

RECEIVED: 8/14/2018	REVIEWER:	TYPE: CTS	APP NO: PMAM/181655 6340
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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: ROAD RUNNER FEDERAL COM #1H **API:** 30-015-43133
Pool: COTTONWOOD DRAY; BONE SPRING **Pool Code:** 97494

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☐ PC☐ OLS☐ OLM

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

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR2) **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.

BOBBIE GOODLOE

Print or Type Name

Signature

6-14-18
 Date

575-748-6952

Phone Number

bgoodloe@concho.com

e-mail Address



June 14, 2018

Attn: Michael McMillan
NM Oil Conservation Division
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Administrative Approval of CTB

Dear Mr. McMillan,

COG Operating LLC, respectfully requests approval for off-lease measurement and commingling for the following wells:

Road Runner Federal Com #1H
API# 30-015-43133
Cottonwood Draw; Bone Spring
SHL: 190' FSL 380' FEL, Ut. P, Sec. 25-T25S-R26E
BHL: 70' FNL 347' FEL, Ut. A, Sec. 24-T25S-26E
Eddy County, NM

Road Runner Federal Com #2H
API# 30-015-44147
Cottonwood Draw; Bone Spring
SHL: 210' FSL 1965' FEL, Ut. O, Sec. 25-T25S-R26E
BHL: 206' FNL 2268' FEL, Ut. B, Sec. 24-T25S-26E
Eddy County, NM

Road Runner Federal Com #11H
API# 30-015-43900
Cottonwood Draw; Bone Spring
SHL: 190' FSL 350' FEL, Ut. P, Sec. 25-T25S-R26E
BHL: 66' FNL 307' FEL, Lot 6, Sec. 24-T25S-R26E
Eddy County, NM

Road Runner Federal Com #12H
API# 30-015-44148
Cottonwood Draw; Bone Spring
SHL: 210' FSL 1995' FEL, Ut. O, Sec. 25-T25S-R26E
BHL: 201' FNL 2317' FEL, Lot B, Sec. 24-T25S-R26E
Eddy County, NM

Oil
1H & 11H
CTB

Oil
2H & 12H
CTB

Oil Production:

The oil production from all wells will be measured separately on-lease by Coriolis meters. The oil from the Road Runner Federal Com #1H & #11H wells will flow to a CTB off-lease in Ut. O, Sec 25-T25S-R26E, where it will be stored and sold. The oil from the Road Runner Federal Com #2H & #12H will be stored and sold from a CTB on-lease. In addition, the oil production from all of these wells may also be transported by truck to either the Red Hills Offload Station, located in Unit O, Section 4-T26S-R32E, or the Jal Offload Station, located in Unit D, Section 4-T26S-R37E, Lea County in the event the CTB on lease is over capacity or in the case of battery or pipeline repairs. In this case the oil will remain segregated and will be measured by lact meter when offloading at said stations.

Gas Production:

Gas produced from the Road Runner Federal Com #1H & #11H will be measured by allocation meter prior to being commingled and entering a flow line to the off-lease gas custody transfer meter. Gas produced from the Road Runner Federal Com #2H & #12H will be measured by allocation meter prior to being commingled and entering the on-lease gas custody transfer meter. The custody transfer meter is located in Ut. O, Sec 25-T25S-R26E.

Page 2

June 5, 2018

NM Oil Conservation Division

All owners of interest have been notified by certified mail that should they have an objection to this off-lease measurement and surface commingling, they must file a formal protest with the NMOCD within 20 days of the date of this application. Due to the fee leases under these wells, a Public Notice has also been posted in the Artesia Daily Press. Proof of owner notification and copy of Public Notice is enclosed.

Please see the enclosed Administrative Application Checklist, C-107B Application for Surface Commingling, plats for referenced wells, site facility diagram, maps with lease boundaries showing wells and facility locations and prior month's production along with copies of the submitted FMP sundries.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Bobbie J Goodloe". The signature is fluid and cursive, with the first name "Bobbie" being more prominent.

Bobbie J Goodloe
Regulatory Analyst

Enclosures

xc: Artesia OCD

DISTRICT I
1825 N. FRENCH DR., ROBERTS, 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 RD., 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

NM OIL CONSERVATION

ARTESIA DISTRICT

US 14 2017

RECEIVED

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43133	Pool Code 97494	Pool Name Cottonwood Draw; Bone Spring
Property Code 316776	Property Name ROAD RUNNER FEDERAL COM	Well Number 1H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3250.4'

Surface Location

UL or lot No. P	Section 25	Township 25-S	Range 26-E	Lot Idn	Feet from the 190	North/South line SOUTH	Feet from the 380	East/West line EAST	County EDDY
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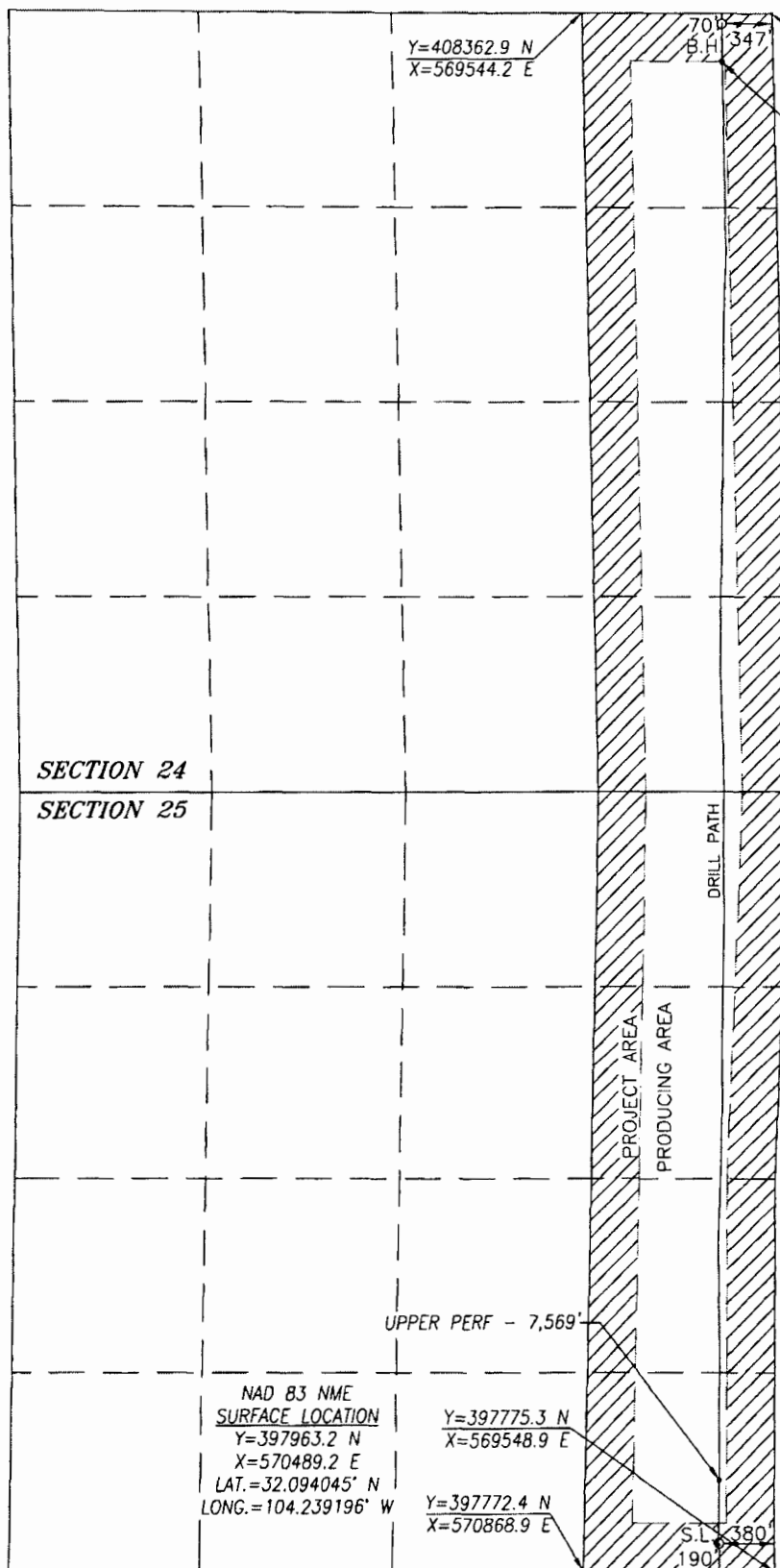
Bottom Hole Location If Different From Surface

