Pool Name Burch Keely;Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 621
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3597'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	24	17-S	29-E		2042	NORTH	1531	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	24	17-S	29-E		1982	NORTH	1308	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

GRID AZ.=285°33'24" HORZ. DIST.=229.6' 1308' 1531' B.H. SEE DETAIL 2042' 3593.2' 3593.0' 600' 3597.0' 3602.2'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unless mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Chasity Jackson</i> 12/17/12 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. OCTOBER 3, 2011 Date of Survey Signature & Seal of Professional Surveyor: <i>GARY G. EIDSON</i> GARY G. EIDSON 12641 Professional Surveyor Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS WSC W.O.: 10.11.1440
CORNER COORDINATES TABLE Ⓐ - Y=664765.0 N, X=591228.9 E Ⓑ - Y=664770.9 N, X=593867.9 E Ⓒ - Y=662126.3 N, X=591234.5 E Ⓓ - Y=662132.8 N, X=593876.1 E	

Production Summary Report
API: 30-015-40329
BURCH KEELY UNIT #902
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	169	2009	212	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	102	1863	102	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	176	2096	287	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	158	2307	282	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	167	2865	190	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	131	2649	197	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	55	2258	27	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	97	2064	103	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	125	1910	176	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	138	2005	193	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	137	1955	178	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	140	1716	202	28	0	0	0	0	0

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

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

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



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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40329	Pool Code 97918	Pool Name Burch Keely; Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 902
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3604'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	24	17-S	29-E		1359	NORTH	213	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

SEE DETAIL DETAIL 3604.5' 3600.1' 600' 3592.7' 3595.2' GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=663406.9 N X=591444.6 E LAT.=32.823439° N LONG.=104.035655° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereinafter entered by the division. <i>C. Jackson</i> 10/9/12 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 14, 2012 Date of Survey Signature & Seal of Professional Surveyor: Gary G. Eidson 12641 Certificate Number Ronald J. Eidson 3239 Professional Surveyor W.O. 12.13.0356

Production Summary Report
API: 30-015-40540
BURCH KEELY UNIT #905
Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	369	2212	208	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	285	1952	140	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	137	947	60	14	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	0	0	0	0	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	0	0	0	0	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	208	1797	114	23	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	320	2037	280	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	324	1626	205	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	320	1376	385	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	483	1471	1130	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	631	1479	2182	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	549	1295	1839	28	0	0	0	0	0

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

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Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40540	Pool Code 97918	Pool Name Burch Keely;Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 905
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3611'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	17-S	29-E		330	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

GEODETTIC COORDINATES NAD 27 NME SURFACE LOCATION Y=665095.6 N X=591558.0 E LAT.=32.828080° N LONG.=104.035271° W DETAIL 3610.8' 3615.0' 3608.5' 3606.0' SEE DETAIL	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>C. Jackson</i> 2/3/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. JANUARY 18, 2012 Date of Survey Signature of Professional Surveyor: <i>Ronald J. Eidson</i> NEW MEXICO 3239 Professional Surveyor Certification Number: 3239 Professional Surveyor: Ronald J. Eidson 12641 AF REV: 4/24/12 JWSC W.O.: 12.13.0355

Production Summary Report
API: 30-015-40888
BURCH KEELY UNIT #936H
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	2293	9373	2400	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	1698	6406	1613	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	1560	5111	1305	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	1537	2998	1929	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	1504	1925	2358	24	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	1247	642	6504	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	1824	1797	5283	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	1979	5784	4469	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	1782	4933	4012	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	1553	3971	2238	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	1474	4167	1877	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	1360	3121	1946	28	0	0	0	0	0

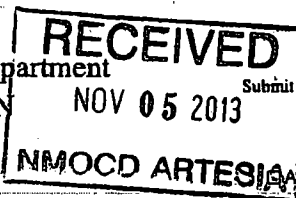
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Revised August 1, 2011
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40888		Pool Code 97918	Pool Name Burch Keely;Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT		Well Number 936H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3614'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	17-S	29-E		990	SOUTH	330	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	13	17-S	29-E		959	SOUTH	352	EAST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

CORNER COORDINATES TABLE Ⓐ - Y=666084.2 N, X=591225.5 E Ⓑ - Y=666096.9 N, X=596505.0 E Ⓒ - Y=664765.0 N, X=591228.9 E Ⓓ - Y=664776.8 N, X=596506.9 E GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=665755.5 N X=591556.3 E BOTTOM HOLE LOCATION LAT.=32.829894° N LONG.=104.035270° W Y=665765.8 N X=596175.6 E GRID. AZ.=89°52'18" HORIZ. DIST.=4620.4' SEE DETAIL	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Chasity Jackson</i> 10/16/13 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 13, 2012 Date of Survey Signature of Registered Professional Surveyor <i>Ronald J. Eidson</i> 02/03/2012 Professional Surveyor NEW MEXICO 3239 Certificate Number 12541 Professional Surveyor J. Eidson 3239 DSR Ref. WO#12.19.1386 JWSC W.O.: 12.13.1386
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Production Summary Report
API: 30-015-42240
BURCH KEELY UNIT #954H
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	3280	1542	3577	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	2286	1558	2388	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	2001	1587	2890	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	1799	1452	1754	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	1140	911	2365	21	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	1619	1041	8918	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	3134	4102	7198	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	3312	4540	6642	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	2735	4008	4505	25	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	2545	4222	4103	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	2122	3836	4156	28	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	2254	5740	4444	28	0	0	0	0	0

Energy
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 426-4400 Fax: (505) 426-4402
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OIL CONSERVATION DIVISION
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NM OIL CONSERVATION
 ARTESIA DISTRICT

JUN 11 2015

Form C-102

Revised August 1, 2011

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42240		² Pool Code 97918		³ Pool Name Burch Keely;Glorieta-Upper Yeso	
⁴ Property Code 308086		⁵ Property Name BURCH KEELY UNIT		⁶ Well Number 954H	
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3803'	

