

DATE IN 6/23/2016	SUSPENSE	ENGINEER MAM	LOGGED IN 6/24/2016	TYPE CTB	APP NO PMA1617628687
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☒ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

CTB 756
Halberd 27 State Com 1H 30-015-42967
Halberd 27 State Com 2H 30-015-42881
Halberd 27 State Com 3H 30-015-42782
Halberd 27 State Com 21H API Pending

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

- [A] ☒ Working, Royalty or Overriding Royalty Interest Owners
[B] ☐ Offset Operators, Leaseholders or Surface Owner
[C] ☐ Application is One Which Requires Published Legal Notice
[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
[E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Kanicia Castillo

Lead Regulatory Analyst

04/14/15

Print or Type Name

Signature

Title

Date

kcastillo@concho.com
e-mail Address

June 22, 2016

RECEIVED OGD

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

2016 JUN 23 P 3:38

Re: Request to Surface Commingle

Mr. McMillan,

COG Operating LLC respectfully requests approval to Surface Commingle our Halberd 27 State Com wells to our Halberd 27 State Com 3H battery facility.

Halberd 27 State Com #1H
Eddy County, NM
Surface: 1003' FSL & 65' FWL
Sec. 26, T17S, R28E, Unit L
Artesia; Glorieta-Yeso 96830
API# 30-015-42881
Dismissed
Division order 14006 & Commission
K-14006

Halberd 27 State Com #3H
Eddy County, NM
Surface: 2090' FNL & 45' FEL
Sec. 27, T17S, R28E, Unit H
Artesia; Glorieta-Yeso 96830
API# 30-015-42782

Halberd 27 State Com #2H
Eddy County, NM
Surface: 2182' FSL & 39' FWL
Sec. 26, T17S, R28E, Unit M
Artesia; Glorieta-Yeso 96830
API# 30-015-42967
Dismissed
Division order 14005 & Commission
K-14005

Halberd 27 State Com #21H
Eddy County, NM
Surface: 644' FSL & 137' FWL
Sec. 26, T17S, R28E, Unit M
Artesia; Glorieta-Yeso 96830
API# Pending

depth severances dismissed
Commission

Consolidating our battery facilities will extend the economic life for these wells and lessen surface disturbance. The Halberd 27 State Com 2H 3H and 21H will have its own separator and the 1H will be determined by subtraction method. Commingling will not reduce the value of production.

Attached is a diagram of the battery facility, a map showing the well locations and the location of the CTB, admin checklist, and notice to all interest owners and publication.

Please contact me at 432-685-4332 should you have any questions.

Sincerely,

Kania Castillo
Lead Regulatory Analyst
COG Operating, LLC

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 Artesia; Glorieta-Yeso
(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) Subtraction Method

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

- (1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: K. C. TITLE: Lead Regulatory Analyst DATE: 06/10/16
TYPE OR PRINT NAME: Kanicia Castillo TELEPHONE NO.: 432-685-4332
E-MAIL ADDRESS: kcastillo@concho.com

HALBERD 27 STATE COM 3H BATTERY
SECTION 27, T17S, R28E
EDDY COUNTY, NM

WELLS:

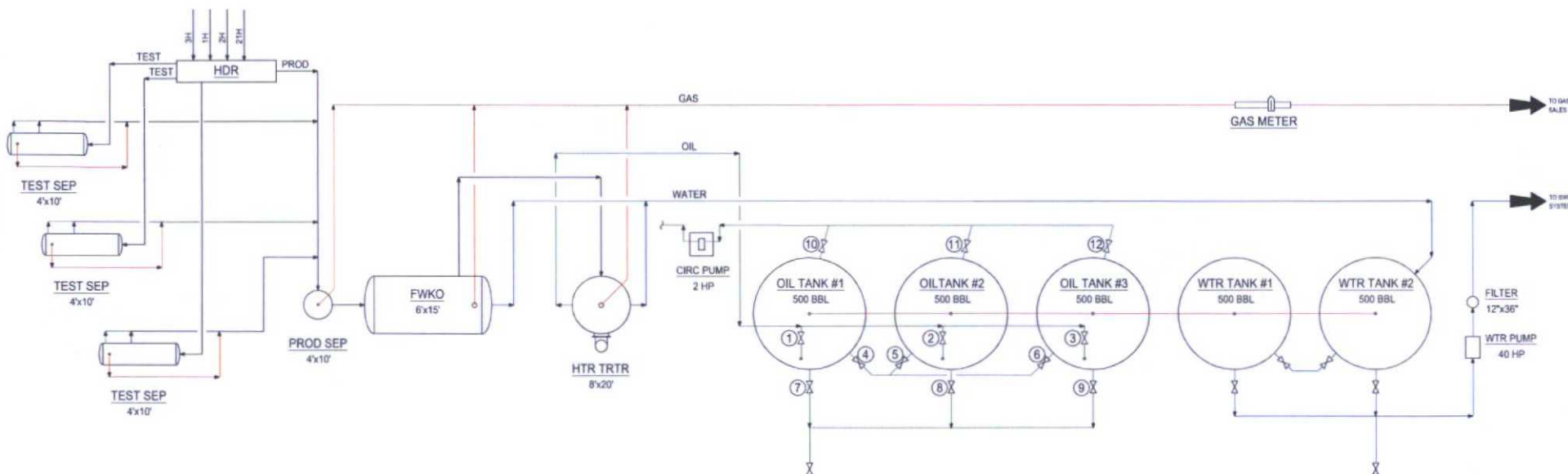
HALBERD 27 STATE COM 3H: 30-015-42782 (PRODUCING)
HALBERD 27 STATE COM 1H: 30-015-42967 (FUTURE DRILL)
HALBERD 27 STATE COM 2H: 30-015-42881 (FUTURE DRILL)
HALBERD 27 STATE COM 21H: PENDING (FUTURE DRILL)