UL or lot No. A	Section 24	Township 25-S	Range 26-E	Lot Idn	Feet from the 70	North/South line NORTH	Feet from the 347	East/West line EAST	County EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

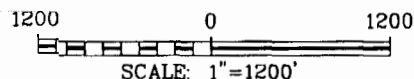
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 316776	Property Name ROAD RUNNER FEDERAL COM	Well Number 1H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3250.4'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG OPERATING, LLC FOR THE ROAD RUNNER
FEDERAL COM #1H SUPPLIED TO HARCROW
SURVEYING, LLC ON MAY 24, 2017.



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.

Signature _____ Date _____

Bobbie Goodloe

Printed Name

bgoodloe@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.

MARCH 20, 2017

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor

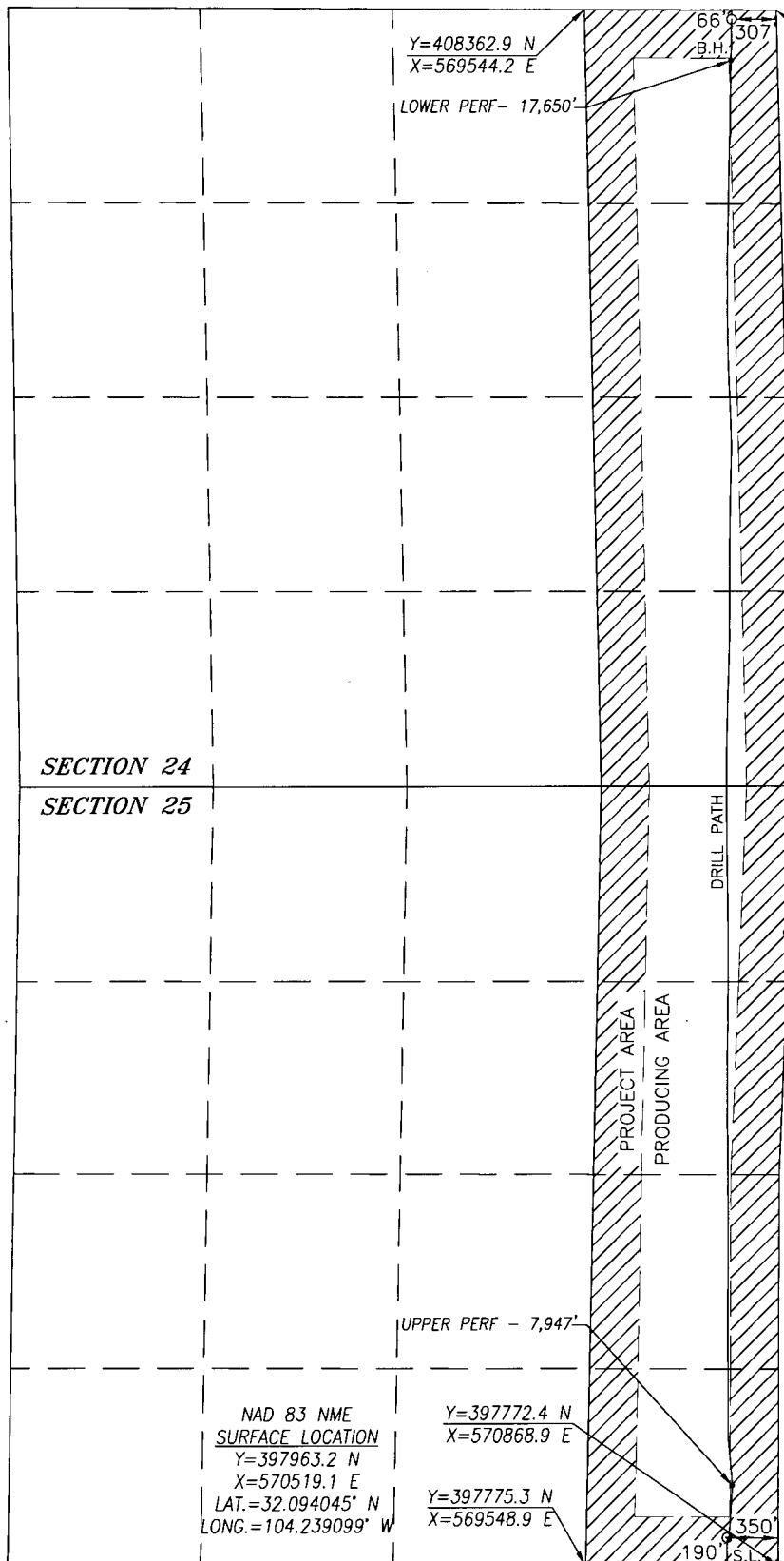


Chad Harcrow 6/5/17

Certificate No. CHAD HARCROW 17777

W.O. # 17-644 DRAWN BY: CD

Property Code	Property Name ROAD RUNNER FEDERAL COM	Well Number 11H
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 3250.2'



1200 0 1200
SCALE: 1"=1200'

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.