" Surface Location

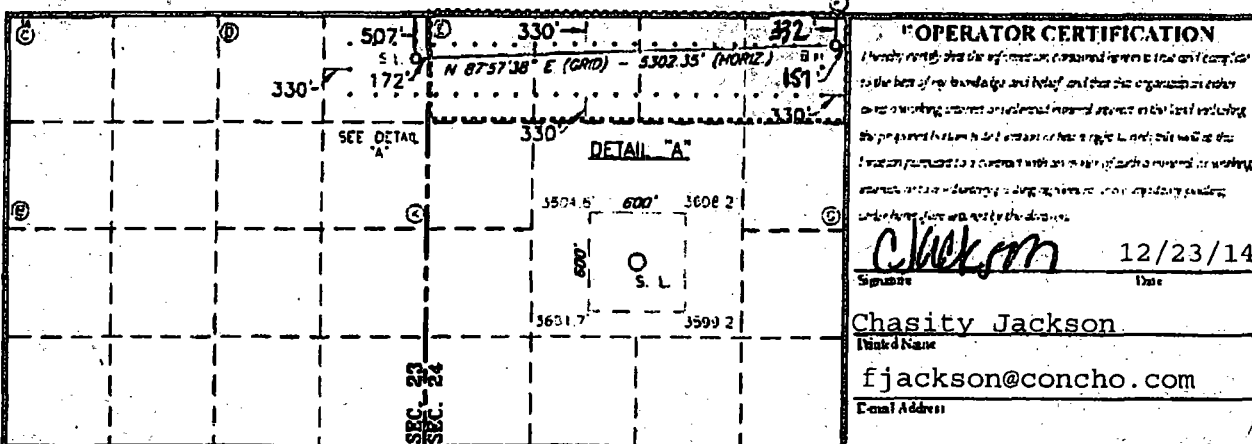
U.I. or loc no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
A	23	17-S	29-E		507	NORTH	172	EAST	EDDY

" Bottom Hole Location If Different From Surface

U.I. or loc no.	Section	Township	Range	Lot Idn	Feet from the	North-South line	Feet from the	East-West line	County
A	24	17-S	29-E		332	NORTH	157	EAST	EDDY

¹⁰ Dedicated Acres 160	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



" OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that this organization is either a duly organized and existing corporation or partnership, and that the person or persons named herein are duly authorized to execute this document.

Signature: *Chasity Jackson* Date: 12/23/14

Printed Name: Chasity Jackson

Email Address: fjackson@concho.com

" 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.

4/8/13 Date of Survey

Signature and Seal of Professional Surveyor

Robert M. Hovett
 19680
 PROFESSIONAL SURVEYOR

19680 Certificate Number

REVISED 8/13/13 B.M. LOCATION

CORNER DATA
 NAD 27 GRID - NM EAST
 A. END USGLO BC 1914
 N 559481.4 - E 585955.7
 B. END USGLO BC 1914
 N 562121.7 - E 585955.6
 C. END USGLO BC 1914
 N 564780.0 - E 585955.4
 D. END 1" REBAR
 N 564763.0 - E 585955.3
 E. END 1" STEEL PIPE
 N 564765.2 - E 585955.9
 F. END USGLO BC 1914
 N 564777.0 - E 585955.9
 G. END USGLO BC 1914
 N 562139.5 - E 585957.0
 H. END 3" STEEL PIPE
 N 559503.6 - E 585952.9

GEOGRAPHIC DATA
 NAD 27 GRID - NM EAST
SURFACE LOCATION
 N 564258.1
 E 591058.0
 LAT 32 525780" N
 LONG 104 035910" W
BOTTOM LOCATION
 N 564446.1
 E 586155.7

CORNER DATA
 NAD 27 GRID - NM EAST
 I. END 1" REBAR
 N 559498.4 - E 593884.4
 J. END GALVANIZED PIPE
 N 559489.0 - E 591233.3
 K. END 1" IRON PIPE
 N 562126.5 - E 591234.4

Production Summary Report

API: 30-015-42241

BURCH KEELY UNIT #956H

Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	1866	3066	2985	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	1791	2993	2328	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	2027	3549	2113	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	2111	5211	4185	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	2588	8861	5891	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	2223	6310	4929	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	1891	4764	4165	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	2015	4560	4086	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	1736	3977	3495	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	1680	3875	3174	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	1674	3778	2918	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	1455	3306	2460	28	0	0	0	0	0

District I
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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 30-015-42241	² Pool Code 97918	³ Pool Name Burch Keely; Glorieta-Upper Yeso
⁴ Property Code 308086	⁵ Property Name BURCH KEELY UNIT	⁶ Well Number 956H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3592'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	17-S	29-E		1650	NORTH	165	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	24	17-S	29-E		1648	NORTH	266	EAST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
160			

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

		" 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 accepted pooling order heretofore created by the division. <i>Chasity Jackson</i> Signature Date 7/30/14 Chasity Jackson Printed Name cjackson@concho.com Email Address
CORNER DATA NAD 27 GRID - NM EAST A: FND USGLO BC 1914 N 659481.4 - E 585964.7 B: FND USGLO BC 1914 N 662121.2 - E 585955.6 C: FND USGLO BC 1914 N 664760.6 - E 585945.4 D: FND 1/2" REBAR N 664763.0 - E 588586.3 E: FND 1" STEEL PIPE N 664765.2 - E 591228.9 F: FND 3/4" IRON PIPE N 662126.5 - E 591234.4 G: FND 2" GALVANIZED PIPE N 659489.0 - E 591239.3	GEOGRAPHIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 663115.5 - E 591067.4 LAT: 32.822641° N LONG: 104.036886° W BOTTOM LOCATION N 663126.9 - E 596300.8	" 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. 5/13/13 Date of Survey <i>Robert M. Howett</i> Signature and Seal of Professional Surveyor 19680 Certificate Number REVISED 8/19/13 B.H. LOCATION

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) 476-3460 Fax: (505) 476-3462

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

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Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name BURCH KEELY UNIT	⁶ Well Number 955H
⁷ OGRID No.	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3602'

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
D	24	17-S	29-E		1035	NORTH	222	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
1	19	17-S	30-E		990	NORTH	350	WEST	EDDY

¹² Dedicated Acres	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.