Production Phase - Oil Tank #1

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

Sales Phase - Oil Tank #1

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



COG Operating LLC
Site Security Plans Located At:
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

Ledger for Site Diagram

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

NOTES:

Type of Lease: STATE
Property Code: 313860
OGRID #: 229137

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

REFERENCE DRAWINGS

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

REVISIONS

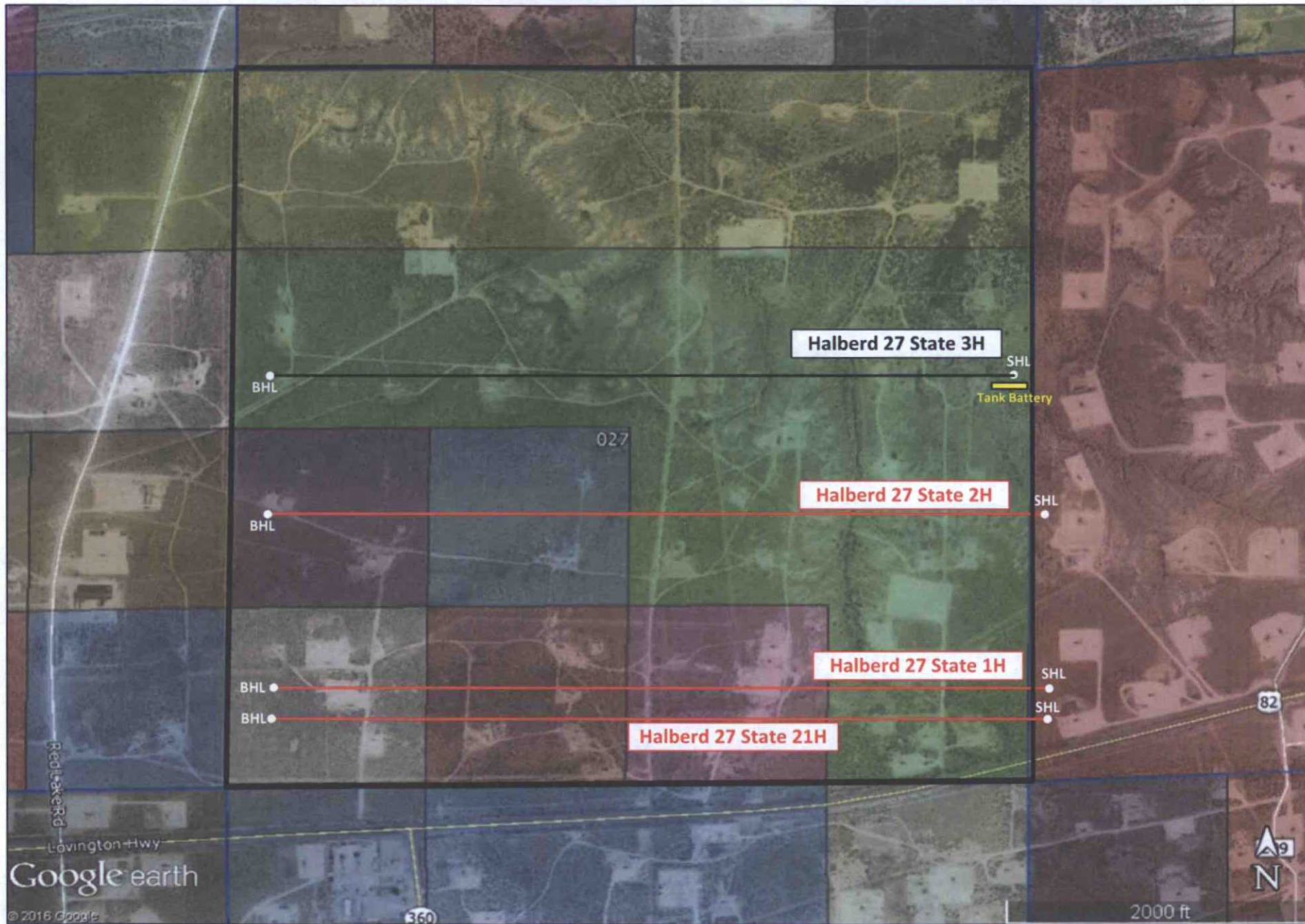
NO.	DATE	DESCRIPTION	BY	CHK.	APP.
A	06/01/12	ISSUE FOR SITE PERMITTING	CRB		
B	03/03/15	ISSUE FOR COMMENCE PERMIT	KCH		

