

RECEIVED:	REVIEWER:	TYPE:	APP NO:
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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



AUG 21 2017

RECEIVED**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 PRODUCTION LLC**OGRID Number:** 217995**Well Name:** COPPERHEAD 31 FEE 20H**API:** 30-015-44319**Pool:** PURPLE SAGE; WOLFCAMP (GAS)**Pool Code:** 98220

**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

NM OIL CONSERVATION
 ARTESIA DISTRICT

AUG 24 2017

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☐ PPR**RECEIVED****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.

DEBORA L. WILBOURN

Print or Type Name

Signature

8/16/17
 Date

575-748-6958

Phone Number

dwilbourn@concho.com

e-mail Address

August 16, 2017
Oil Conservation Division
Page 2

The owners of said tracts have been notified by certified letter of COG's proposed non-standard unit. The notice letters advise the owners that in the event they have an objection to COG's application, they must file a written letter of objection with the Division within twenty (20) days from the date the Division receives the application.

Thank you for your consideration of this application. Should you have questions or require further information, please contact me at 575-748-6958 or by email at dwilbourn@concho.com.

Sincerely,

A handwritten signature in cursive script that reads "Debora L. Wilbourn".

Debora L. Wilbourn
Regulatory Analyst

Enclosures
cc: OCD Artesia

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 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) 478-3460 Fax: (505) 478-3482State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505HOBBS, NM
AUG 24 2017
Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
30-015-44319	98220	Purple Sage; Wolfcamp
Property Code	Property Name	Well Number
318350	COPPERHEAD 31 FEE	20H
GRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	2928.7'

Surface Location

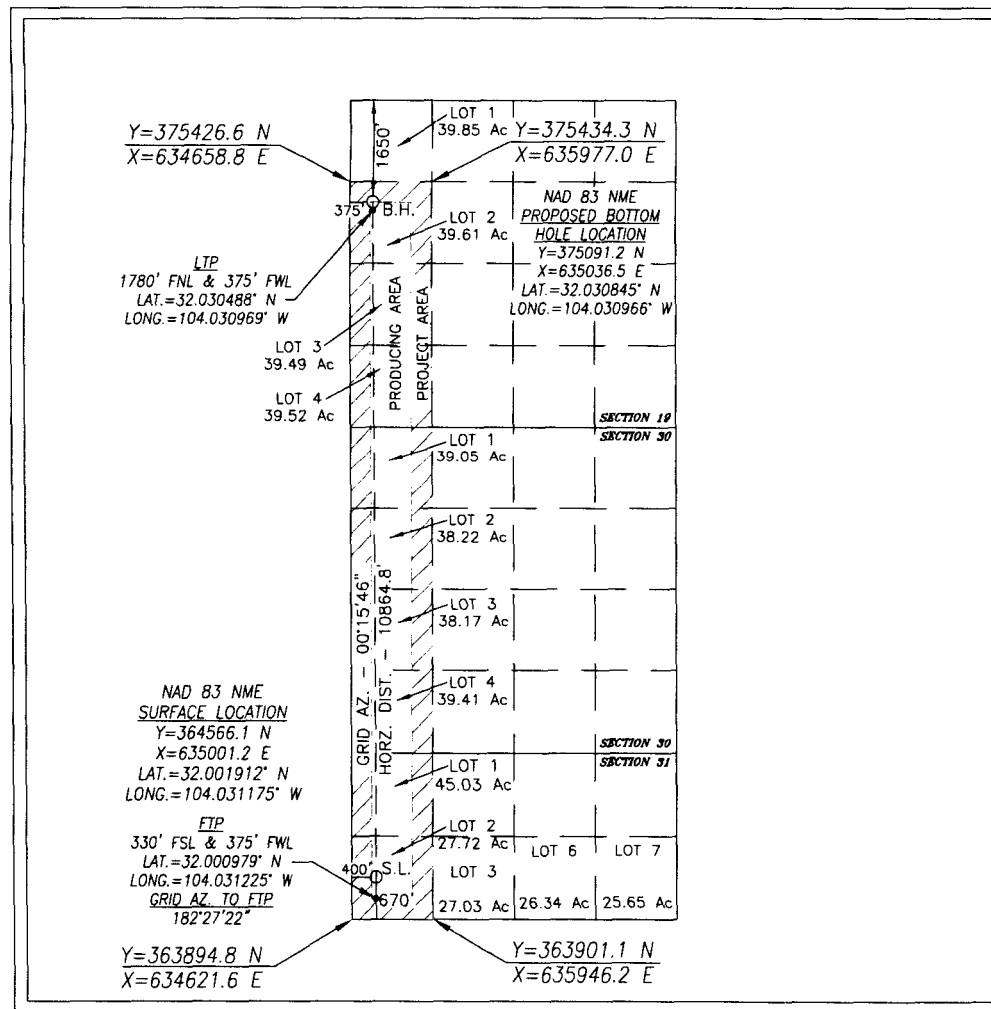
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	31	26-S	29-E		670	SOUTH	400	WEST	EDDY