		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. Signature _____ Date _____ Printed Name _____ E-mail Address _____
CORNER DATA NAD 27 GRID - NM EAST A: FND 2" GALVINIZED IP N 659489.0 - E 591239.3 B: FND 3/4" IP N 662126.5 - E 591234.4 C: FND 1" STEEL PIPE W/1/2" RBR INSIDE N 664765.2 - E 591228.9 D: FND USGLO BC 1914 N 664777.0 - E 596506.9 E: FND USGLO BC 1914 N 662139.5 - E 596521.0 F: 2 1/2" STL PIPE BC BROKE OFF N 659503.6 - E 596529.8 G: FND 1/2" RBR @ FNC LN N 659496.4 - E 593884.4 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 663730.9 E 591453.1 LAT: 32.82432923° N LONG: 104.03562481° W BOTTOM LOCATION N 663788.5 E 596862.1 CORNER DATA NAD 27 GRID - NM EAST H: FND BLM BC 1997 N 664786.3 - E 599063.9 I: FND USGLO BC 1916 N 664796.5 - E 601705.4 J: FND BLM BC 1990 N 662157.0 - E 601714.7 K: FND USGLO BC 1916 N 659517.6 - E 601723.6 L: FND USGLO BC 1916 N 659510.7 - E 599083.1		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. 5/7/13 Date of Survey Signature and Seal of Professional Surveyor 19680 Certificate Number REVISED: OCT. 25, 2013 B.H.: LOC.

Production Summary Report
API: 30-015-42748
BURCH KEELY UNIT #935H
Printed On: Thursday, April 20 2017

Year	Pool	Production					Injection				
		Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	1997	783	3197	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	2031	708	2713	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	2319	791	2394	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	2151	885	3605	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	2293	932	3392	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	2296	919	3319	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	2333	4408	3093	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	2347	5914	3029	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	2252	6222	2933	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	2385	6771	3252	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	2071	6478	2924	30	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	2213	6926	3174	28	0	0	0	0	0

NM OIL CONSERVATION

ARTESIA DISTRICT

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-42748	Pool Code 97918	Pool Name Burch Keely; Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 935H
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3619'
Surface Location		
Section L	Township 13	Range 17-S
Section 13	Range 29-E	Section 18
Feet from the 1650'	North-South Line SOUTH	Feet from the 200'
East-West Line WEST	County EDDY	
Bottom Hole Location If Different From Surface		
Section L	Township 18	Range 17-S
Section 18	Range 30-E	Section 18
Feet from the 1668'	North-South Line SOUTH	Feet from the 341'
East-West Line WEST	County EDDY	
Dedicated Acres 197.41	Joint or Torrid	Consolidation Code
Order No.		

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

		OPERATOR 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 in the best of my belief. Signed: <i>C. Jackson</i> 3/10/15 Chasity Jackson E-mail Address: <i>cjackson@concho.com</i>
CORNER DATA NAD 27 GRID - NM EAST A. FND 1" STEEL PIPE W/1/2" RBR INSIDE N 664765.2 - E 591228.9 B. FND 1 1/2" STL P.P.E. BENT OVER W/BC BROKE OFF N 667433.0 - E 591272.1 C. FND USGLO BC 1914 N 670041.9 - E 591216.3 D. FND USGLO BC 1914 N 670048.4 - E 593857.0 E. FND USGLO BC 1914 N 670054.6 - E 596494.2 F. FND USGLO BC 1914 N 667417.3 - E 596503.3 G. FND USGLO BC 1914 N 664777.0 - E 596506.9 H. FND USGLO BC 1916 N 670064.7 - E 599047.3	CORNER DATA NAD 27 GRID - NM EAST I. FND BLU BC 1997 N 664786.3 - E 599063.9 J. FND USGLO BC 1916 N 670076.5 - E 601687.2 K. FND USGLO BC 1916 N 667437.1 - E 601696.3 L. FND USGLO BC 1916 N 664796.5 - E 601705.4	GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 666415.3 - E 591474.7 LAT. N 32 831708" LONG. W 104 036927" BOTTOM LOCATION N 666427.8 - E 596834.6
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 in the best of my belief. Date of Survey: 6/07/13 Signature and Seal of Professional Surveyor:

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) 476-3460 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		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name BURCH KEELY UNIT			⁶ Well Number 946H
⁷ GRID NO.		⁸ Operator Name COG OPERATING, LLC			⁹ Elevation 3602'

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
A	23	17S	29E		487	NORTH	342	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
D	23	17S	29E		330	NORTH	10	WEST	EDDY

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

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

CORNER DATA
NAD 27 GRID - NM EAST
A: FND USGLO BC 1914
N 659481.4 - E 585964.7
B: FND USGLO BC 1914
N 662121.2 - E 585955.6
C: FND USGLO BC 1914
N 664760.6 - E 585945.4
D: FND 1/2" REBAR
N 664763.0 - E 588586.3
E: FND 1" STEEL PIPE
N 664765.2 - E 591228.9
F: FND 3/4" IRON PIPE
N 662126.5 - E 591234.4
G: FND 2" GALVANIZED PIPE
N 659489.0 - E 591239.3

GEODETIC DATA
NAD 27 GRID - NM EAST
SURFACE LOCATION
N: 664278.0 - E: 590888.0
LAT: 32.82583757° N
LONG: 104.03745923° W
BOTTOM HOLE
N: 664430.7 - E: 585956.7
LAT: 32.82629407° N
LONG: 104.05351109° W

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.

Signature _____ Date _____
Printed Name _____
E-mail Address _____

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.

5/6/2013
Date of Survey
Signature and Seal of Professional Surveyor _____

19680
Certificate Number
3/23/17 BH CHANGE

Production Summary Report

API: 30-015-33801

BURCH KEELY UNIT #371

Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	32	1127	100	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	30	1084	80	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	39	1077	94	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	30	1056	90	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	43	861	57	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	56	507	30	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	55	495	27	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	54	448	26	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	50	413	25	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	55	434	27	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	127	558	124	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	143	485	128	28	0	0	0	0	0

District I
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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

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Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-33801	² Pool Code 97918	³ Pool Name Burch Keely; Glorieta-Upper Yeso
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit	⁶ Well Number 371
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	⁹ Elevation 3624'

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
L	13	17S	29E		1900	South	660	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

¹² Dedicated Acres 40	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.

Diagram showing well location with dimensions 660' and 1900'.	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. Signature: <u>Dana King</u> Date: <u>04/27/2017</u> Printed Name: <u>Dana King</u> E-mail Address: <u>dking@concho.com</u>			
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____			

Production Summary Report
API: 30-015-42759
BURCH KEELY UNIT #937H
Printed On: Thursday, April 20 2017

		Production					Injection				
Year	Pool	Month	Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	12885	14338	24572	27	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	11733	17884	17010	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	8909	16699	12838	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	7018	13306	9679	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	6909	13032	9388	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	6265	11883	7543	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	4820	10324	5539	28	0	0	0	0	0

Address I:
1625 N. Branch Dr., Hobbs, NM 88249
Phone (505) 393-6281 Fax (505) 394-0730

Address II:
211 S. First St., Artesia, NM 88210
Phone (505) 748-1293 Fax (505) 748-2720

Address III:
1000 Rio Brazos Road, Artesia, NM 88210
Phone (505) 734-6178 Fax (505) 734-6166

Address IV:
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3450 Fax (505) 476-3462

State of New Mexico
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Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42759		² Pool Code 97918		³ Pool Name Burch Keely-Glorieta-Upper Yeso	
⁴ Property Code 308086		⁵ Property Name BURCH KEELY UNIT			⁶ Well Number 937H
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING, LLC			⁹ Elevation 3610

10 Surface Location

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	13	17-S	29-E		330	SOUTH	200	WEST	EDDY

11 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
M	18	17-S	30-E		348	SOUTH	330	WEST	EDDY

¹² Dedicated Acres 197.43	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.