ENGINEERING RECORD

BY	DATE
DRN: CRB	06/01/12
DES: CRB	06/01/12
CHK:	
APP:	
DATE NO:	
DATE NO:	C. BLEDSOE
DATE NO:	VARIABLES
SCALE:	NONE



NEW MEXICO SHELF ASSET
PRODUCTION FACILITIES
SITE FACILITY DIAGRAM
HALBERD 27 STATE COM 3H BATTERY
EDDY COUNTY, NEW MEXICO
DWG NO. D-1700-81-005
REV B



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, Artec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1210 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

NM OIL CONSERVATION
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

RECEIVED
APR 28 2016

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-42967		2 Pool Code 96830		3 Pool Name Artesia; Glorieta Yeso	
4 Property Code		5 Property Name HALBERD 27 STATE COM			6 Well Number 1H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3680'
10 Surface Location					
UL or lot no. M	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the 1003
		North/South line SOUTH		Feet from the 65	East/West line WEST
				County EDDY	
11 Bottom Hole Location If Different From Surface					
UL or lot no. M	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 975
		North/South line SOUTH		Feet from the 330	East/West line WEST
				County EDDY	
12 Dedicated Acres 160	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.

		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 undivided mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order as determined by the division. Signature: <i>[Signature]</i> Date: 4-28-16 Printed Name: Kelly J. Holly E-mail Address: kholly@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: 10-14-2014 Signature and Seal of Professional Surveyor: <i>[Signature]</i> 19680 Certificate Number	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-42881		2 Pool Code 96836		3 Pool Name Red Lake;Glorieta-Yeso, Northeast	
4 Property Code 313860		5 Property Name HALBERD 27 STATE COM			6 Well Number 2H
7 GRID NO. 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3630'
10 Surface Location					
UL or lot no. L	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the North/South line 2182 SOUTH 39 WEST
11 Bottom Hole Location If Different From Surface					
UL or lot no. L	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the North/South line 2281 SOUTH 330 WEST
12 Dedicated Acres 160		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.

		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>Kanicia Castillo</u> Date: <u>4/14/15</u> Printed Name: <u>Kanicia Castillo</u> E-mail Address: <u>kcastillo@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. 9-15-2014 Date of Survey Signature and Seal of Professional Surveyor: <u>Robert M. Howett</u> 19680 Certificate Number		CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1941" N 654171.7 - E 549562.6 B: FOUND BRASS CAP "1941" N 656782.8 - E 549589.7 C: FOUND BRASS CAP "1941" N 659394.4 - E 549615.6 D: FOUND BRASS CAP "1941" N 659403.5 - E 552227.1 E: FOUND BRASS CAP "1941" N 659411.7 - E 554838.6 F: FOUND BRASS CAP "1941" N 659612.8 - E 557438.4 G: FOUND BRASS CAP "1941" N 659806.8 - E 560025.7 H: FOUND BRASS CAP "1941" N 657151.1 - E 560029.7 I: FOUND BRASS CAP "1941" N 654489.2 - E 560017.8 J: FOUND BRASS CAP "1941" N 654360.8 - E 557407.3 K: FOUND BRASS CAP "1941" N 654234.8 - E 554798.0 L: FOUND BRASS CAP "1941" N 654203.5 - E 552180.8 M: FOUND BRASS CAP "1941" N 656823.2 - E 554818.4 1: CALCULATED CORNER N: 655477.2 - E: 549576.2 2: CALCULATED CORNER N: 655529.0 - E: 554808.2 3: CALCULATED CORNER N: 655601.3 - E: 556109.3 4: CALCULATED CORNER N: 656904.8 - E: 556115.9

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 393-6161 Fax (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone (505) 749-1283 Fax (505) 749-4120
District III
1000 Rio Hondo Blvd., Artesia, NM 88210
Phone (505) 334-6171 Fax (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax (505) 476-3462

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-42782		2 Prod Code 96836		3 Prod Name Red Lake;Glorieta-Yeso, Northeast	
4 Property Code 313860		5 Property Name HALBERD 27 STATE			6 Well Number 3H
7 (NRI) NO 229137		8 Operator Name COG OPERATING, LLC			9 Elevation 3610'
10 Surface Location					
11 U.I. or lot no H	12 Section 27	13 Township 17-S	14 Range 28-E	15 Lot Idn 2090	16 Feet from the NORTH
				17 Feet from the 45	18 East West line EAST
				19 County EDDY	
20 Bottom Hole Location If Different From Surface					
21 U.I. or lot no E	22 Section 27	23 Township 17-S	24 Range 28-E	25 Lot Idn 2276	26 Feet from the NORTH
				27 Feet from the 389	28 East West line WEST
				29 County EDDY	
30 Dedicated Acres 160		31 Joint or Infill		32 Consolidation Code	
				33 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.

GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 657122.9 - E 554777.3 LAT 32 80694008" N LONG 104 15505056" W BOTTOM LOCATION N 657086.3 - E 549922.6 CORNER DATA NAD 27 GRID - NM EAST A. BRASS CAP 1941 N 654171.7 - E 549562.6 B. BRASS CAP 1941 N 656782.8 - E 549589.7 C. BRASS CAP 1941 N 659394.4 - E 549615.6 D. BRASS CAP 1941 N 659403.5 - E 552227.1 E. BRASS CAP 1941 N 659411.7 - E 554832.6 F. BRASS CAP 1941 N 656823.2 - E 554818.4 G. BRASS CAP 1941 N 654234.8 - E 554798.0 H. BRASS CAP 1941 N 654203.5 - E 552180.8		"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 an undivided mineral interest in the land underlying the proposed bottom hole location or has a right to drill the 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 under authority conferred by the division. Signature: <u>Chasity Jackson</u> Date: <u>4/6/15</u> Printed Name: <u>Chasity Jackson</u> E-mail Address: <u>cjackson@concho.com</u> "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: <u>4-10-14</u> Signature and Seal of: <u>HARRY W. BUSBY</u> 11398 Certificate Number Revised: 4-24-14
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RRC - Firm No.: TX 10193838 NM 4655451 - Job No.: LS140137A

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

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 HALBERD 27 STATE COM						6 Well Number 21H	
7 GRID NO.		8 Operator Name COG OPERATING, LLC						9 Elevation 3681'	
10 Surface Location									
UL or lot no. M	Section 26	Township 17S	Range 28E	Lot Idn	Feet from the 644	North/South line SOUTH	Feet From the 137	East/West line WEST	County EDDY
11 Bottom Hole Location If Different From Surface									
UL or lot no. M	Section 27	Township 17S	Range 28E	Lot Idn	Feet from the 972	North/South line SOUTH	Feet from the 330	East/West line WEST	County 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.

				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. 4-22-2016 Date of Survey Signature and Seal of Professional Surveyor _____ 19680 Certificate Number		GEODETIC DATA NAD 27 GRID - NM EAST SURFACE LOCATION N 654885.2 - E 554939.9 LAT: 32.80024117° N LONG: 104.15453471° W BOTTOM LOCATION N 655147.4 - E 549902.6 LAT: 32.80094833° N LONG: 104.17092690° W			
CORNER DATA NAD 27 GRID - NM EAST A: FOUND BRASS CAP "1941" N 654171.7 - E 549562.6 B: FOUND BRASS CAP "1941" N 656782.8 - E 549589.7 C: FOUND BRASS CAP "1941" N 659394.4 - E 549615.6 D: FOUND BRASS CAP "1941" N 659403.5 - E 552227.1 E: FOUND BRASS CAP "1941" N 659411.7 - E 554838.6 F: FOUND BRASS CAP "1941" N 659612.6 - E 557438.4 G: FOUND BRASS CAP "1941" N 659806.8 - E 560025.7		H: FOUND BRASS CAP "1941" N 657151.1 - E 560029.7 I: FOUND BRASS CAP "1941" N 654489.2 - E 560017.8 J: FOUND BRASS CAP "1941" N 654360.8 - E 557407.3 K: FOUND BRASS CAP "1941" N 654234.8 - E 554798.0 L: FOUND BRASS CAP "1941" N 654203.5 - E 552180.8 M: FOUND BRASS CAP "1941" N 656823.2 - E 554818.4 1: CALCULATED POINT N 655529.0 - E 554808.2 2: CALCULATED POINT N 655477.2 - E 549576.2			

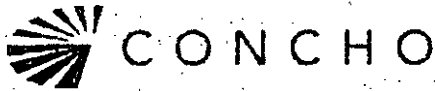
Halberd 27 State Com 3H
Production Data

Daily Prod Entity Name	Prod Date	Oil Volume	Gas Volume	Water Volume
HALBERD 27 STATE #3H	04/14/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	04/13/2015	200.8500	304.0000	1,854.0000
HALBERD 27 STATE #3H	04/12/2015	221.8100	293.0000	1,907.0000
HALBERD 27 STATE #3H	04/11/2015	226.6600	300.0000	1,898.0000
HALBERD 27 STATE #3H	04/10/2015	205.0400	295.0000	1,928.0000
HALBERD 27 STATE #3H	04/09/2015	195.2800	296.0000	1,931.0000
HALBERD 27 STATE #3H	04/08/2015	223.1700	296.0000	1,972.0000
HALBERD 27 STATE #3H	04/07/2015	197.3700	272.0000	1,881.0000
HALBERD 27 STATE #3H	04/06/2015	223.1800	264.0000	1,918.0000
HALBERD 27 STATE #3H	04/05/2015	202.9600	231.0000	1,937.0000
HALBERD 27 STATE #3H	04/04/2015	167.3800	281.0000	1,934.0000
HALBERD 27 STATE #3H	04/03/2015	178.5900	242.0000	1,992.0000
HALBERD 27 STATE #3H	04/02/2015	188.3000	264.0000	1,861.0000
HALBERD 27 STATE #3H	04/01/2015	164.6100	129.0000	1,569.0000
Monthly Average:		185.3714	247.6429	1,755.8571
HALBERD 27 STATE #3H	03/31/2015	117.4000	105.0000	1,630.0000
HALBERD 27 STATE #3H	03/30/2015	175.7500	124.0000	1,640.0000
HALBERD 27 STATE #3H	03/29/2015	89.2700	39.0000	1,216.0000
HALBERD 27 STATE #3H	03/28/2015	167.6300	133.0000	1,806.0000
HALBERD 27 STATE #3H	03/27/2015	153.4400	102.0000	1,802.0000
HALBERD 27 STATE #3H	03/26/2015	103.2100	57.0000	1,949.0000
HALBERD 27 STATE #3H	03/25/2015	50.2200	0.0000	2,011.0000
HALBERD 27 STATE #3H	03/24/2015	16.7700	1.0000	1,341.0000
HALBERD 27 STATE #3H	03/23/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/22/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/21/2015	16.7800	47.0000	382.0000
HALBERD 27 STATE #3H	03/20/2015	69.9200	92.0000	1,929.0000
HALBERD 27 STATE #3H	03/19/2015	0.0000	58.0000	2,079.0000
HALBERD 27 STATE #3H	03/18/2015	0.0000	34.0000	2,091.0000
HALBERD 27 STATE #3H	03/17/2015	0.0000	15.0000	2,182.0000
HALBERD 27 STATE #3H	03/16/2015	0.0000	9.0000	1,412.0000
HALBERD 27 STATE #3H	03/15/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/14/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/13/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/12/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/11/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/10/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/09/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/08/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/07/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/06/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/05/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/04/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/03/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/02/2015	0.0000	0.0000	0.0000
HALBERD 27 STATE #3H	03/01/2015	0.0000	0.0000	0.0000
Monthly Average:		30.9803	26.3226	757.0968