Signature

Date

Bobbie J Goodloe

Printed Name

bgoodloe@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 23, 2017

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 6/14/17
Certificate No. CHAD HARCROW 17777

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
(As Drilled)

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-44147	² Pool Code 97494	³ Pool Name Cottonwood Draw; Bone Spring
⁴ Property Code 316776	⁵ Property Name Road Runner Federal Com	
⁷ OGRID No. 229137	⁸ Operator Name COG Operating LLC	
		⁶ Well Number 2H
		⁹ Elevation 3248.6' GR

¹⁰ Surface Location

UL or lot no. O	Section 25	Township 25S	Range 26E	Lot 1 dn	Feet from the 210	North/South line South	Feet from the 1965	East/West line East	County Eddy
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. B	Section 24	Township 25S	Range 26E	Lot 1 dn	Feet from the 206	North/South line North	Feet from the 2268	East/West line East	County Eddy
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¹² Dedicated Acres 320	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. Signature Date Bobbie Goodloe Printed Name bgoodloe@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: REFER TO ORIGINAL PLAT Certificate Number

DISTRICT I
1825 N. FRENCH DR., HOBBS, NM 88240
Phone: (575) 393-6181 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 RD., AZTEC, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505
Phone: (505) 476-3480 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 one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-43900		Pool Code 97494	Pool Name Cottonwood Draw; Bone Spring
Property Code 316776	Property Name ROAD RUNNER FEDERAL COM		Well Number 11H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3250.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	25	25-S	26-E		190	SOUTH	350	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
A	24	25-S	26-E		66	NORTH	307	EAST	EDDY

Dedicated Acres 320	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

SEE PAGE 2

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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-44148	Pool Code 97494	Pool Name Cottonwood Draw; Bone Spring
Property Code 316776	Property Name ROAD RUNNER FEDERAL COM	Well Number 12H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3247.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
0	25	25-S	26-E		210	SOUTH	1995	EAST	EDDY

Bottom Hole Location If Different From Surface

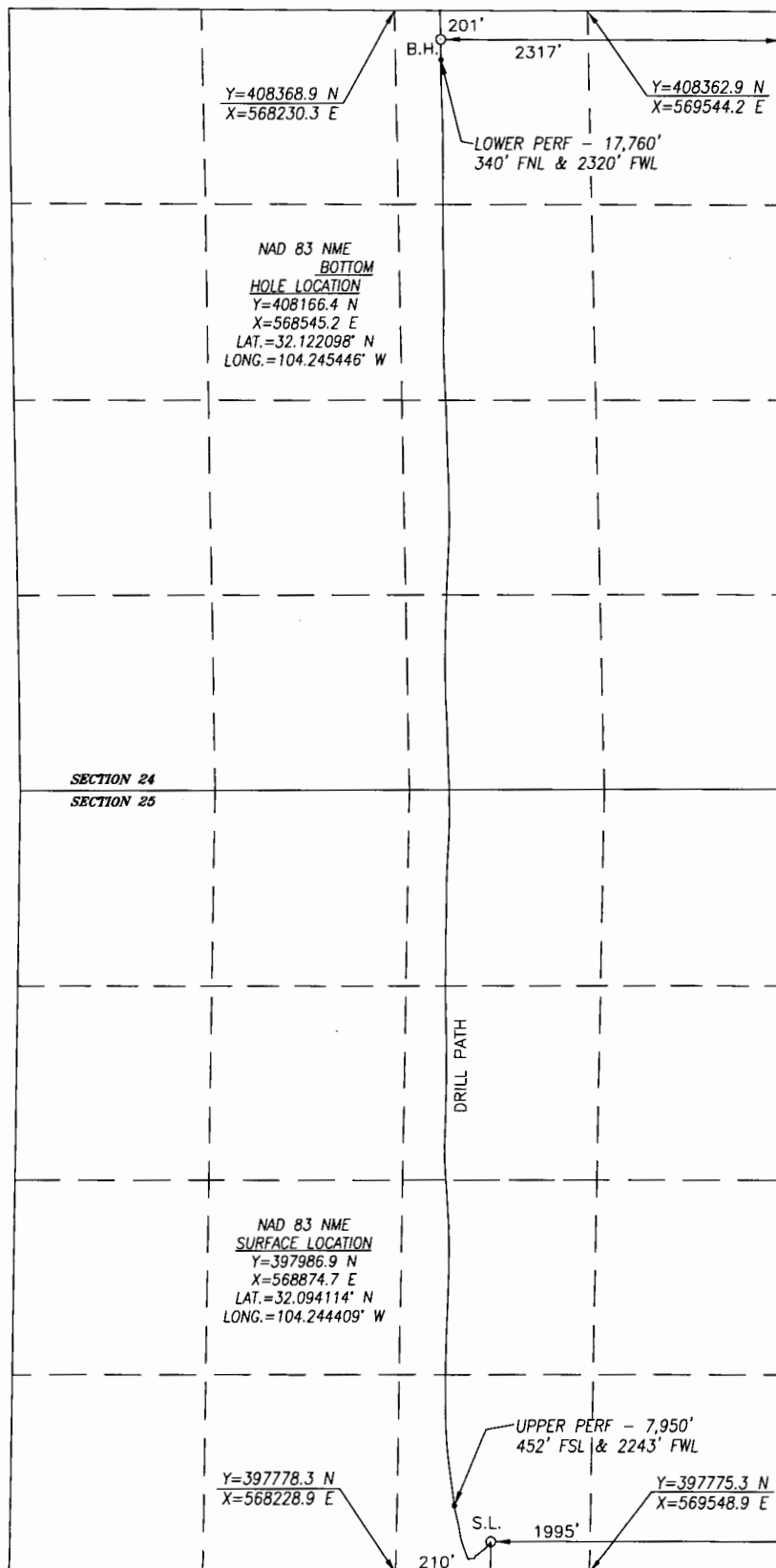
UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
B	24	25-S	26-E		201	NORTH	2317	EAST	EDDY

Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.
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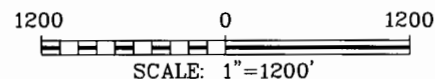
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SEE PAGE 2

Property Code 316776	Property Name ROAD RUNNER FEDERAL COM	Well Number 12H
OGRID No. 229137	Operator Name COG PRODUCTION, LLC	Elevation 3247.7'



BOREPATH SHOWN HEREON IS BASED ON
DIRECTIONAL SURVEY REPORT PROVIDED BY
COG FOR THE ROAD RUNNER FEDERAL COM
#12H SUPPLIED TO HARCROW SURVEYING, LLC
ON 12/22/17.