		16 OPERATOR CERTIFICATION I hereby certify that the information furnished herein is true and complete to the best of my knowledge and belief, and that this organization is either owner, working interest or sole 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 a valid royalty pooling agreement, or a compulsory pooling order heretofore entered by the district. <i>Kanicia Castillo</i> 8/24/16 Signature Date Kanicia Castillo Printed Name kcastillo@concho.com E-mail Address
17 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. 7/3/13 Date of Survey <i>Robert M. Howell</i> Signature and Seal of Professional Surveyor 19680 Certificate Number REVISED: 6 AUG. 2013		18 CORNER DATA NAD 27 GRID - NM EAST A: FND 1" STEEL PIPE W/1/2" RBR INSIDE N 664765.2 - E 591228.9 B: FND 1 1/2" STL PIPE BENT OVER W/BC BROKE OFF N 667403.0 - E 591222.1 C: FND USGLO BC 1914 N 670041.9 - E 591216.3 D: FND USGLO BC 1914 N 670048.4 - E 593857.0 E: FND USGLO BC 1914 N 670054.6 - E 596494.2 F: FND USGLO BC 1914 N 667417.3 - E 596503.3 G: FND USGLO BC 1914 N 664777.0 - E 596506.9 19 CORNER DATA NAD 27 GRID - NM EAST H: FND USGLO BC 1916 N 670064.7 - E 599047.3 I: FND USGLO BC 1916 N 670076.5 - E 601687.3 J: FND USGLO BC 1916 N 667437.1 - E 601696.3 K: FND USGLO BC 1916 N 664756.5 - E 601705.4 L: FND BLV BC 1997 N 664756.1 - E 599063.9 20 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 665095.6 - E 591428.1 LAT: 32.82808063° N LONG: 104.03569346° W BOTTOM LOCATION N 665108.6 - E 596971.4

Production Summary Report
API: 30-015-40637
BURCH KEELY UNIT #947H
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	290	277	522	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	543	681	1212	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	1199	2643	3219	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	857	2332	2039	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	784	2670	1700	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	788	2412	1550	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	795	2227	1478	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	935	2808	1660	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	832	2454	1513	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	578	1219	856	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	576	1189	787	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	485	1087	696	28	0	0	0	0	0

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) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40637	Pool Code 97918	Pool Name Burch Keely-Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	Well Number 947H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3603'

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	23	17-S	29-E		990	NORTH	330	EAST	EDDY

Bottom Hole Location-If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	17-S	29-E		943	NORTH	347	WEST	EDDY
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

CORNER COORDINATES TABLE ① - Y=664760.5 N, X=585945.4 E ② - Y=664765.0 N, X=591228.9 E ③ - Y=663440.8 N, X=585950.5 E ④ - Y=663445.6 N, X=591231.7 E GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=663775.0 N X=590901.0 E LAT.=32.824455° N LONG.=104.037421° W BOTTOM HOLE LOCATION Y=663771.1 N X=586279.1 E	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>C. Jackson</i> 2/12/13 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 14, 2012 Date of Survey <i>Ronald J. Eidson</i> Signature of Registered Professional Surveyor NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 3239 Certificate Number: 12641 Ronald J. Eidson 3239 DSR Ref: WO#12.13.1107 JWSC W.O.: 12.13.1387
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Production Summary Report
API: 30-015-42723
BURCH KEELY UNIT #948H
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	3782	4543	7563	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	3611	5290	8173	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	3720	6473	7063	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	3088	5144	5513	29	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	3673	6990	6404	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	3612	6508	6072	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	3278	5953	5029	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	2900	4659	4061	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	2638	3880	3678	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	2664	3996	4145	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	2035	3704	3989	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	1960	3258	3262	28	0	0	0	0	0

District I
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NM OIL CONSERVATION
 State of New Mexico DISTRICT
 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

AP# Number 30-015-42723	Pool Code 97918	Pool Name Burch Keely; Glorieta-Upper Yeso
Property Code 308086	Property Name BURCH KEELY UNIT	
OCRID No. 229137	Operator Name COG OPERATING, LLC	
		Well Number 948H
		Elevation 3592'

" Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
H	23	17-S	29-E		1630	NORTH	335	EAST	EDDY

" Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
E	23	17-S	29-E		1678	NORTH	361	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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.

DETAIL "A" CORNER DATA NAD 27 GRID - NM EAST A: FND USGLO BC 1914 N 659481.4 - E 585984.7 B: FND USGLO BC 1914 N 682121.2 - E 585955.6 C: FND USGLO BC 1914 N 684760.6 - E 585945.4 D: FND 1" REBAR N 664763.0 - E 588586.3 E: FND 1" STEEL PIPE N 664765.2 - E 581278.9 F: FND 3/4" IRON PIPE N 662126.5 - E 591234.4 G: FND 2" GALVANIZED PIPE N 659489.0 - E 591239.3 GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 663135.3 E 590897.3 LAT. 32.822696° N LONG 104.037439° W BOTTOM LOCATION N 663111.3 E 586281.6	" 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 the location pursuant to a contract with an owner of such a mineral or working interest, or is a voluntary pooling agreement or a compulsory pooling under hereinafter entered by the division. 11/30/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address "SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. 5/13/13 Date of Survey Signature and Seal of Registered Professional Surveyor 19680 Certificate Number
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Production Summary Report
API: 30-015-38517
BURCH KEELY UNIT #616
Printed On: Thursday, April 20 2017

Year	Pool	Month	Production				Injection				
			Oil(BBLS)	Gas(MCF)	Water(BBLS)	Days P/I	Water(BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Mar	162	2338	305	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Apr	137	2510	555	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	May	286	2711	752	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jun	263	2993	689	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jul	148	3679	267	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Aug	203	3727	533	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Sep	109	2753	242	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Oct	157	2513	320	31	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Nov	176	2349	377	30	0	0	0	0	0
2016	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Dec	194	2338	247	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Jan	192	2298	228	31	0	0	0	0	0
2017	[97918] BURCH KEELY;GLORIETA-UPPER YESO	Feb	153	1982	218	28	0	0	0	0	0

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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 30-015-38517		² Pool Code 97918	³ Pool Name Burch Keely; Glorieta-Upper Yeso
⁴ Property Code 308086	⁵ Property Name Burch Keely Unit		⁶ Well Number 616
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC		⁹ Elevation 3598'

¹⁰ Surface Location

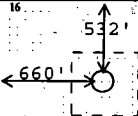
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	24	17S	29E		532	North	660	West	Eddy

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

¹² Dedicated Acres 40	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.