Hung on: 3/5/15

1st Production: 3/16/15

6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Kerr-McGee O&G Onshore LP[1201 Lake Robbins]The Woodlands, TX 77380[GCR: 91-7199-9991-7036-0788-5352]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Jalapeno Corporation[1429 Central Avenue NW]Albuquerque, NM 87104[GCR: 91-7199-9991-7036-0788-5369]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Matador Resources Company[P.O. Box 1933]Roswell, NM 88202[GCR: 91-7199-9991-7036-0788-5376]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Yates Energy Corporation[P.O. Box 2323]Roswell, NM 88202[GCR: 91-7199-9991-7036-0788-5383]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Santo Legado LLP[P.O. Box 1020]Artesia, NM 88210[GCR: 91-7199-9991-7036-0788-5390]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mar gold LLP[P.O. Box 1290]Artesia, NM 88211[GCR: 91-7199-9991-7036-0788-5406]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Tulpan LLC[P.O. Box 1020]Artesia, NM 88211-1020[GCR: 91-7199-9991-7036-0788-5413]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to John A. Yates[105 South 4th Street]Artesia, NM 88210[GCR: 91-7199-9991-7036-0788-5420]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to John A. Yates, Trustee of Trust Q under the will of Peggy A. Yates[105 South 4th Street]Artesia, NM 88210[GCR: 91-7199-9991-7036-0788-5437]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Sharbro Energy LLC[105 South 4th Street]Artesia, NM 88210[GCR: 91-7199-9991-7036-0788-5444]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Yates Industries LLC[105 South 4th Street]Artesia, NM 88210[GCR: 91-7199-9991-7036-0788-5451]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Occidental Petroleum Limited Partnership[5 Greenway Plaza, Suite 110]Houston, TX 77046-0526[GCR: 91-7199-9991-7036-0788-5017]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Onso Ltd [670 Dona Ana Rd SW]Deming, NM 88030-6278[GCR: 91-7199-9991-7036-0788-5024]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Black Shale Mineral, LLC[P.O. Box 2243]Longview, TX 75606[GCR: 91-7199-9991-7036-0788-5031]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Clayton Williams Energy, Inc.[6 Desta Drive, Suite 1100]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5048]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mark B. Heinen[1221 S. Main, Suite 206]Boerne, TX 78006[GCR: 91-7199-9991-7036-0788-5055]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Debra Denise Latham, Trustee of the Latham Family Trust[3407 Chotea Place]Midland, TX 79707[GCR: 91-7199-9991-7036-0788-5062]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mel Ruggs[6 Desta Drive, Suite 3000]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5079]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mark Tidale[6Desta Drive, Suite 3000]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5086]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Greg Benton[P.O. Box 51034]Midland, TX 79710[GCR: 91-7199-9991-7036-0788-5093]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to John Kennedy[6 Desta Drive, Suite 3000]Midland, TX 79707[GCR: 91-7199-9991-7036-0788-5499]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Matt Swierc[6 Desta Drive, Suite 3000]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5505]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mickey Cunningham[5313 Chesley Court]Midland, TX 79707[GCR: 91-7199-9991-7036-0788-5109]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Robert Thomas[3808 Roadrunner]Midland, TX 79707[GCR: 91-7199-9991-7036-0788-5116]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mike Pollard[6 Desta Drive, Suite 3000]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5123]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Petras Oil & Gas Inc.,[1603 Holloway Ave.]Midland, TX 79702[GCR: 91-7199-9991-7036-0788-5130]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Manta Oil and Gas[190 E. Stacey Rd.]Allen, TX 75002[GCR: 91-7199-9991-7036-0788-5482]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to S.E.S. Oil & Gas Inc.[P.O. Box 371]Midland, TX 79701[GCR: 91-7199-9991-7036-0788-5475]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Finning Corporation[508 Wall St.]Midland, TX 79701[GCR: 91-7199-9991-7036-0788-5468]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Olwick Corporation[P.O. Box 10886]Midland, TX 79702[GCR: 91-7199-9991-7036-0788-5451]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Wadi Petroleum Inc.