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.

Signature Date

Bobbie Goodloe

Printed Name
bgoodloe@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.

NOV. 11, 2016/DEC 28, 2017

Date of Survey/Date of Geographic Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 1/8/18

Certificate No. CHAD HARCROW 17777

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: 2208 W. Main Street, Artesia, NM 88210

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

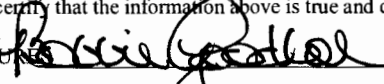
(1) A schematic diagram of facility, including legal location.

(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



TITLE: Regulatory Analyst

DATE

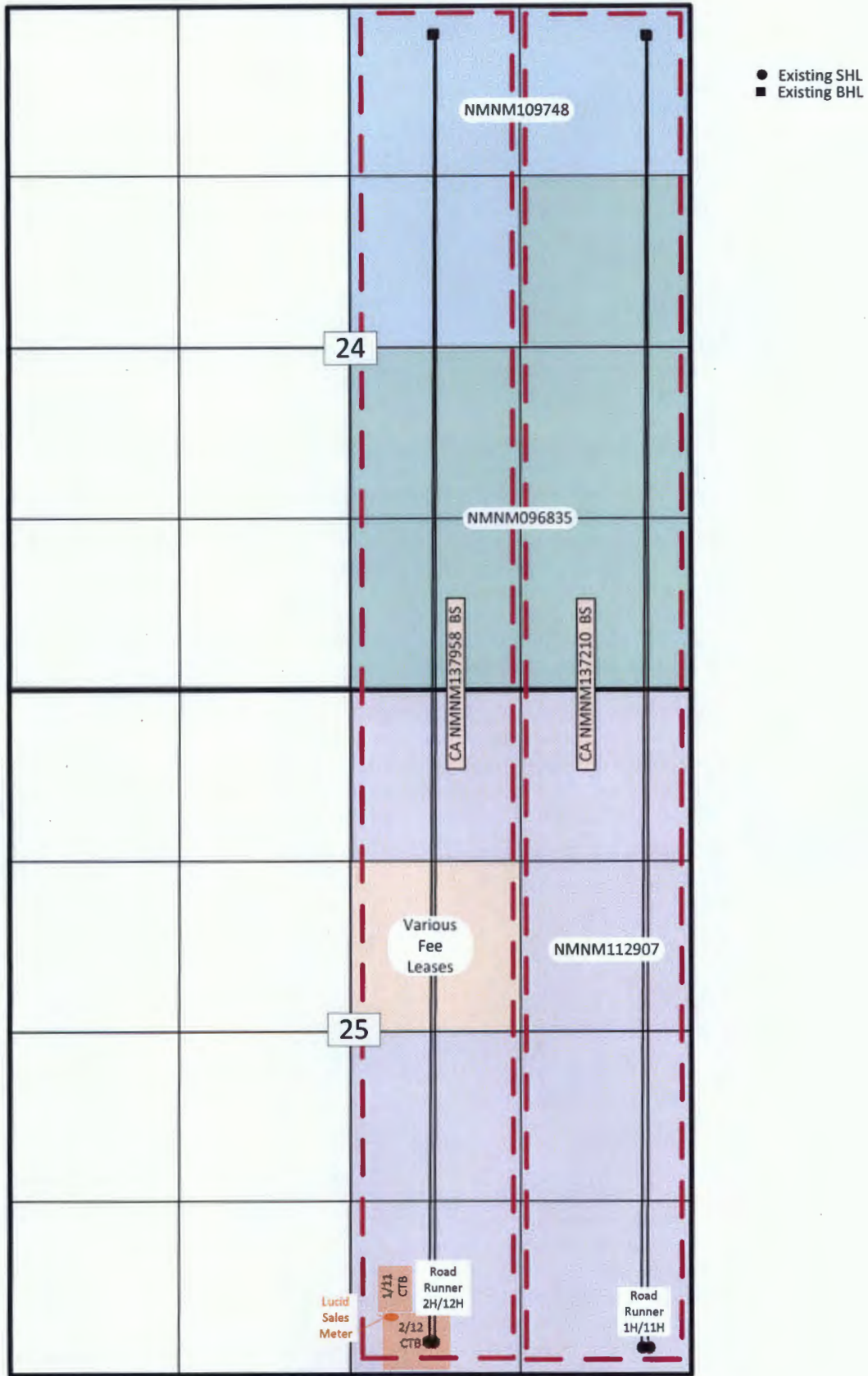
6/14/18

TYPE OR PRINT NAME Bobbie Goodloe

TELEPHONE NO.: 575-748-6952

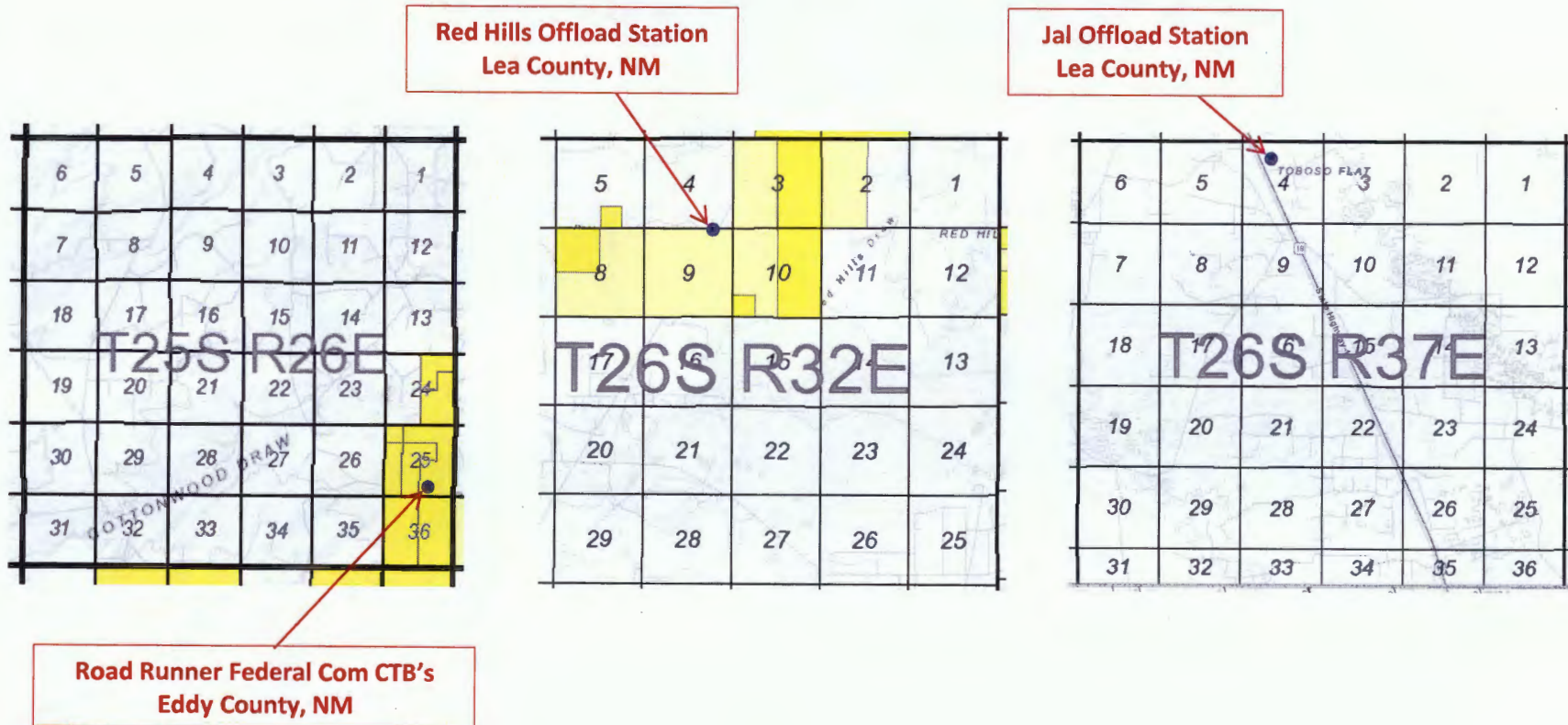
E-MAIL ADDRESS bgoodloe@concho.com

Road Runner Federal Com Wells



Sec 24, 25 -T25S-R26E
Eddy County, NM




Road Runner Federal Com #1/11 CTB & #2/12 CTB & Red Hills and Jal Offload Station Map