¹⁶ 		

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.

Dana King 04/28/2017

Signature _____ Date _____

Dana King

Printed Name _____

dking@concho.com

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

BKU 13C

Owner Notification

5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Wiley C. Rountree 703 Centre Ave Artesia, NM 88210 GC #: 91-7199-9991-7037-9388-4627
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Charles R. Rountree PO Box 86 Hampton, NY 12837 GC #: 91-7199-9991-7037-9388-4610
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Connor Family LLC PO Box 1080 Artesia, NM 88211-1080 GC #: 91-7199-9991-7037-9388-4634
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to The Sanchez Family TR U/A 1634 Steeple Chase Place Vista, CA 92083 GC #: 91-7199-9991-7037-9388-4641
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sharon Hill 13002 Mew Circle Corona, CA 92883 GC #: 91-7199-9991-7037-9388-4658
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to JWF Energy Partners 2307 S County Road 1122 Midland, TX 79706 GC #: 91-7199-9991-7037-9388-4665
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Family Mineral Properties, LLC 1110 E Grande Ave Ponca City, OK 74601 GC #: 91-7199-9991-7037-9388-4672
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Progeny Petroleum LLC PO Box 30864 Santa Barbara, CA 93130 GC #: 91-7199-9991-7037-9388-4689
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Galvez Mineral Interests LLC PO Box 4971 Monroe, LA 71211 GC #: 91-7199-9991-7037-9388-4696
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Norma C Rose 50 Royal Place Circle Odessa, TX 79762 GC #: 91-7199-9991-7037-9388-4702
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Shelley L. Ables 956 E. 90th Ave N Belle Plaine, KS 67013 GC #: 91-7199-9991-7037-9388-4719
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Janis J McDonald 501 Morningside Dr Wellington, KS 67152 GC #: 91-7199-9991-7037-9388-4726
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Pamela S Meyer 4600 Meadow Ranch Circle McKinney, TX 75071 GC #: 91-7199-9991-7037-9388-4733
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Welter 1981 Trust c/o Wells Fargo Bank PO Box 41779 Austin, TX 78704 GC #: 91-7199-9991-7037-9388-4740
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sarah Woolum 123 Elderbrook Lane Sacramento, CA 95828 GC #: 91-7199-9991-7037-9388-4764
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Hazel Turner 521 S Washington Wichita, KS 67214 GC #: 91-7199-9991-7037-9388-4788
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Dee Schooling 1417 Sims Ave Edmond, OK 73103 GC #: 91-7199-9991-7037-9388-4795
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Alva P. Sanders 20450 NE 150 St Luther, OK 73054 GC #: 91-7199-9991-7037-9388-4801
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Frank H. Purcell Trust PO Box 27286 Tampa, AZ 85285 GC #: 91-7199-9991-7037-9388-4818
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Gary R Purcell 5313 Jonathan Way Knoxville, TN 37920 GC #: 91-7199-9991-7037-9388-4832
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Thomas G. Purcell 5516 New Hampshire Blvd Louisville, KY 40215 GC #: 91-7199-9991-7037-9388-4825
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Ingrid Powell PO Box 416 Los Altos, CA 94022 GC #: 91-7199-9991-7037-9388-4849
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Timothy Mourning PO Box 300071 Austin, TX 78703 GC #: 91-7199-9991-7037-9388-4856
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sidney Francis Mourning PO Box 300882 Austin, TX 78703 GC #: 91-7199-9991-7037-9388-4863
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Christopher Leslie Mourning 14701 Le Grande Addison, TX 75001 GC #: 91-7199-9991-7037-9388-4870
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Ronald Eugene Mourning 711 Crestline Wichita, KS 67212 GC #: 91-7199-9991-7037-9388-4887
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Roger William Mourning 9429 Hardtner Wichita, KS 67212 GC #: 91-7199-9991-7037-9388-4894
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Robert Alan Mourning 1508 N Stoney Point St Wichita, KS 67212 GC #: 91-7199-9991-7037-9388-4900
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Richard Lee Mourning 1504 Sennett Wichita, KS 67212 GC #: 91-7199-9991-7030-4040-4011
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Judith J Mack 32522 Crete Rd Monarch Beach, CA 92629 GC #: 91-7199-9991-7030-4040-4028
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to William Eaton 20450 NE 150th Luther, OK 73054 GC #: 91-7199-9991-7030-4040-4035
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to James R LeForce 225 Southeast 28th Oklahoma City, OK 73129 GC #: 91-7199-9991-7030-4040-4059
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Christopher A Farrington 15830 W 14th Pl Golden, CO 80401 GC #: 91-7199-9991-7030-4040-4042
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Walter LeForce 116 Main Udall, KS 67146 GC #: 91-7199-9991-7030-4040-4066
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to James R Griffin 2713 Larkspur Antioch, CA 94509 GC #: 91-7199-9991-7030-4040-4073
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Betty Kyte Dreessen Irrev Tr PO Box 1665 Los Altos, CA 94022 GC #: 91-7199-9991-7030-4040-4097
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Doris M Griffin 123 Elderbrook Lane Sacramento, CA 95828 GC #: 91-7199-9991-7030-4040-4080
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Robin W Crouse Jr 11619 NE 146th St Liberty, MO 64068 GC #: 91-7199-9991-7030-4040-4110
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Edward Dreessen Jr PO Box 830 Palo Cedro, CA 96073 GC #: 91-7199-9991-7030-4040-4103
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Maxine Cole 500 N Plum Apt 109 Wellington, KS 67152 GC #: 91-7199-9991-7030-4040-4127
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Roy C Andrews 3113 79th St Lubbock, TX 79423-1823 GC #: 91-7199-9991-7030-4040-4134
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Connie L Alexander Rev TR 8716 Warner Rd Kernersville, NC 27284 GC #: 91-7199-9991-7030-4040-4141
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Robert R Purcell Family Trust 2012 E 26th St Lawrence, KS 66046 GC #: 91-7199-9991-7030-4040-4172
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Rosemary LeForce 715 Spring Lane Bristow, OK 74010 GC #: 91-7199-9991-7030-4040-4165
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Mary K Rankin Elliott 104 Wood Circle Levelland, TX 79336 GC #: 91-7199-9991-7030-4040-4189
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to James S Rankin 230 Tanglewood Ln Levelland, TX 79336 GC #: 91-7199-9991-7030-4040-4196
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Dastarac, Inc. 2308 Sierra Vista Road Artesia, NM 88210 GC #: 91-7199-9991-7030-4040-4219
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Virginia J Delhagen PO Box 21356 Mesa, AZ 85277 GC #: 91-7199-9991-7030-4040-4202
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to NRC-MMX Ltd PO Box 25409 Dallas, TX 75225 GC #: 91-7199-9991-7030-4040-4226
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to John Neal Loflin 162 Cottonwood Uvalde, TX 78801 GC #: 91-7199-9991-7030-4040-4233
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Robert J. Eileen Heard Trust 10317 Del Rey Dr Yuma, AZ 85367 GC #: 91-7199-9991-7030-4040-4240
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Ann H. Stromberg 274 San Luis Place Claremont, CA 91711 GC #: 91-7199-9991-7030-4040-4257
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sara S Jones 1042 Carlisle Dr Allen, TX 75002 GC #: 91-7199-9991-7030-4040-4264
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Marion Wier Deford 383 Pine Valley Smithville, TX 78957 GC #: 91-7199-9991-7030-4040-4271
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Braille Inst. Of America, Inc. PO Box 840738 Dallas, TX 75284-0738 GC #: 91-7199-9991-7030-4040-4288
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Selma E. Andrews Perpetual Charitable Trust PO Box 840738 Dallas, TX 75284-0738 GC #: 91-7199-9991-7030-4040-4295
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to JWF Energy Partners 2307 S County Road 1122 Midland, TX 79706 GC #: 91-7199-9991-7030-4040-4318
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Selma E Andrews Trust fbo Peggy Barrett Bank of America, NA Trustee PO Box 840738 Dallas, TX 75284-0738 GC #: 91-7199-9991-7030-4040-4301
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Amanda Lee Russell PO Box 373 Longview, TX 75606 GC #: 91-7199-9991-7030-4040-4332
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to James Russell Lilly Rev Mgmt Tr PO Box 81538 Fairbanks, AK 99709 GC #: 91-7199-9991-7030-4040-4325
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Shaffer Harrison Russell PO Box 373 Longview, TX 75606 GC #: 91-7199-9991-7030-4040-4349