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
2	19	26-S	29-E		1650	NORTH	375	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
343.26			

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 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: *Debora L. Wilbourn* Date: 8/16/17

Printed Name: Debora L. Wilbourn

E-mail Address: dwilbourn@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.

MAY 1, 2017

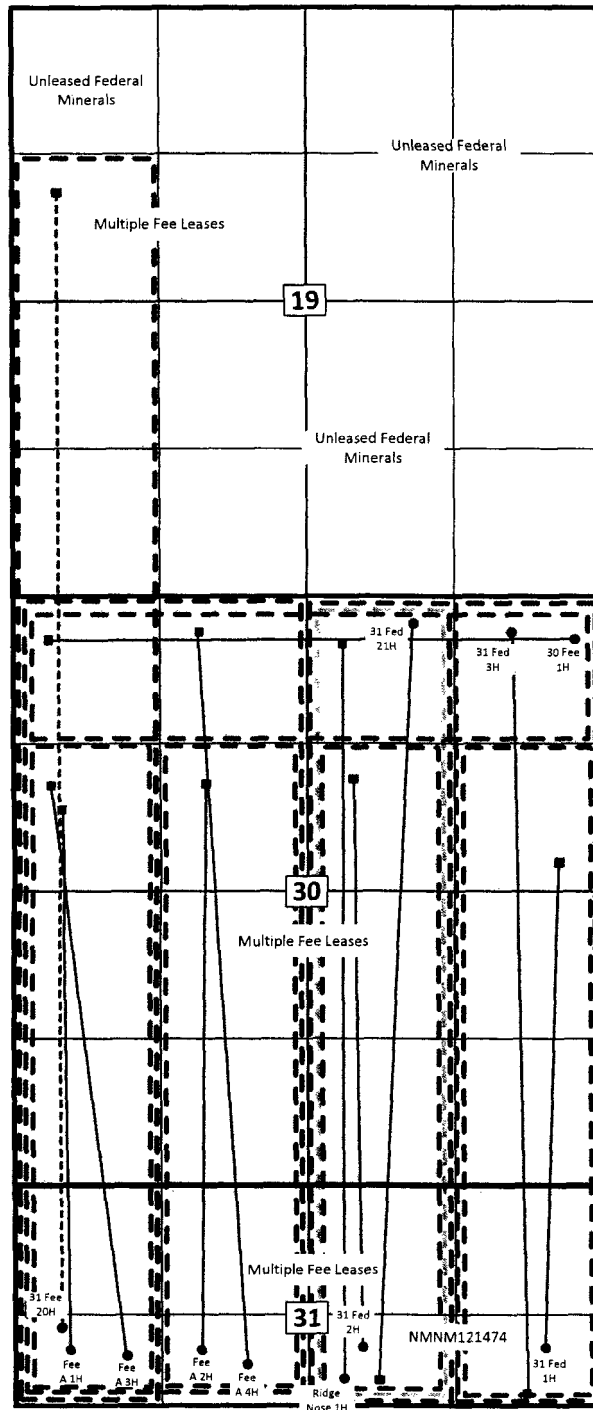
Date of Survey

Signature & Seal of Professional Surveyor



Signature: *Chad Harcrow* Date: 5/17/17
Certificate No. CHAD HARCROW 17777
W.O. # 17-526 DRAWN BY: SA