Road Runner Federal Com

Sec 25-T25S-R26E
Eddy County, NM

Legend

-  Road Runner Fed Com SHL's
-  Road Runner Fed Com CTB's
-  Road Runner Fed Com Lucid Gas Sales Meter #86084

Road Runner Fed Com #1H & #11H CTB

Road Runner Fed Com Lucid Gas Sales Meter #86084

Road Runner Fed Com #2H & #12H CTB

Road Runner Fed Com #2H - SHL

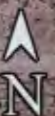
Road Runner Fed Com #12H - SHL

Road Runner Fed Com #1H -

Road Runner Fed Com #11H - SHL

Google Earth

1000 ft



WELLS:
ROAD RUNNER FEDERAL COM #001H: 30-015-43133
ROAD RUNNER FEDERAL COM #011H: 30-015-43900

NOT ON BATTERY PAD
 Located: Road Runner Fed Com 1H/1H Well Pad

FR BB MTR
 COMP 145 HP
 GL
 1.0
 1H WELL

FR BB MTR
 COMP 145 HP
 GL
 1.1
 1H WELL

VRU Meter:
(GV): #TBP
#1H Deduct Meter:
(D0): #88522320
#11H Deduct Meter:
(O1): #88522321
#1H Gas Lift Meter:
(L0): #88522278
#11H Gas Lift Meter:
(L1): #88522279

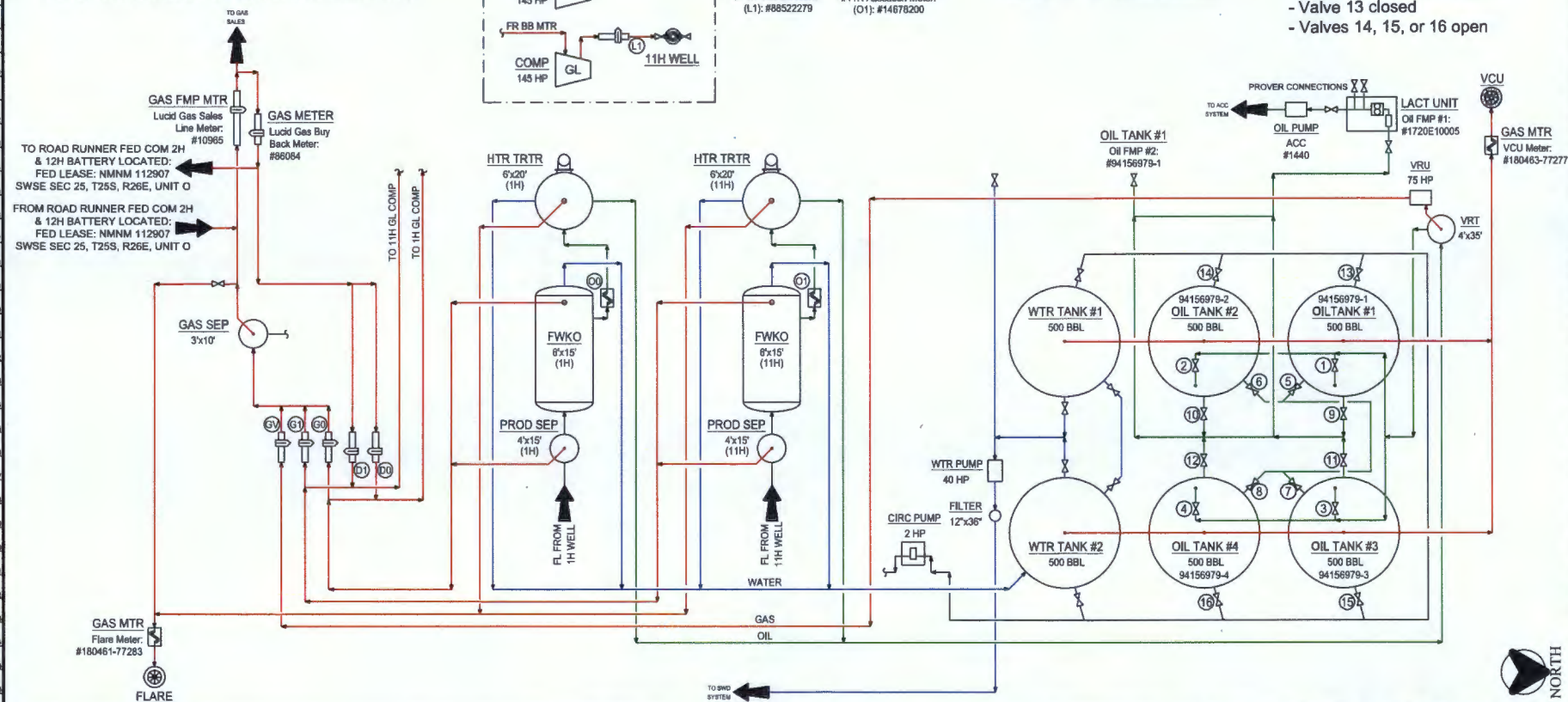
#1H FMP Meter:
(G0): #88522283
#11H FMP Meter:
(G1): #88522280