5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sarah Sue Lilly Revocable Mgmt Tr PO Box 81538 Fairbanks, AK 99709 GC #: 91-7199-9991-7030-4040-4356
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to The Newsuit Trust 25670 Bellerville Dr Valencia, CA 91355 GC #: 91-7199-9991-7030-4040-4363
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Debbie L Bowers Rev Trust 286 Stagecoach Rd Arroyo Grande, CA 93420 GC #: 91-7199-9991-7030-4040-4387
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Lonnie & Jolinda Downer Rev Trust 2516 Santa Ana Ave Clovis, CA 93611 GC #: 91-7199-9991-730-4040-4370
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to McCaw Properties LLC PO Box 376G Artesia, NM 88211-0376 GC #: 91-7199-9991-7030-4040-4417
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Universal Royalty Co Ltd PO Box 12167 Dallas, TX 75225 GC #: 91-7199-9991-7030-4040-4400
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Long Minerals Trust UTA 4189 Bellaire Blvd Ste 202 Houston, TX 77025-1045 GC #: 91-7199-9991-7030-4040-4455
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Gary Laird Finch Jr PO Box 12 Stowell, TX 77661 GC #: 91-7199-9991-7030-4040-4461
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Dexter Family Trust 9262 Irongate Ln San Diego, CA 92116 GC #: 91-7199-9991-7030-4040-4462
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Donna Finch Adams PO Box 1025 Dennison, TX 75021 GC #: 91-7199-9991-7030-4040-4448
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Carol Jean Dexter Purcell 5535 Ravia St Lakewood, CA 90713 GC #: 91-7199-9991-7030-4040-4479
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Trust UW Francisca S Winton 601 Carlson Pkwy Ste 800 Minnetonka, MN 55305 GC #: 91-7199-9991-7036-0788-1330
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to CQWE LLC, Bob Acree, Manager PO Box 241826 Anchorage, AK 99524 GC #: 91-7199-9991-7030-4040-4486
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Hugh Burch 3315 NW 63rd Oklahoma City, OK 73116 GC #: 91-7199-9991-7036-0788-1323
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Kurt A Weber 16193 Pine Drop Ln La Pine, OR 97739 GC #: 91-7199-9991-7036-0788-1354
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Jimmy R McCutcheon 1503 Parker Dr Odessa, TX 79761 GC #: 91-7199-9991-7036-0788-1347
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Margaret Louise Treat PO Box 10701 Bozeman, MT 59719 GC #: 91-7199-9991-7036-0788-1361
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Dolores J Thomas 1045 La Reina Lake San Marcos, CA 92078 GC #: 91-7199-9991-7036-0788-1378
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Maryanne Kanani Lynn Blakely 1025 Bordner St Montpelier, OH 43543 GC #: 91-7199-9991-7036-0788-1385
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Chester J Acree & Jean C Acree 2604 Via Segunda Palos Verdes Estates, CA 90274 GC #: 91-7199-9991-7036-0788-1392
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Hugh Ross Burch Living Trust 4601 Memory Lane Oklahoma City, OK 73112 GC #: 91-7199-9991-7036-0788-1408
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Dexter Family Holdings LLC 20940 Pacific Coast Hwy Malibu, CA 90265 GC #: 91-7199-9991-7036-0788-1415
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Lynn Barker 14317 Mocho Ave NE Albuquerque, NM 87123 GC #: 91-7199-9991-7036-0788-1422
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Nestegg Energy Corporation 2308 Sierra Vista Road Artesia, New Mexico 88210-9409 GC #: 91-7199-9991-7036-0788-1460
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Tanya Marie Mangum PO Box 1121 Edgewood, NM 87015 GC #: 91-7199-9991-7036-0788-1446
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Mary L Gore Liv Trust 12231 Monument Hill Ave Las Vegas, NV 89138 GC #: 91-7199-9991-7036-0788-1453
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Marshall & Winsotn PO Box 50880 Midland, TX 79710-0880 GC #: 91-7199-9991-7036-0788-1477
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Barbara Kruse Frankenfield 2107 Castle View Road Mansfield, TX 76063 GC #: 91-7199-9991-7036-0788-1316
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Ocotillo Production Inc PO Box 93638 Albuquerque, NM 87199 GC #: 91-7199-9991-7036-0788-1484
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Susan Lynn Terry PO Box 90370 Albuquerque, NM 87199 GC #: 91-7199-9991-7036-0788-1286
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sandra Leigh Terry PO Box 222010 El Paso, TX 79913-5010 GC #: 91-7199-9991-7036-0788-1293
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to EHW LLC 101 South Fourth Street Artesia, NM 88210-2177 GC #: 91-7199-9991-7036-0788-1309
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to William C White 15 Desert Flower Rd Artesia, NM 88210-9573 GC #: 91-7199-9991-703-0788-1279
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Sabine Royalty Trust PO Box 678600 Dallas, TX 75267 GC #: 91-7199-9991-7036-0788-1262
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to HTI Resources Inc PO Box 10690 Savannah, GA 31412 GC #: 91-7199-991-7036-0788-1255
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Office of Natural Resources Revenue, Attn: Royalty Management Program PO Box 5760 Denver, CO 80217-5760 GC #: 91-7199-9991-7036-0788-1248
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Mock Family Trust 2899 Camino Serbal Carlsbad, CA 92009 GC #: 91-7199-9991-7030-4040-4394
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Mary C Underwood 7006 Camino Blanco Las Cruces, NM 88007 GC #: 91-7199-9991-7037-9388-4771
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Virginia Weber 7631 Willis Avenue Van Nuys, CA 91405-1225 GC #: 91-7199-9991-7030-4040-4424
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Frank W Addis 97304 E Alhambra Rd Kennewick, WA 99337 GC #: 91-7199-9991-7030-4040-4158
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to Betty Lou Mitchell 4313 Harrogate Dr Norman, OK 73072 GC #: 91-7199-9991-7037-9388-4757
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to The Cary W Severn & Lorann B Severn Fam Trust 21944 Marjoram Ct Saugus, CA 91350 GC #: 91-7199-9991-7036-0788-1439
5/17/2017	KF	Off Lease Measurement	BKU 13C BATTERY	Sent Certified Mail to The Pansam Family Trust PO Box 66 Joplin, MO 64802 GC #: 91-7199-9991-7036-0788-1231