[4355 Sylvanfield Blvd]Houston, TX 77014[GCR: 91-7199-9991-7036-0788-5147]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Mary Ann Curtis LLC[P.O. Box 58095]Oklahoma City, OK 73157-0095[GCR: 91-7199-9991-7036-0788-5154]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Carolyn K. Lisle Revocable Trust[P.O. Box 21357]Oklahoma City, OK 73156[GCR: 91-7199-9991-7036-0788-5161]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to GMSR, Ltd., a Texas LP[P.O. Box 113]Midland, TX 79702-0113[GCR: 91-7199-9991-7036-0788-5178]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to DMM Family, LLC[P.O. Box 101]Midland, TX 79702[GCR: 91-7199-9991-7036-0788-5185]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to David W. Marcum[3115 Standing]Midland, TX 79705[GCR: 91-7199-9991-7036-0788-5192]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to C. Ray Marcum Revocable Trust[9425 New Road]Tolar, TX 76476[GCR: 91-7199-9991-7036-0788-5208]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Joachim Marc Schmid[3315 Gentry Drive]West Lake Hills, TX 78746[GCR: 91-7199-9991-7036-0788-5215]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Stacey Hutcherson[112 Garner Drive]Hutto, TX 78634[GCR: 91-7199-9991-7036-0788-5222]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to John Weldon Gilchrist[102 S. Main]Thorndale, TX 76557[GCR: 91-7199-9991-7036-0788-5239]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Marla Jo Moats Schmid[5205 Ram Creek Parkway]Austin, TX 78759[GCR: 91-7199-9991-7036-0788-5246]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Judy F. Mulroy[2231 Pine River Drive]Kingwood, TX 77330[GCR: 91-7199-9991-7036-0788-5253]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Beverly Gooden[P.O. Box 173]Childress, TX 79201-0173[GCR: 91-7199-9991-7036-0788-5260]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to The Wright Company[P.O. Box 752]Stanton, TX 79872[GCR: 91-7199-9991-7036-0788-5277]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Bud F. Walker[1235 Diamondback Dr. NE]Albuquerque, NM 87113[GCR: 91-7199-9991-7036-0788-5284]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Ernest Byron Hailey, III[6 Parwood Court]The Woodlands, TX 77382[GCR: 91-7199-9991-7036-0788-5291]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Michael Lee Hailey[22145 County Road 798]Mathis, TX 78368[GCR: 91-7199-9991-7036-0788-5307]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Marjorie Ann Esteves[1620 Vista Florida]Edinburg, TX 78539[GCR: 91-7199-9991-7036-0788-5314]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Marix Royalty Ltd[P.O. Box 2818]Midland, TX 79702[GCR: 91-7199-9991-7036-0788-5321]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Larry S. Marcum[P.O. Box 2782]Midland, TX 79702[GCR: 91-7199-9991-7036-0788-5338]
6/15/2016	KF	Revised Commingle Notice, C1078 and Tank Battery Diagram	Halberd 27 State Com #3H CTB	Sent Certified Mail to Gordon G. Marcum II Trust[P.O. Box 3350]Albany, TX 76430[GCR: 91-7199-9991-7036-0788-5345]



Sent via email message

July 25, 2016

New Mexico Oil Conservation Commission
Attn: Mr. Michael McMillan
1200 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: Halberd 27 State Com 3H Central Tank Battery

Dear Mr. McMillan:

This letter is in reference to COG Operating LLC's surface commingling application for subject tank battery. Each of the following wells has, or will have, diverse ownership from the other:

Halberd 27 State Com #1H
Eddy County, NM
Surface: 1003' FSL & 65' FWL
Sec. 26, T17S, R28E, Unit M
Artesia; Glorieta-Yeso 96830
API# 30-015-42967

Halberd 27 State Com #2H
Eddy County, NM
Surface: 2182' FSL & 39' FWL
Sec. 26, T17S, R28E, Unit L
Artesia; Glorieta-Yeso 96830
API# 30-015-42881

Halberd 27 State Com #3H
Eddy County, NM
Surface: 2090' FNL & 45' FEL
Sec. 27, T17S, R28E, Unit H
Artesia; Glorieta-Yeso 96830
API# 30-015-42782

Halberd 27 State Com #21H
Eddy County, NM
Surface: 644' FSL & 137' FWL
Sec. 26, T17S, R28E, Unit M
Artesia; Glorieta-Yeso 96830
API# Pending

If you have any questions, please do not hesitate to contact me at (432) 685-2539 or at dpark@concho.com.