OIL METERS
#1H Allocation Meter:
(O0): #14678213
#11H Allocation Meter:
(O1): #14678200

#1H Allocation Meter:
(O0): #14678213
#11H Allocation Meter:
(O1): #14678200

- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



Type of Lease: Federal
Federal Lease #: NMNM 112907
CA/Agreement #: NMNM 137210
Property Code: 316776
OGRID #: 229137

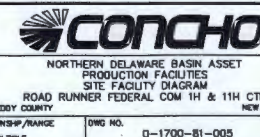
Produced Fluid: —
Produced Oil: —
Produced Gas: —
Produced Water: —

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

NO.	TITLE
COG OPERATING LLC SITE SECURITY PLANS LOCATED AT:	ONE CONCHO CENTER 600 WEST ILLINOIS AVENUE MCKINNEY, TEXAS 79701

[illegible]

BY		DATE
DRN:	CRB	06/01/1
DES:	CRB	06/01/1
CHK:		
APP:		
AFE NO:		
FACIL ENGR:	C. BLEDSOE	
OPER ENGR:	VARIES	



WELLS:
ROAD RUNNER FEDERAL COM #002H: 30-015-44147
ROAD RUNNER FEDERAL COM #012H: 30-015-44148

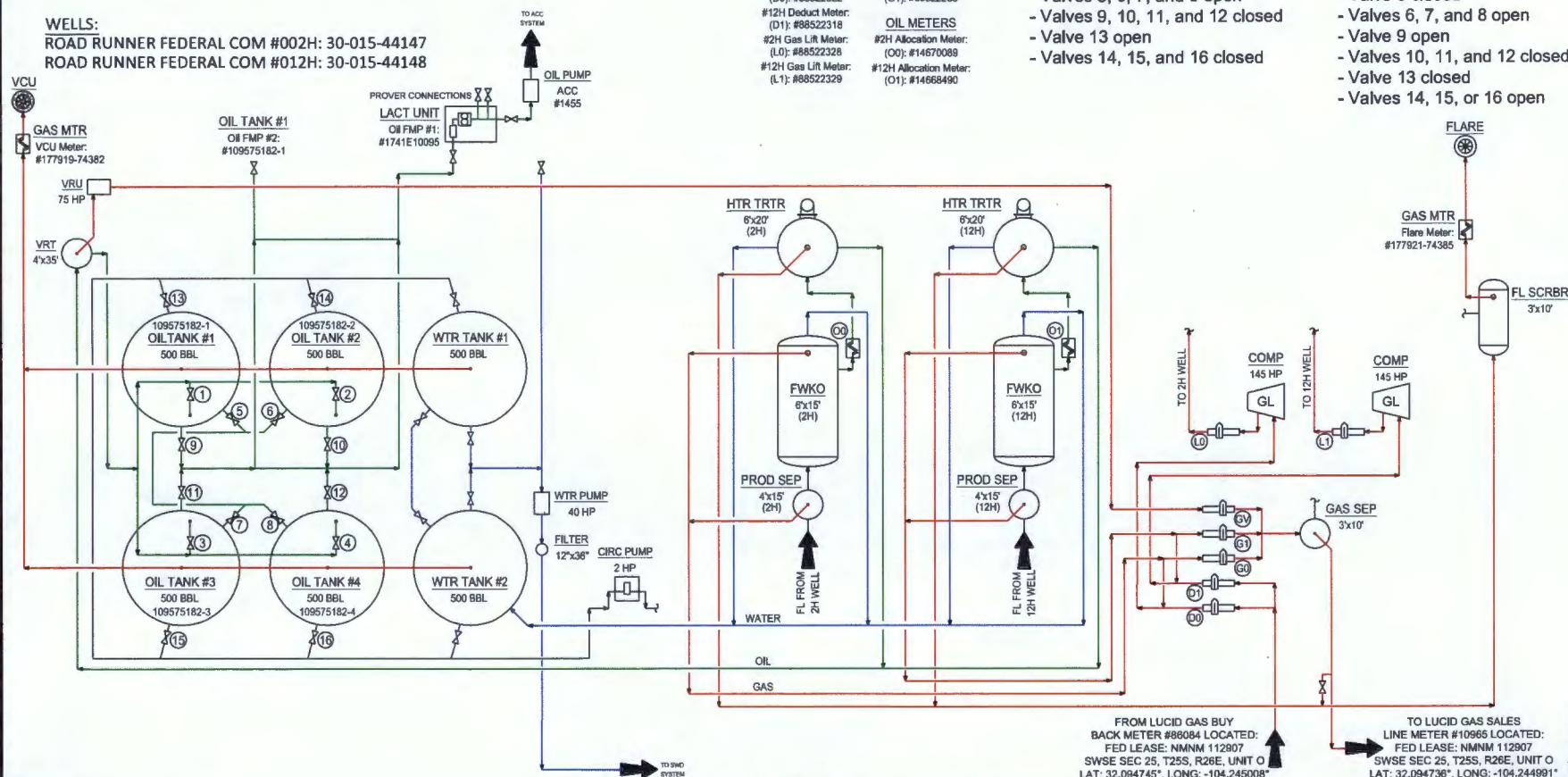
VRU Meter:
(GV): #88522323
#2H Deduct Meter:
(D0): #88522322
#12H Deduct Meter:
(D1): #88522318
#2H Gas Lift Meter:
(L0): #88522328
#12H Gas Lift Meter:
(L1): #88522329

OIL METERS
#2H Allocation Meter:
(O0): #14670089
#12H Allocation Meter
(O1): #14668490

OIL METERS
#2H Allocation Meter:
(O0): #14670089
#12H Allocation Meter
(O1): #14668490