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

5. Lease Serial No.
NMLC028784A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM88525X

8. Well Name and No.
BURCH KEELY 215

9. API Well No.
30-015-27573

10. Field and Pool or Exploratory Area
GRYBRG JACKSON;SR-Q-G-SA

11. County or Parish, State
EDDY COUNTY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
COG OPERATING LLC
Contact: DANA KING
E-Mail: dking@concho.com

3a. Address
ONE CONCHO CENTER, 600 W ILLINOIS AVE
MIDLAND, TX 79701
3b. Phone No. (include area code)
Ph: 432-818-2267

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec: 13 T17S R29E Mer NMP 1295FSL 1345FWL

12. CHECK THE 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	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Off-Lease Measurement
	☐ 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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 REQUEST OFF LEASE MEASUREMENT OF GAS PRODUCTION FOR THE ATTACHED WELLS LOCATED AT THE BURCH KEELY UNIT 13C BATTERY, S13, T17S, R29E.

PRODUCTION FROM THESE WELLS ARE ROUTED AND MEASURED AT THE TANK BATTERY LOCATED AT THE MARY DODD B DEEP FEDERAL #1, AT S14, T17S, R29E. PLEASE SEE ATTACHED SUMMARY AND ATTACHMENTS. ALL INTEREST OWNERS HAVE BEEN NOTIFIED.

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

**Electronic Submission #376767 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad**

Name (Printed/Typed) DANA KING

Title SUBMITTING CONTACT

Signature (Electronic Submission)

Date 05/19/2017

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.

(Instructions on page 2)

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

APPLICATION FOR OFF LEASE MEASUREMENT SUMMARY**Burch Keely Unit 13C Battery****DCP Gas Meter Number 742544**

Located at the Mary Dodd B Deep Federal Battery, Lease NMNM11789X

Burch Keely Unit Number NMNM85525X

COG Operating is requesting Off Lease Measurement for the following wells:

Federal Lease Number NMLC 028784A

Well Name	Location	API #	Pool 28509	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #215	SESW Unit N S13 T17S R29E	30-015-27573	Grayburg Jackson; SR-Q-G-SA	2.6	39.2	36.49	4,417
Burch Keely Unit #255	SWSW Unit M S13 T17S R29E	30-015-29020	Grayburg Jackson; SR-Q-G-SA	3.4	39.2	24.29	4,417
Burch Keely Unit #35	SWSW Unit M S13 T17S R29E	30-015-20378	Grayburg Jackson; SR-Q-G-SA	0.8	39.2	15.60	4,417
Burch Keely Unit #857	SWNW Unit E S24 T17S R29E	30-015-40381	Grayburg Jackson; SR-Q-G-SA	5.5	39.2	31.65	4,417

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #381	SWSW Unit M S13 T17S R29E	30-015-33806	BK;Glorieta-Up Yeso	2.8	39.2	40.35	4,417
Burch Keely Unit #543	NENW Unit C S24 T17S R29E	30-015-39565	BK;Glorieta-Up Yeso	7.9	39.2	72.91	4,417
Burch Keely Unit #620	SWNW Unit E S24 T17S R29E	30-015-39569	BK;Glorieta-Up Yeso	3.5	39.2	38.24	4,417
Burch Keely Unit #621	SENW Unit F S24 T17S R29E	30-015-40325	BK;Glorieta-Up Yeso	2.1	39.2	40.88	4,417x
Burch Keely Unit #902	SWNW Unit E S24 T17S R29E	30-015-40329	BK;Glorieta-Up Yeso	4.4	39.2	70.32	4,417
Burch Keely Unit #905	SWSW Unit M S13 T17S R29E	30-015-40540	BK;Glorieta-Up Yeso	12.8	39.2	58.98	4,417
Burch Keely Unit #936H	SWSW Unit M S13 T17S R29E	30-015-40888	BK;Glorieta-Up Yeso	55.4	39.2	138.88	4,417
Burch Keely Unit #954H	NENE Unit A S23 T17S R29E	30-015-42240	BK;Glorieta-Up Yeso	81.0	39.2	99.99	4,417
Burch Keely Unit #956H	SENE Unit H S23 T17S R29E	30-015-42241	BK;Glorieta-Up Yeso	63.1	39.2	148.3	4,417