Copperhead Area Wells



- Existing SHL
- Existing BHL
- Proposed SHL
- Proposed BHL
- ▨ BS CA/Pooled Unit
- ▨ WC CA/Pooled Unit
- ▨ Prpl Sage WC Pooled Unit
- ▨ Delaware CA

Delaware Wells

Ridge Nose Fed Com 1H

Bone Spring Wells

Copperhead 30 Fee 1H
 Copperhead 31 Fed Com 1H
 Copperhead 31 Fed Com 2H
 Copperhead Fee A 1H
 Copperhead Fee A 2H
 Copperhead Fee A 3H

Wolfcamp Wells

Copperhead Fee A 4H - Prpl Sage
 Copperhead 31 Fed Com 2H - NSP
 Copperhead Fed Com 21H - NSP
 Copperhead 31 Fee 20H - NSP

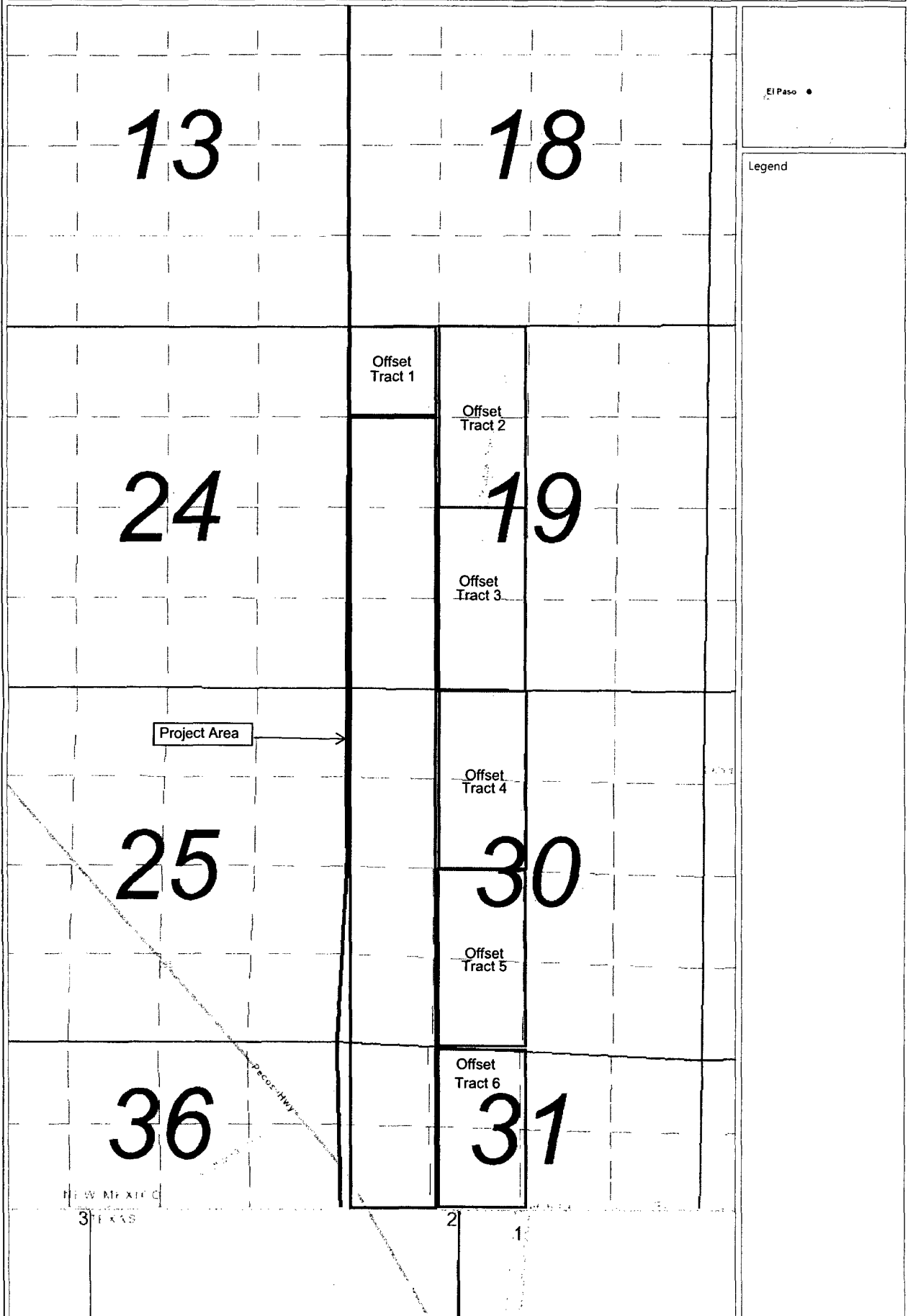
Sec. 19, 30, 31-T26S-R29E
 Eddy County, NM