- Valve 1 open
- Valves 2, 3, and 4 closed
- Valves 5, 6, 7, and 8 open
- Valves 9, 10, 11, and 12 closed
- Valve 13 open
- Valves 14, 15, and 16 closed

- Valve 1 closed
- Valves 2, 3, or 4 open
- Valve 5 closed
- Valves 6, 7, and 8 open
- Valve 9 open
- Valves 10, 11, and 12 closed
- Valve 13 closed
- Valves 14, 15, or 16 open



FROM LUCID GAS BUY
BACK METER #88084 LOCATED:
FED LEASE: NMNM 112907
SWSE SEC 25, T25S, R26E, UNIT O
LAT: 32.084745° LONG: -104.245008°

TO LUCID GAS SALES
LINE METER #10965 LOCATED:
FED LEASE: NMNM 112907
SWSE SEC 25, T25S, R26E, UNIT O
LAT: 32.094736° LONG: -104.244991°



Type of Lease: Federal
Federal Lease #: NMNM 112907
CA/Agreement #: TBP
Property Code: 316776
OGRID #: 229137

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

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

NO.	TITLE
COG OPERATING LLC	ONE CONCHO CENTER
SITE SECURITY PLANS	600 WEST ILLINOIS AVENUE
LOCATED AT:	MIDLAND, TEXAS 79701

[illegible]

BY	DATE
DRM: CRB	06/01/1
DES: CRB	06/01/1
CHK:	
APP:	
AFE NO:	
FACI ENR:	C. BLEDSOE
OPER ENR:	VARNES
SCALE:	NONE



30-015-43133 ROAD RUNNER FEDERAL COM #001H [316776]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: Active Direction: Horizontal
 Well Type: Oil Multi-Lateral: No
 Work Type: New Mineral Owner: Federal
 Surface Owner: Federal
 Surface Location: P-25-25S-26E 190 FSL 380 FEL
 Lat/Long: 32 09404582,-104 2391961 NAD83
 GL Elevation: 3250
 KB Elevation: Sing/Mult Compl: Single
 DF Elevation: Potash Waiver: False

Earliest Production in OCD Records: 6/2017 Last 3/2018 Show All Production ☒ Export to Excel

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure

2017

COTTONWOOD DRAW; BONE SPRING (O)

Oct	28689	103468	21603	31	0	0	0	0	0
Nov	5083	18219	4049	6	0	0	0	0	0
Dec	23869	52195	16102	29	0	0	0	0	0

2018

COTTONWOOD DRAW; BONE SPRING (O)

Jan	24796	91826	21166	31	0	0	0	0	0
Feb	18665	110024	24478	28	0	0	0	0	0
Mar	16502	112144	24028	31	0	0	0	0	0

30-015-44147 ROAD RUNNER FEDERAL COM #002H [316776]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: Active
 Well Type: Oil
 Work Type: New
 Direction: Horizontal
 Multi-Lateral: No
 Mineral Owner: Federal
 Surface Owner: Federal
 Surface Location: O-25-25S-26E 210 FSL 1965 FEL
 Lat/Long: 32 094114,-104 244313 NAD83
 GL Elevation: 3248
 KB Elevation:
 DF Elevation:
 Sing/Mult Compl: Single
 Potash Waiver: False

Earliest Production in OCD Records: 12/2017 Last 3/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure

2017

COTTONWOOD DRAW; BONE SPRING (O)

Time Frame	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure
Dec	6585	11488	22251	14	0	0	0	0	0

2018

COTTONWOOD DRAW; BONE SPRING (O)

Jan	33995	48784	31804	31	0	0	0	0	0
Feb	56930	88357	50830	28	0	0	0	0	0
Mar	59644	127454	51263	31	0	0	0	0	0

30-015-43900 ROAD RUNNER FEDERAL COM #011H [316776]

General Well Information

Operator:	[229137] COG OPERATING LLC	Direction:	Horizontal
Status:	Active	Multi-Lateral:	No
Well Type:	Oil	Mineral Owner:	Federal
Work Type:	New	Surface Owner:	Federal
Surface Location:	P-25-25S-26E 190 FSL 350 FEL		
Lat/Long:	32.09404482,-104.2390991 NAD83		
GL Elevation:	3250		
KB Elevation:		Sing/Mult Compl:	Single
DF Elevation:		Potash Waiver:	False

Earliest Production in OCD Records: 6/2017 Last 3/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure

2017

COTTONWOOD DRAW; BONE SPRING (O)

Oct	31097	93545	23719	31	0	0	0	0	0
Nov	6053	20776	4565	7	0	0	0	0	0
Dec	23530	51012	17021	30	0	0	0	0	0

2018

COTTONWOOD DRAW; BONE SPRING (O)

Jan	21638	85342	18144	31	0	0	0	0	0
Feb	18352	114944	20745	28	0	0	0	0	0
Mar	18360	125057	22111	31	0	0	0	0	0

30-015-44148 ROAD RUNNER FEDERAL COM #012H [316776]

General Well Information

Operator: [229137] COG OPERATING LLC
Status: Active
Well Type: Oil
Work Type: New
Direction: Horizontal
Multi-Lateral: No
Mineral Owner: Federal
Surface Owner: Federal
Surface Location: O-25-25S-26E 210 FSL 1995 FEL
Lat/Long: 32 094114, -104.244409 NAD83
GL Elevation: 3247
KB Elevation:
DF Elevation:
Sing/Mult Compl: Single
Potash Waiver: False

Earliest Production in OCD Records: 12/2017 Last 3/2018 [Show All Production](#) [Export to Excel](#)

Time Frame	Production				Injection				
	Oil(BBLS)	Gas(MCF)	Water (BBLS)	Days P/I	Water (BBLS)	Co2(MCF)	Gas(MCF)	Other	Pressure

2017

COTTONWOOD DRAW; BONE SPRING (O)

Dec	4981	8309	19118	14	0	0	0	0	0
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2018

COTTONWOOD DRAW; BONE SPRING (O)

Jan	26625	45683	41842	31	0	0	0	0	0
Feb	55264	92152	50950	28	0	0	0	0	0
Mar	56082	119249	46752	31	0	0	0	0	0

ROAD RUNNER FEDERAL COM #2H & ROAD RUNNER FEDERAL COM #12H - SURFACE COMMINGLING & OLM (CTB)