Future:

Burch Keely Unit #955H NWNW Unit D S24 T17S R29E

APD Submitted

Federal Lease Number NMLC 028784B

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #935H	NWSW Unit L S13 T17S R29E	30-015-42748	BK;Glorieta-Up Yeso	73.4	39.2	115.87	4,417

Future:

Burch Keely Unit #946H NENE Unit A S23 T17S R29E 30-015-44100 BK;Glorieta-Up Yeso

New, Not Drilled

Federal Lease Number NMLC 028784C

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #371	NWSW Unit L S13 T17S R29E	30-015-33801	BK;Glorieta-Up Yeso	2.0	39.2	22.97	4,417

Federal Lease Number NMLC 028793A

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #937H	SWSW Unit M S13 T17S R29E	30-015-42759	BK;Glorieta-Up Yeso	283.8	39.2	468.83	4,417

Federal Lease Number NMLC 028793C

Well Name	Location	API #	Pool 97918	BOPD	Gravity	MCFPD	BTU
Burch Keely Unit #947H	NENE Unit A S23 T17S R29E	30-015-40637	BK;Glorieta-Up Yeso	23.7	39.2	60.14	4,417
Burch Keely Unit #948H	SENE Unit H S23 T17S R29E	30-015-42723	BK;Glorieta-Up Yeso	101.3	39.2	165.61	4,417

Federal Lease Number NMLC 054406

<u>Well Name</u>	<u>Location</u>	<u>API #</u>	<u>Pool 97918</u>	<u>BOPD</u>	<u>Gravity</u>	<u>MCFPD</u>	<u>BTU</u>
Burch Keely Unit #616	NWNW Unit D S24 T17S R29E	30-015-38517	BK; Glorieta-Up Yeso	5.9	39.2	88.00	4,417

APPLICATION FOR OFF LEASE MEASUREMENT**Burch Keely Unit 13C Battery****DCP Gas Meter Number 742544**

DESCRIPTION: During normal operations, gas produced from the BKU 13C battery is sold on location to Frontier Gas Sales meter #6631235 on Lease NMNM88525X. If Frontier has pipeline or plant problems, the gas is off-loaded to DCP meter #742544 Lease NMNM11789X located approximately 1250 ft NW of the BKU 13C Tank Battery on the Mary Dodd B Deep Fed #1 Location.

A site diagram for the off lease measurement is attached.



May 25, 2017

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Attn: Michael A. McMillan

RE: Off Lease Measurement - BKU 13C Battery
Sections 13, 23, and 24, T17S, R29E
Eddy County, New Mexico

Dear Mr. McMillan:

This letter is in reference to COG Operating LLC's off lease measurement application for the subject tank battery. I am familiar with the area and can confirm that all wells that flow into the BKU 13C Tank Battery have common ownership. These wells include:

BKU #35 (API:30-015-20378) ✓
BKU #215 (API:30-015-27573) ✓
BKU #255 (API:30-015-29020) ✓
BKU #371 (API:30-015-33801) ✓
BKU #381 (API:30-015-33806) ✓
BKU #543 (API:30-015-39565) ✓
BKU #616 (API:30-015-38517) ✓
BKU #620 (API:30-015-39569) ✓
BKU #621 (API:30-015-40325) ✓
BKU #857 (API:30-015-40381) ✓
BKU #902 (API:30-015-40329) ✓
BKU #905 (API:30-015-40540) ✓
BKU #935H (API:30-015-42748) ✓
BKU #936H (API:30-015-40888) ✓
BKU #937H (API:30-015-42759) ✓
BKU #946H (API:30-015-44100) ✓
BKU #947H (API:30-015-40637) ✓
BKU #948H (API:30-015-42723) ✓
BKU #954H (API:30-015-42240) ✓
BKU #955H - Undrilled - APD Submitted ✓
BKU #956H (API:30-015-42241) ✓

If you have any questions, please do not hesitate to contact me at 432-685-2515 or areker@concho.com.

Yours Truly,

COG Operating LLC

Adam Reker, RPL
Landman, NM Shelf

McMillan, Michael, EMNRD

From: Dana King <DKing@concho.com>
Sent: Tuesday, May 30, 2017 1:05 PM
To: McMillan, Michael, EMNRD
Cc: Kanicia Castillo
Subject: RE: Burch Keeley administrative OLM application
Attachments: BKU 13C_Off Lse Msmnt Summary.xlsx

Hello Michael,

As requested, please see the Burch Keely Off Lease Measurement Summary in Excel format. Also, I confirmed with our Facilities Engineer for the following Unit Letters:

BKU 13C Battery, Section 13, Unit M, SWSW
Mary Dodd Federal Battery, Section 14, Unit I, NESE

I also added the Unit and Qtr/Qtr to the legal description on the Off Lease Measurement Summary.

Thank you,
Dana King
Permitting Technician
NM Shelf Team
COG Operating LLC
600 W. Illinois Ave
Midland, Tx 79701
(432) 818-2267



From: McMillan, Michael, EMNRD [mailto:Michael.McMillan@state.nm.us]
Sent: Tuesday, May 30, 2017 12:31 PM
To: Dana King
Cc: Kanicia Castillo
Subject: [External] RE: Burch Keeley administrative OLM application

Where are the batteries (the Unit letter) in Section 13 and 14 Located?

From: Dana King [mailto:DKing@concho.com]
Sent: Thursday, May 25, 2017 3:43 PM
To: McMillan, Michael, EMNRD <Michael.McMillan@state.nm.us>
Cc: Kanicia Castillo <KCastillo@concho.com>
Subject: RE: Burch Keeley administrative OLM application

Good Afternoon Michael,

As requested, please find the attached scanned copies of the following for the BKU 13C Off Lease Measurement Application:

- BKU 13C BLM Sundry 3160-5_WIS Submitted (Included with original application)