COMMISSION

T26S-R29E, Eddy County

Copperhead 31 Fee #20H



El Paso •

Legend

Project Area

Offset
Tract 1

Offset
Tract 2

Offset
Tract 3

Offset
Tract 4

Offset
Tract 5

Offset
Tract 6

NEW MEXICO
TEXAS

2

1

0.24 0 0.24 0.48 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

Map Scale 1:18,055



Copperhead 31 Fee #20H – NSP Application Mailing List

**Offset Tracts
1 & 3**

Lot 1 and E/2 SW/4, Section 19-T26S-R29E

UNLEASED FEDERAL LANDS:

Bureau of Land Management
301 Dinosaur Trail
Santa Fe, NM 87508

Receipt # - 7016 0910 0000 2654 6283

**Offset Tract
2**

E/2 NW/4, Section 19-T26S-R29E

MINERAL INTEREST OWNERS:

Delaware Ranch, Inc.
1304 W. Riverside Drive
Carlsbad, NM 88220

Receipt # - 7016 0910 0000 2654 6320

Pardue Limited Company, LLC
PO Box 2018
Carlsbad, NM 88221

Receipt # - 7016 0910 0000 2654 6375

Edwin H. Fowlkes, Jr.
Aka Trey Fowlkes
PO Box 23416
Waco, TX 76702

Receipt # - 7016 2070 0000 8090 8961

Kathleen Fowlkes Moller
Box 516
Springville, UT 84663

Receipt # - 7016 2070 0000 8090 9067

Christopher Clegg Fowlkes
404 Glenosa Dr
El Paso, TX 79928

Receipt # - 7016 2070 0000 8090 8954

Christine Speidel Fowlkes
404 Glenosa Dr
El Paso, TX 79928

Receipt # - 7016 2070 0000 8090 8879

Frank Blow Fowlkes
316 Granada Ave
El Paso, TX 79912

Receipt # - 7016 2070 0000 8090 8886

Maco Stewart Fowlkes
7915 Fairdale Lane
Houston, TX 77063
Receipt # - 7016 2070 0000 8090 8923

John M. Fowlkes
PO Box 1470
Marfa, TX 79843
Receipt # - 7016 2070 0000 8090 8909

Estate of Marian Fowlkes Minniece
3014 Virginia Street
Houston, TX 77098
Receipt # - 7016 0910 0000 2654 6337

J.M. Fowlkes, Jr.
1801 Madison St
Pecos, TX 79772
Receipt # - 7016 2070 0000 8090 8893

Lauren Fowlkes
2048 Timberline Dr
Naples, FL 34109
Receipt # - 7016 2070 0000 8090 8916

NVMR Trust #1
Nancy A. Donley, Trustee
2506 Wilderness Hill
San Antonio, TX 78231
Receipt # - 7016 0910 0000 2654 6351

Preston L. Fowlkes
PO Box 966
Marfa, TX 79843
Receipt # - 7016 2070 0000 8090 8947

Patrick K. Fowlkes
PO Box 658
Marfa, TX 79843
Receipt # - 7016 2070 0000 8090 8930

Daniel Vlosich, Trustee of
the Daniel Vlosich Trust
104 Twin Lakes Circle
Umatilla, FL 32784
Receipt # - 7016 0910 0000 2654 6313

Sonia Scott
2250 S Emerson Place
Chandler, AZ 85286
Receipt # - 7016 2070 0000 8090 9098

Russell Parchman and Barbara B. Parchman,
Trustees of the Russell Carver Parchman
and Barbara Bratton Parchman Trust
8040 Frankford Road #317
Dallas, TX 75252
Receipt # - 7016 0910 0000 2654 6382

Penny Harrison
2101 Brooklake West
Denton, TX 76207
Receipt # - 7016 2070 0000 8090 8978

Linda Tenberg
500 Egger Cove
Round Rock, TX 78664
Receipt # - 7016 2070 0000 8090 9111

Mark A. Parchman
7 Cordella Place
The Woodlands, TX 77382
Receipt # - 7016 2070 0000 8090 9074

LEASEHOLD ESTATE:

MRC Permian Company
One Lincoln Centre Ste 1500
5400 LBJ Freeway
Dallas, TX 75240
Receipt # - 7016 0910 0000 2654 6344

Beacon E&P Resources LLC
1600 Broadway, Ste 1800
Denver, CO 80202
Receipt # - 7016 0910 0000 2654 6269

Black Mountain Operating LLC
500 Main St., Suite 500
Ft. Worth, TX 76102
Receipt # - 7016 0910 0000 2654 6276

OVERRIDING ROYALTY INTERESTS:

R. F. Fort
PO Box 65043
Lubbock, TX 79464
Receipt # - 7016 2070 0000 8090 8862

Madison M. Hinkle
PO Box 2292
Roswell, NM 88202
Receipt # - 7016 2070 0000 8090 8985

Rolla R. Hinkle
303 Coal Drive
Ruidoso, NM 88345
Receipt # - 7016 2070 0000 8090 8992

**Offset Tract
3**

E/2 NW/4, Section 3-T26S-R29E

MINERAL INTEREST OWNERS:

Lon C. Colvin
Box 683
Lockney, TX 79241
Receipt # - 7016 0910 0000 2654 6474

Terry Brewer
PO Box 41
Lockney, TX 79421
Receipt # - 7016 0910 0000 2654 6450

Dianne Brewer
PO Box 388
Lockney, TX 79241
Receipt # - 7016 0910 0000 2654 6443

Marie Colvin, for life
PO Box 254
Childress, TX 79201
Receipt # - 7016 0910 0000 2654 6481

Jo Beth Ware
3605 Grandview
Plainview, TX 79072
Receipt # - 7016 2070 0000 8090 9128

Janice Simmons Mitchell
800 West Main St
Crosbyton, TX 79322
Receipt # - 7016 2070 0000 8090 9050

Ruby Simmons Dewbre
307 S. Ayrshire St
Crosbyton, TX 79322
Receipt # - 7016 2070 0000 8090 8848

David Clyde Simmons
1081 CR 119
Lorenzo, TX 79343
Receipt # - 7016 2070 0000 8090 9104

Judy Kathryn Mann
PO Box 53191
Lubbock, TX 79453
Receipt # - 7016 2070 0000 8090 9012

Reba Cargile
PO Box 421
Crosbyton, TX 79322
Receipt # - 7016 0910 0000 2654 6467

LEASEHOLD ESTATE:

Chevron U.S.A., Inc. (NE/4 NW/4)
15 Smith Road
Midland, TX 79705
Receipt # - 7016 0910 0000 2654 6306

OXY USA Inc. (SE/4 NW/4)
5 Greenway Plaza, Suite 110
Houston, TX 77046
Receipt # - 7016 0910 0000 2654 6368

**Offset Tract
4**

E/2 SW/4 Section 30, T26S-R29E

MINERAL INTEREST OWNERS:

Shirley Smith McCoy
1309 S. Waco Street
Weatherford, TX 76086
Receipt # - 7016 2070 0000 8090 9029

Dwayne Keith Blue
4105 Bluffpoint Road
Rowlett, TX 75088
Receipt # - 7016 0910 0000 2654 6429

Michael Wayne Blue
5976 State Highway 323 W
Henderson, TX 75652
Receipt # - 7016 0910 0000 2654 6436

Nanette Blue Weghorst
1745 Plummer Drive
Rockwall, TX 75087
Receipt # - 7016 2070 0000 8090 9135