Respectfully,
COG OPERATING LLC

Eylan C. Park, RPL
Senior Landman

Wells Operator Data OCD Review OCD Only Administration

OCD Permitting

Home Wells Well Details

30-015-42881 HALBERD 27 STATE #002H [313860]

General Well Information

Operator: [229137] COG OPERATING LLC
 Status: New
 Well Type: Oil Direction: Horizontal
 Work Type: New Lease Type: Private
 Surface Location: L-26-17S-28E 2182 FSL 39 FWL
 Lat/Long: 32.8045569999232, -104.155330208381 NAD83
 GL Elevation: 3630 Sing/Mult Compl: Single
 Potash Waiver: False

Proposed Formation and/or Notes

Depths

Proposed: 8715 Total Vertical Depth: 0
 Measured Vertical Depth: 0 Plugback Measured: 0

Formation Tops

Formation	Top	Producing

Event Dates

Initial APD Approval: 12/23/2014
 Most Recent APD Approval: 12/23/2014 Current APD Expiration: 12/23/2016
 APD Cancellation:
 APD Extension Approval:
 Spud:
 Approved Temporary Abandonment: TA Expiration:
 Shut In:
 Plug and Abandoned Intent Received:
 Well Plugged: PNR Expiration:
 Site Release: Last MIT/BHT:
 Last Inspection: 02/11/2016

Quick Links

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Associated Images

- [Well Files](#)
- [Well Logs](#)
- [Administrative Orders](#)

New Searches

- [New Well Search](#)

History

Effective Date	Property	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
12/23/2014	[313860] HALBERD 27 STATE	[229137] COG OPERATING LLC	New	Oil	Active		

Comments

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

Operator

Wells

Operator Data

OCD Review

OCD Only

Administration

Company: [229137] COG OPERATING LLC
Address:
Country: U.S.A.
Main Phone: 432-683-7443

Central Contact Person

Name: Kanicia Castillo Title: Regulatory Lead Analyst
Phone: 432-685-4332 Fax:
Cell:
E-Mail Address: kcastillo@concho.com

Hobbs Contacts

Name: Jim Corbitt Title:
Phone: 432-818-2260 Fax:
Cell:
E-Mail Address: jcorbitt@concho.com

Artesia Contacts

Name: Jim Corbitt Title:
Phone: 432-818-2260 Fax:
Cell:
E-Mail Address: jcorbitt@concho.com

Pits

No Pits Found

Casing

No Casing Found

Well Completions

[96836] RED LANE, ALONETO, WRO, NORTHEAST

Status: Cancelled Last Produced:
Bottomhole Location: L-27-17S-28E 2281 FSL 330 FWL
Lat/Long:
Acreage:
DHC: Consolidation Code:
Test Production Method:

Oil Volume: 0.0 bbls
Gas Volume: 0.0 mcf
Water Volume: 0.0 bbls

Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
------	---	---

Notes

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

Event Dates

Initial Effective/Approval: 12/23/2014
 Most Recent Approval: 12/23/2014

Wells Operator Data OCD Review
 TA Expiration:

OCD Only Administration

Confidential Requested On:

Confidential Until:

Test Allowable Approval:

Test Allowable End:

Production Test:

DHC:

TD Reached:

Rig Released:

Deviation Report Received: No

Logs Received: No

Directional Survey Received: No

Closure Pit Plat Received:

First Oil Production:

First Gas Production:

Ready to Produce:

Completion Report Received:

C-104 Approval:

Plug Back:

Authorization Revoked Start:

Revoked Until:

Well Completion History

Effective Date	Property	Operator	Completion Status	TA Expiration Date
12/23/2014	[313860] HALBERD 27 STATE	[229137] COG OPERATING LLC	Cancelled	

[96830] ARTESIA; GLORIETA-YESO (O)

Bottomhole Location: L-27-17S-28E 2281 FSL 330 FWL

Lat/Long:

Acreage: 160 27-17S-28E Units: I J K L

DHC:

Consolidation Code:

Test

Production Method:

Oil Volume: 0.0 bbls

Gas Volume: 0.0 mcf

Water Volume: 0.0 bbls

Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
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Notes

Event Dates

Initial Effective/Approval: 12/23/2014
 Most Recent Approval: 12/23/2014

TA Expiration:

Confidential Requested On:

Confidential Until:

Test Allowable Approval:

Test Allowable End:

Production Test:

DHC:

TD Reached:

Rig Released:

Deviation Report Received: No

Logs Received: No

Directional Survey Received: No

Closure Pit Plat Received:

First Oil Production:

First Gas Production:

Ready to Produce:

Completion Report Received:

C-104 Approval:

Plug Back:

Authorization Revoked Start:

Revoked Until:

Well Completion History

OCD Permitting

Home Wells Well Details

30-015-42782 HALBERD 27 STATE #003H [313860]**General Well Information**

Operator: [229137] COG OPERATING LLC
 Status: Active
 Well Type: Oil Direction: Horizontal
 Work Type: New Lease Type: Private
 Surface Location: H-27-17S-28E 2090 FNL 45 FEL
 Lat/Long: 32.6070555151224,-104.155577563668 NAD83
 GL Elevation: 3610 Sing/Mult Compl: Single
 Potash Waiver: False

Proposed Formation and/or Notes

YESO FORMATION

Depths

Proposed: 8450 Total Vertical Depth: 3738
 Measured Vertical Depth: 8462 Plugback Measured: 8379