First	Last	Company	Address1	City	St	Zip	Certified Return Receipt#	Rec'd
		Bureau of Land Management	620 E Greene St	Carlsbad	NM	88220	7017-3040-0000-2540-2207	
		Cimarex Energy Co.	202 S Cheyenne Ave, Suite 1000	Tulsa	OK	74103	7017-3040-0000-2540-2184	
		RSC Resources, LP	6824 Island Circle	Midland	TX	79707	7017-3040-0000-2540-2191	
		MRC Energy Company	5400 LBJ Freeway, Suite 1500	Dallas	TX	75240	7017-3040-0000-2540-2214	
Ann Forehand	Langlinais		1303 N Canal #15	Carlsbad	NM	88220	7017-3040-0000-2540-2221	
Elizabeth Forehand	Smith		P O Box 333	Socorro	NM	87801	7017-3040-0000-2540-2238	
Susan Ogden	Benting	Trustee of the Susan Ogden Benting Revocable Trust	3856 Bookrt Farm Rd.	Mt. Pleasant	TN	38474	7017-3040-0000-2540-2245	
Karen Ogden	Cortese		2166 Billy the Kid Drive	Fort Sumner	NM	88119	7017-3040-0000-2540-2252	
Alisa	Ogden		P O Box 94	Loving	NM	88256	7017-3040-0000-2540-2269	
Craig W.	Ogden		159 Ogden Road	Loving	NM	88256	7017-3040-0000-2540-2276	
Jodie R.	Darden		P O Box 13362	Odessa	TX	79768	7017-3040-0000-2540-2283	
John	Reed		P O Box 13057	Odessa	TX	79768	7017-3040-0000-2540-2290	
Jana B.	Crane		104 Jamie Way	Del Rio	TX	78840	7017-3040-0000-2540-2306	
Camille R.	Allen		1809 Buffalo	Odessa	TX	79762	7017-3040-0000-2540-2313	
		Lost Creek Royalties, LP	P O Box 11148	Midland	TX	79702	7017-3040-0000-2540-2320	
		Ross Duncan Properties, LLC	P O Box 647	Artesia	NM	88211	7017-3040-0000-2540-2337	
		B & G Royalties	P O Box 376	Artesia	NM	88211	7017-3040-0000-2540-2344	
Mark Lee & Jeanne Lynn	Forehand, as Joint Tenants		P O Box 5373	Carlsbad	NM	88221	7017-3040-0000-2540-2351	
Charlotte Forehand	Albright, as separate property		1705 Boyd Drive	Carlsbad	NM	88220	7017-3040-0000-2540-2368	
		Hold the Door, LP	6824 Island Circle	Midland	TX	79707	7017-3040-0000-2540-2375	
		Ch4net.com Ltd	P O Box 1000	Roswell	NM	88202	7017-3040-0000-2540-2382	
		Hancorp Consulting Inc.	307 W. 7th St., Suite 1720	Fort Worth	TX	76102	7017-3040-0000-2540-2399	
		Franklin Resources LP	1110 E Layton Ave.	Englewood	CO	80113	7017-3040-0000-2540-2177	
		Camarie Oil & Gas, LLC	2502 Camarie Ave.	Midland	TX	79705	7017-3040-0000-2540-2405	
		Big Three Energy Group, LLC	P O Box 429	Roswell	NM	88202	7017-3040-0000-2540-2412	
		Featherstone Development Corp.	P O Box 429	Roswell	NM	88202	7017-3040-0000-2540-2429	
		Prospector, LLC	P O Box 429	Roswell	NM	88202	7017-3040-0000-2540-2436	
		XPLOR Resources, LLC	1104 North Shore Drive	Carlsbad	NM	88220	7017-3040-0000-2540-2443	

ROAD RUNNER FEDERAL COM #1H & ROAD RUNNER FEDERAL COM #11H - SURFACE COMMINGLING & OLM (CTB)

First	Last	Company	Address1	Address2	City	St	Zip	Certified Return Receipt#
		Bureau of Land Management	620 E Greene St		Carlsbad	NM	88220	7017-3040-0000-2540-2207
		Franklin Resources	1110 E Layton Ave.,		Englewood	CO	80113	7017-3040-0000-2540-2177

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

Ken McQueen
Cabinet Secretary

Matthias Sayer
Deputy Cabinet Secretary

Heather Riley, Division Director
Oil Conservation Division



February 14, 2018

OFF-LEASE MEASUREMENT

Administrative Order OLM-133
Application Reference No. pMAM1802658278

COG OPERATING, LLC
Attention: Ms. Bobbie Goodloe

COG OPERATING, LLC (OGRID 229137) is hereby authorized to transport and measure oil production off-lease, from the following wells which produce from the Bone Spring formation, the Cottonwood Draw; Bone Spring (O) Pool (pool code 97494) in Eddy County, New Mexico:

Road Runner Federal Com Well No. 1H (API No. 30-015-43133), Unit P, Section 25, Township 25 South, Range 26 East.

Road Runner Federal Com Well No. 11H (API No. 30-015-43900), Unit P, Section 25, Township 25 South, Range 26 East.

The combined project area for these wells includes the E/2 E/2 of Section 24 and the E/2 E/2 of Section 25, all in Township 25 South, Range 26 East, NMPM, Eddy County, New Mexico.

The oil and gas production from these wells shall be measured at, and sold from, Road Runner Federal Com 1H & 2H Central Tank Battery (CTB) located in Unit O, Section 25, Township 25 South, Range 26 East, NMPM, Eddy County, New Mexico, except when the CTB is over capacity, CTB is in repair, or the pipeline is in repair.

In any of these scenarios, the oil shall be transported to either the Red Hills Offload Station (Red Hills CTB) located in Unit O, Section 4, Township 26 South, Range 32 East, NMPM, Lea County, New Mexico, or the Jal Offload Station (Jal CTB) located in Unit D, Section 4, Township 26 South, Range 37 East, NMPM, Lea County, New Mexico.

All meters for the above-referenced wells shall be physically separated from facilities for other wells, so that production from the above-referenced wells will not be commingled prior to measurement with production from any other well.

OLM-133
COG Operating, LLC
February 14, 2018
Page 2 of 2

Production from the subject wells shall be determined as follows:

Oil shall remain segregated and measured by a LACT meter at the Red Hills CTB or the Jal CTB when it is utilized.

This permit does not authorize the surface commingling of this oil production with oil production from other pools or leases.

It is also understood that you have given due notice of this application to all working interest owners who are "affected persons," as defined in Division Rule 19.15.23.9 (A) NMAC.

The operator shall notify the Artesia District Office of the Division before commencement of Off-Lease Measurement.

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



HEATHER RILEY
Director

HR/mam

cc: Oil Conservation Division – Artesia District Office
New Mexico State Land Office – Oil, Gas, and Minerals Division