Laura Jean Peek
1315 Clear Meadow
Rockwall, TX 75087
Receipt # - 7016 2070 0000 8090 9081

LeeAnn Blue Anderson
1425 High Meadow Drive
Royse City, TX 75189
Receipt # - 7016 0910 0000 2654 6412

LEASEHOLD ESTATE:

OXY USA Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046
Receipt # - 7016 0910 0000 2654 6368



NE/4 NW/4 and Lot 3 Section 19, T26S-R29E

MINERAL INTEREST OWNERS:

West Penn Consulting LLC
PO Box 11148
Midland, TX 79702
Receipt # - 7016 0910 0000 2654 6405

Charles R. Wiggins
110 N. Marienfeld Suite 160
Midland, TX 79701
Receipt # - 7016 2070 0000 8090 9142

Carmex Inc.
PO Box 1718
Carlsbad, NM 88221
Receipt # - 7016 0910 0000 2654 6290

Marsha Lynn McGahey
5400 Hopper Rd
Burleson, TX 76028
Receipt # - 7016 2070 0000 8090 9036

Richard M. Hullett
14525 Highway 6
Eastland, TX 76448
Receipt # - 7016 2070 0000 8090 9005

Sandra Hullett Melton
3618 60th St
Lubbock, TX 79413
Receipt # - 7016 2070 0000 8090 9043

Louise Ferguson
PO Box 626
Eastland, TX 76448
Receipt # - 7016 2070 0000 8090 8855

Vicki Woods Trust
Mary Louise Ferguson, Trustee
1011 West 14th
Cisco, TX 76437
Receipt # - 7016 0910 0000 2654 6399

LEASEHOLD ESTATE:

OXY USA Inc.
5 Greenway Plaza, Suite 110
Houston, TX 77046
Receipt # - 7016 0910 0000 2654 6368



August 16, 2017

HOBBS OCD

AUG 21 2017

RECEIVED

~~Oil Conservation Division
Attention: Mr. Leonard Lowe
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505~~

copy

Re: Application for Non-standard Proration Unit
Copperhead 31 Fee #20H
API #30-015-44319
SHL: 670' FSL 400' FWL (Lot 2), Sec. 31-T26S-R29E
BHL: 1650' FNL 375' FWL (Lot 2), Sec. 19-T26S-R29E
Eddy County, New Mexico

Dear Mr. Lowe:

Pursuant to Division Rule 19.15.15.11, COG Operating LLC (COG) respectfully requests administrative approval of a Non-standard Proration Unit and Non-standard Project Area for the Copperhead 31 Fee #20H well. The proposed acreage dedication is less than the Purple Sage; Wolfcamp (gas) pool rules requirement and one spacing unit in the project area contains less than 70% of the required 40 acres. Attached is Form C-102 showing the project and producing areas of this well. The wellbore, as well as first and last take points, fall within the standard location boundaries.

COG is seeking approval of the non-standard unit due to the change of Wolfcamp pool rules in this area. The new Purple Sage; Wolfcamp (gas) pool rules would require an acreage dedication of W/2 of Section 19, the W/2 of Section 30, and the NW/4 of Section 31 (773.10 acres). The factors supporting COG's request for a smaller acreage dedication are as follows:

- COG's existing Copperhead Fee A #4H well is producing from the Purple Sage; Wolfcamp (gas) pool. The spacing unit for this well is the W/2 of Section 31 and the NW/4 of Section 30. Due to the fact COG is including acreage in Section 19 in the wellbore of the proposed Copperhead 31 Fee #20H, it cannot be drilled as an infill well.
- Due to unleased federal mineral acreage in the NW/4NW/4 and E/2SW/4 of Section 19, COG is also unable to dedicate the required acreage under the Purple Sage; Wolfcamp pool (gas) rules in this section.

The affected offset tracts are as follows:

Township 26 South, Range 29 East

Section 19: NW/4NW/4 (Tract 1)
E/2NW/4 (Tract 2)
E/2SW/4 (Tract 3)
Section 30: E/2NW/4 (Tract 4)
E/2SW/4 (Tract 5)
Section 31: E/2NW/4 (Tract 6)