Formation Tops

Formation	Top	Producing
Glorieta	3423	
Paddock	3497	

Event Dates

Initial APD Approval: 11/04/2014
 Most Recent APD Approval: 11/05/2014 Current APD Expiration: 11/05/2016
 APD Cancellation:
 APD Extension Approval:
 Spud: 01/31/2015
 Approved Temporary Abandonment: TA Expiration:
 Shut in:
 Plug and Abandoned Intent Received:
 Well Plugged: PNR Expiration:
 Site Release: Last MIT/BHT:
 Last Inspection: 02/11/2016

Quick Links

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Associated Images

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- [Well Logs](#)
- [Administrative Orders](#)

New Searches

- [New Well Search](#)

History

Effective Date	Property	Operator	C-101 Work Type	Well Type	Well Status	Apd Cancelled	Plug Date
11/05/2014	[313860] HALBERD 27 STATE	[229137] COG OPERATING LLC	New	Oil	Active		

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

Comments

Well	Operator Data	OCD Review	OCD Only	Administration
pool designation corrected 3/16 from 96836 to 96830 effective first date of production.				
Added on 03/29/2016 by Karen Sharp				

Operator

Company: [229137] COG OPERATING LLC
 Address:
 Country: U.S.A.
 Main Phone: 432-683-7443

Central Contact Person

Name: Kanicia Castillo Title: Regulatory Lead Analyst
 Phone: 432-685-4332 Fax:
 Cell:
 E-Mail Address: kcastillo@concho.com

Hobbs Contacts

Name: Jim Corbitt Title:
 Phone: 432-818-2260 Fax:
 Cell:
 E-Mail Address: jcorbitt@concho.com

Artesia Contacts

Name: Jim Corbitt Title:
 Phone: 432-818-2260 Fax:
 Cell:
 E-Mail Address: jcorbitt@concho.com

Pits

Pit On Site: Number 1

Pit Type: Closed Loop Status: Active

Registration Denied: Closure Approved:
 Event Dates Closure Denied:

Registered:
 Approved: 11/04/2014
 Open: 11/04/2014
 Most Recent Rig
 Release:
 Closed:

Casing

Boreholes, Strings and Equipment Specifications						Specifications for Strings and Tubing			Strings Cemented and Intervals			Cement and Plug Description		
String/Hole Type	Taper	Date Set	Diameter	Top	Bottom (Depth)	Grade	Length	Weight	Bot of Cem	Top of Cem	Meth	Class of Cement	Sacks	Pressure Test (Y/N)

Event Dates

Initial Effective/Approval: 11/05/2014
 Most Recent Approval: 03/05/2015
 Confidential Requested On:
 Test Allowable Approval:
 Production Test: 03/20/2015

MMCMILLAN (PETROLEUM ENGINEER FOR OCD) SIGN OUT HELP

TA Expiration:
 Confidential Until:
 Test Allowable End:
 Wells Operator Data OCD Review

OCD Only Administration

TD Reached:
 Deviation Report Received: No
 Directional Survey Received: Yes
 First Oil Production: 03/20/2015
 Ready to Produce: 03/05/2015
 C-104 Approval: 04/17/2015
 Plug Back:
 Authorization Revoked Start:
 Rig Released:
 Logs Received: Yes
 Closure Pit Plat Received:
 First Gas Production: 03/16/2015
 Completion Report Received: 04/13/2015
 Revoked Until:

Well Completion History

Effective Date	Property	Operator	Completion Status	TA Expiration Date
03/05/2015	[313860] HALBERD 27 STATE	[229137] COG OPERATING LLC	Zone Permanently Plugged	
11/05/2014	[313860] HALBERD 27 STATE	[229137] COG OPERATING LLC	New, Not Drilled	

[96830] ARTESIA; GLORIETA-YESO (O)

Status: Active Last Produced: 05/01/2016
 Bottomhole Location: E-27-17S-28E 2310 FNL 330 FWL
 Lat/Long:
 Acreage: 160 27-17S-28E Units: E F G H
 DHC:
 Test: Consolidation Code:
 Production Method: Pumping
 Oil Volume: 70.0 bbls
 Gas Volume: 92.0 mcf
 Water Volume: 1929.0 bbls

Perforations

Date	Top Measured Depth (Where Completion Enters Formation)	Bottom Measured Depth (End of Lateral)
	4187	8358

Notes

Event Dates

Initial Effective/Approval: 11/04/2014
 Most Recent Approval: 03/05/2015
 Confidential Requested On:
 Test Allowable Approval:
 Production Test: 03/20/2015
 TD Reached:
 Deviation Report Received: No
 Directional Survey Received: Yes
 First Oil Production: 03/20/2015
 Ready to Produce: 03/05/2015
 C-104 Approval: 04/17/2015
 Plug Back:
 Authorization Revoked Start:

TA Expiration:
 Confidential Until:
 Test Allowable End:
 DHC:
 Rig Released:
 Logs Received: Yes
 Closure Pit Plat Received:
 First Gas Production: 03/16/2015
 Completion Report Received: 04/13/2015
 Revoked Until: