

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



COG Operating LLC
 Turnak Federal
 # 1, 2, 3, 4

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 _____
- [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.

Brian Maiorino		Regulatory Analyst	9/10/12
Print or Type Name	Signature	Title	Date
		Bmaiorino@concho.com	
		e-mail Address	

OLM - 69



RECEIVED OCD

2012 SEP 13 P 12:38

September 10, 2012

New Mexico Oil Conservation Division
Richard Ezeanyim
1220 S St. Francis Drive
Santa Fe, New Mexico 87505

Re: Tumak Federal Off Lease Measurement

Mr. Ezeanyim,

COG Operating LLC respectfully requests approval for off lease gas measurement for the Tumak Federal Lease.

Gas production from Tumak Federal lease NMNM-118109 to be measured at White Oak State CTB State lease VB-492

Tumak Federal 1
Eddy County, NM
API # 30-015-40463
Surface: 1024 FSL & 305 FWL, Sec 14
T17S, R28E, Unit M

Tumak Federal 2
Eddy County, NM
API # 30-015-40464
Surface: 984 FSL & 474 FWL, Sec 14
T17S, R28E, Unit M

Tumak Federal 3
Eddy County, NM
API # 30-015-40459
Surface: 245 FSL & 230 FWL, Sec 14
T17S, R28E, Unit M

Tumak Federal 4
Eddy County, NM
API # 30-015-40460
Surface: 455 FSL 1275 FWL, Sec 14
T17S, R28E, Unit M

Due to DCP finding it uneconomical to run a gas sales line to the Tumak Federal lease, COG Operating LLC request to measure gas from Federal lease NMNM-118109 at the White Oak State 19 CTB lease VB-492 with a separate meter tied into a pre existing DCP gas sales line. COG Operating LLC is 100% interest owner for the above wells.

Oil production will be measured and stored on lease at the Tumak Federal 3 CTB

Please contact me at 432-221-0467 should you have any questions.

Sincerely,

Brian Maiorino
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: Concho Operating LLC
OPERATOR ADDRESS: One Concho Center, 600 W. Illinois Ave, Midland, TX 79701
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
 Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes

- (2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No.
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

- (1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

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

- (1) Complete Sections A and E.

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

- (1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners. Concho Operating LLC is 100% interest owner

(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: Brian Maiorino TITLE: Regulatory Analyst DATE: 9/10/12

TYPE OR PRINT NAME Brian Maiorino TELEPHONE NO.: 432-221-0467

E-MAIL ADDRESS: bmaiorino@concho.com

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMNM118109

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
TUMAK FEDERAL 1

2. Name of Operator
COG OPERATING LLC
Contact: BRIAN MAIORINO
E-Mail: bmaiorino@concho.com

9. API Well No.
30-015-40463

3a. Address
ONE CONCHO CENTER 600 W. ILLINOIS AVENUE
MIDLAND, TX 79701

3b. Phone No. (include area code)
Ph: 432-221-0467

10. Field and Pool, or Exploratory
EMPIRE;GLORIETA-YESO

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 14 T17S R28E SWSW 1024FSL 305FWL

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

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Off-Lease Measuremen t
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating LLC respectfully request off lease measurement of gas production for the following wells.

- Tumak Federal 1, API #30-015-40463
- Tumak Federal 2, API #30-015-40464
- Tumak Federal 3, API #30-015-40459
- Tumak Federal 4, API #30-015-40460

Gas measurement will take place on state lease No. VB-492, Eddy County, NM, NWNE, Sec 23, T17S, R28E

Oil production and measurement will take place at the Tumak Federal 3 central tank battery, lease No. NMNM-118109, Eddy County, NM, SWSW, Sec 14, T17S, R28E

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #149504 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) BRIAN MAIORINO Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)  Date 09/10/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

Additional data for EC transaction #149504 that would not fit on the form

32. Additional remarks, continued

COG Operating LLC. is 100% interest owner of the above wells. Gas production for the above wells will have its own meter that will then tie into the DCP gas sales line at the White Oak State 19 CTB.

DCP has found it uneconomical to build a gas line to the Tumak wells, therefore COG Operating LLC. will run its gas lines following pre existing lease roads to the DCP sales line.

*Please see attachment

COG Operating, LLC is Requesting approval of offlease measurement for the following formation and wells

Federal Lease No. NMNM-118109 and State Lease VB-492

<u>Well Name</u>	<u>API No.</u>	<u>Loc: 1/4-1/4 Sec. Twp. Rng. UL</u>	<u>Formation</u>	<u>BOPD</u>	<u>Oil Gravity</u>	<u>MCFPD</u>	<u>BTU</u>
Tumak Federal 1	30-015-40463	SWSW, Sec 14, T17S, R28E, M	Empire; Glorieta-Yeso	84	40.0/@60°	192	1400
Tumak Federal 2	30-015-40464	SWSW, Sec 14, T17S, R28E, M	Empire; Glorieta-Yeso	84	40.0/@60°	192	1400
Tumak Federal 3	30-015-40459	SWSW, Sec 14, T17S, R28E, M	Empire; Glorieta-Yeso	84	40.0/@60°	192	1400
Tumak Federal 4	30-015-40460	SWSW, Sec 14, T17S, R28E, M	Empire; Glorieta-Yeso	84	40.0/@60°	192	1400

The Storage and measuring facility for fluids is located on lease at SWSW, Sec 14, T17S, R28E, lease No. NMNM-118109, Eddy County, NM

The Storage and measuring facility for gas is located off lease at NWNE, Sec 23, T17S, R28E, lease No. VB-492, Eddy County, NM

DCP Meter 724991-00

BLM will be notified if there is any future change in the facility location

Alocation of production based on monthly well tests at individual test facilities.

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40463	Pool Code 96210	Pool Name Empire; Glorieta-Yeso
Property Code 39326	Property Name TUMAK FEDERAL	Well Number 1
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3711'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		1024	SOUTH	305	WEST	EDDY

Bottom Hole Location If Different From Surface

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

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

GEODETHIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=665706.6 N
X=555158.3 E

LAT.=32.829985° N
LONG.=104.153764° W

SEE DETAIL

DETAIL

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

8/30/12
 Date

Signature
 Brian Maiorino
 Printed Name
 bmaiorino@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.

APRIL 4, 2012

Date of Survey

Signature of Professional Surveyor:

Certificate Number: Ronald J. Eidson 12641
 Surveyor: Ronald J. Eidson 3239

AF JWSC W.O.: 12.11.0626

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

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

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

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

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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40464	Pool Code 96210	Pool Name Empire;Glorieta-Yeso
Property Code 39326	Property Name TUMAK FEDERAL	
OGRID No. 229137	Operator Name COG OPERATING, LLC	
		Well Number 2
		Elevation 3708'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		984	SOUTH	474	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		990	SOUTH	990	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

DETAIL
3717.1' 3709.0'
600'
3705.8' 3691.2'

GEODETIC COORDINATES
NAD 27 NME

SURFACE LOCATION
Y=665682.4 N
X=555328.1 E

LAT.=32.829918° N
LONG.=104.153212° W

BOTTOM HOLE LOCATION
Y=665736.8 N
X=555842.6 E

SECTION, CORNER COORDINATES TABLE

Ⓐ	-	Y=665980.2 N, X=554845.5 E
Ⓑ	-	Y=666102.5 N, X=556140.5 E
Ⓒ	-	Y=664774.1 N, X=556176.8 E
Ⓓ	-	Y=664652.5 N, X=554883.3 E

GRID AZ.=83°58'24"
HORZ. DIST.=517.5'

990'
474'
S.L. SEE DETAIL
984'
990'

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.

8/23/12
 Date

Brian Maiorino
 Printed Name
 bmaiorino@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.

SEPTEMBER 30, 2011

Date of Survey
Signature & Seal of Professional Surveyor:

Gary G. Eidson 12641
 Ronald F. Eidson 3239

RECORDED
 PROFESSIONAL SURVEYOR
 ACR
 JWS W.O.: 11.11.1092

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

DISTRICT II
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1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40459	Pool Code 96210	Pool Name Empire;Glorieta-Yeso
Property Code 39326	Property Name TUMAK FEDERAL	Well Number 3
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3702'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		245	SOUTH	230	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		330	SOUTH	330	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

CORNER COORDINATES
A) Y=665980.2 N; X=554845.5 E
B) Y=666102.5 N; X=556140.5 E
C) Y=664774.1 N; X=556176.8 E
D) Y=664652.5 N; X=554883.3 E

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=664919.4 N
X=555105.8 E
LAT.=32.827822° N
LONG.=104.153939° W
BOTTOM HOLE LOCATION
Y=665013.9 N
X=555203.1 E

DETAIL T17S R28E
S.L. 330'
B.H. 330'
GRID AZ.=45°49'23"
HORIZ. DIST.=135.7'

DETAIL
3710.2' 3689.1'
3703.6' 3695.6'
600' 600'

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.

Brian Maiorino 8/30/12
Signature Date

Brian Maiorino
Printed Name

bmaiorino@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.

SEPTEMBER 28, 2011
Date of Survey

Ronald J. Eidson
Signature & Seal of Professional Surveyor

NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR 3239

Ronald J. Eidson 12641
Certificate Number

Ronald J. Eidson 3239

AF/DSR RelWO#11.11.1093 JWSC W.O.: 12.13.0987

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
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1220 S. St. Francis Dr., Santa Fe, NM 87505
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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 30-015-40460	Pool Code 96210	Pool Name Empire;Glorieta-Yeso
Property Code 39326	Property Name TUMAK FEDERAL	Well Number 4
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3647'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		455	SOUTH	1275	WEST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	17-S	28-E		330	SOUTH	990	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
-----------------------	-----------------	--------------------	-----------

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

DETAILED SURFACE LOCATION
 3676.9' x 3637.9' x 600' x 3662.8' x 3634.8'

GEODETIC COORDINATES
 NAD 27 NME
 SURFACE LOCATION
 Y=665227.8 N
 X=556142.3 E
 LAT.=32.828664° N
 LONG.=104.150564° W
 BOTTOM HOLE LOCATION
 Y=665075.8 N
 X=555861.4 E

GRID AZ.=241°34'46"
 HORZ. DIST.=319.4'

SECTION, QUARTER & SIXTEENTH
 CORNER COORDINATES
 (A) - Y=665980.2 N, X=554845.5 E
 (B) - Y=666102.5 N, X=556140.5 E
 (C) - Y=664774.1 N, X=556176.8 E
 (D) - Y=664652.5 N, X=554883.3 E

S.L. SEE DETAIL

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

8/30/12
 Date

Brian Maiorino
 Printed Name
 bmaiorino@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.

SEPTEMBER 28, 2011

Date of Survey

Signature & Seal of Professional Surveyor:

Certificate Number Gary G. Eidson 12641
 Ronald L. Eidson 3239
 AF PROFESSIONAL SURVEYOR W.O. 11.11.1094

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

White Oak State 19 CTB

Lease # VB-492, NWNE, Sec 23, T17S, R28E
 Eddy County, New Mexico

Wells:

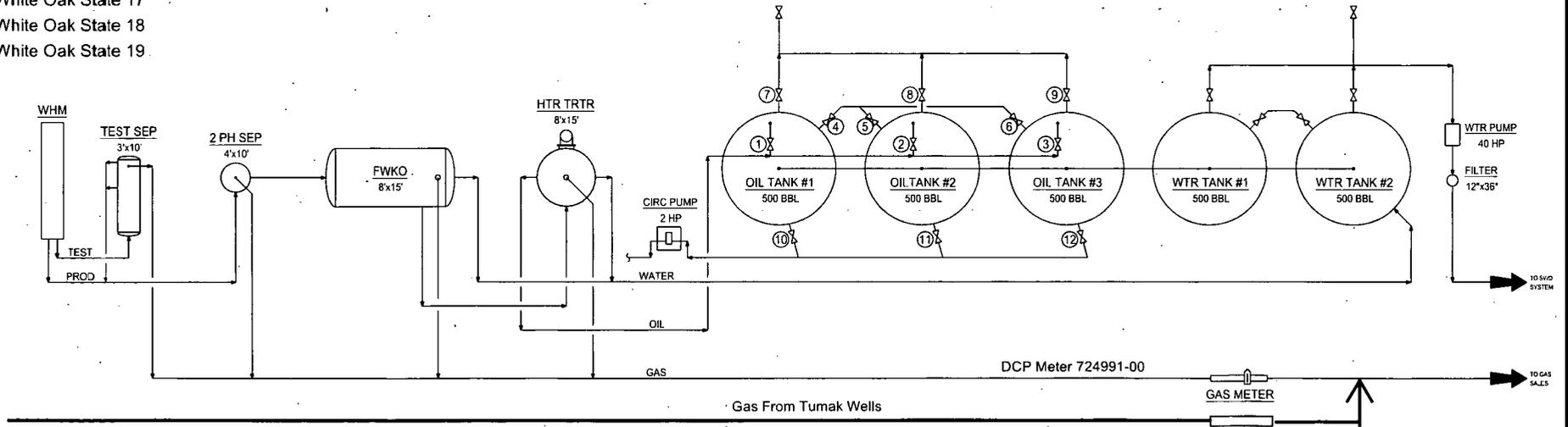
- | | |
|--------------------|--------------------|
| White Oak State 4 | White Oak State 20 |
| White Oak State 5 | White Oak State 21 |
| White Oak State 6 | White Oak State 22 |
| White Oak State 9 | White Oak State 23 |
| White Oak State 10 | White Oak State 24 |
| White Oak State 16 | |
| White Oak State 17 | |
| White Oak State 18 | |
| White Oak State 19 | |

Production Phase - Oil Tank #1

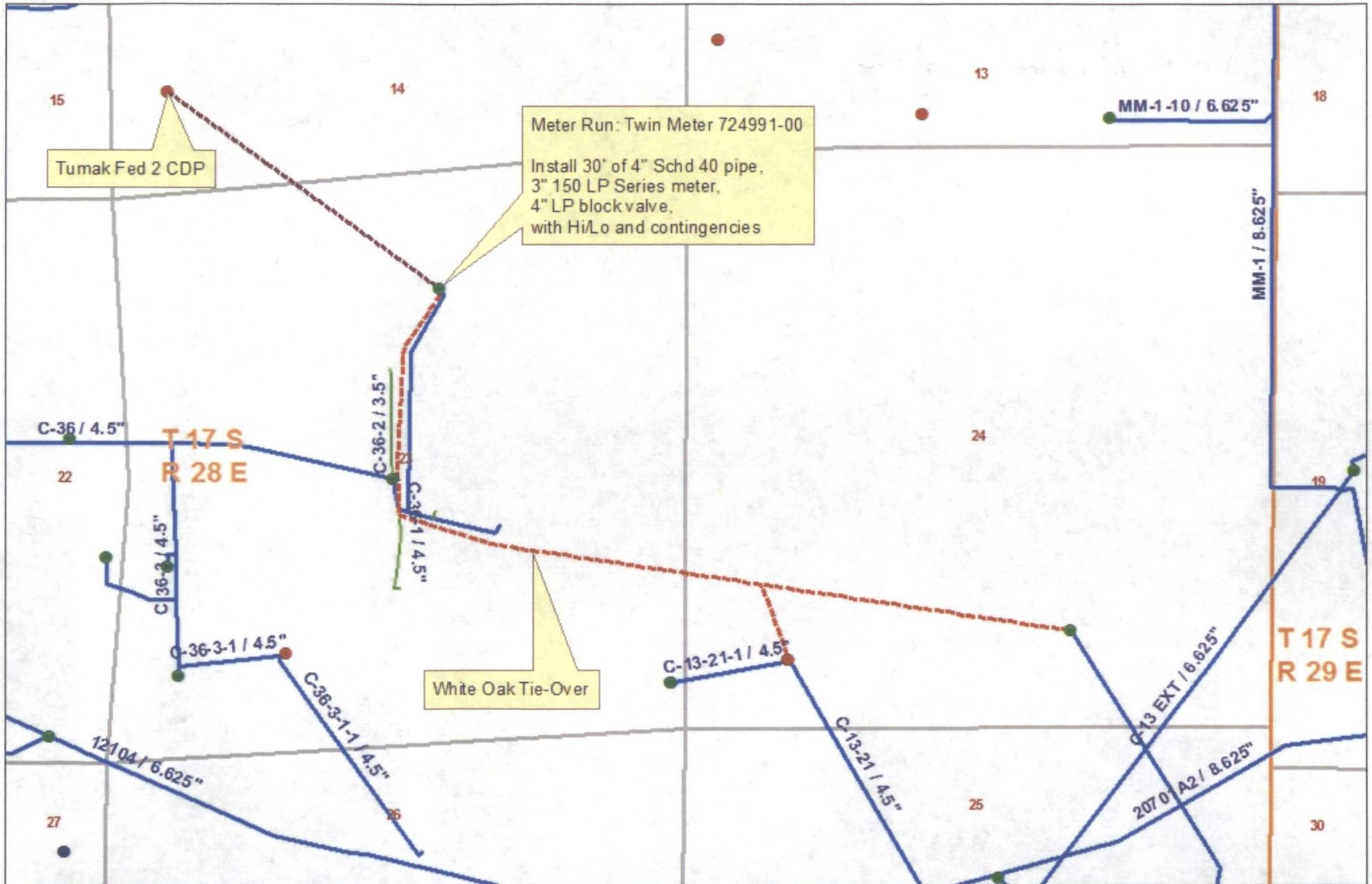
- Valve 1 open
- Valves 2 and 3 closed
- Valves 4, 5, and 6 open
- Valves 7, 8, and 9 closed
- Valves 10, 11, and 12 closed

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



NOTES:	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 <table border="1"> <thead> <tr> <th>NO.</th> <th>TITLE</th> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHK.</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td></td> <td></td> <td>06/01/12</td> <td>ISSUE FOR SITE PERMITTING</td> <td>CRB</td> <td></td> <td></td> </tr> </tbody> </table>		NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK.	APP.	A			06/01/12	ISSUE FOR SITE PERMITTING	CRB			REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHK.</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		NO.	DATE	DESCRIPTION	BY	CHK.	APP.							ENGINEERING RECORD <table border="1"> <thead> <tr> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRK: CRB</td> <td>06/01/12</td> </tr> <tr> <td>DES: CRB</td> <td>06/01/12</td> </tr> <tr> <td>CHK:</td> <td></td> </tr> <tr> <td>APP:</td> <td></td> </tr> <tr> <td>DATE NO:</td> <td></td> </tr> </tbody> </table>		BY	DATE	DRK: CRB	06/01/12	DES: CRB	06/01/12	CHK:		APP:		DATE NO:	
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COG OPERATING LLC 550 W. TEXAS AVE, SUITE 100 MIDLAND, TEXAS 79701		CONCHO NEW MEXICO SHELF ASSET PRODUCTION FACILITIES SITE FACILITY DIAGRAM STANDARD TANK BATTERY		EDDY COUNTY TOWNSHIP/RANGE MULTIPLE		NEW MEXICO DWG NO. D-1700-81-005 REV A																																									



Tumak Fed 2 CDP

Meter Run: Twin Meter 724991-00
Install 30' of 4" Schd 40 pipe,
3" 150 LP Series meter,
4" LP block valve,
with Hi/Lo and contingencies

White Oak Tie-Over



COG - Tumak Fed 2 CDP
984' FSL & 474' FWL
Section 14 T17S R28E



Google earth



Ezeanyim, Richard, EMNRD

From: Brian Maiorino <BMayorino@concho.com>
Sent: Friday, September 28, 2012 10:03 AM
To: Ezeanyim, Richard, EMNRD
Subject: RE: Tumak Off Lease Measurement

Thanks Richard, I sent out a notice to the ORRI this morning, will pass on the received notice your way when I get it back.

Thanks!

From: Ezeanyim, Richard, EMNRD [<mailto:richard.ezeanyim@state.nm.us>]
Sent: Friday, September 28, 2012 10:07 AM
To: Brian Maiorino
Subject: RE: Tumak Off Lease Measurement

Brian:

Yes, you need to notify the ORRI about your OLM/OLS, therefore ownership is not identical in all respects.

You can approach this ORRI and get a waiver, or you can notify him/her and wait 20 days. Please let me know what you want to do. Thank you and have a nice day.

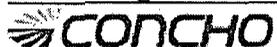
Richard

From: Brian Maiorino [<mailto:BMayorino@concho.com>]
Sent: Thursday, September 27, 2012 3:21 PM
To: Ezeanyim, Richard, EMNRD
Subject: Tumak Off Lease Measurement

Hi Richard, after discussing the need of a signed letter from the landman I was told that the Tumak lease has a .5% ORRI with another company. Does this .5% require notification of our intent to measure off lease?

Brian Maiorino
Regulatory Analyst
Operations & Engineering

COG Operations LLC
One Concho Center
600 W. Illinois Avenue
Midland, Texas 79701
432-221-0467
bmaiorino@concho.com



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Ezeanyim, Richard, EMNRD

From: rayemiller8@gmail.com
Sent: Monday, October 01, 2012 9:03 AM
To: Ezeanyim, Richard, EMNRD
Cc: bmairono@concho.com
Subject: Notice of off lease measurement Tumak Federal

Richard:

I am in receipt of Conho's application for off lease measurement for the Tumak Federal lease in Section 14 T-17S R-28E Eddy county. Nestegg Energy Corporation has no objection to the application and would support it. Thanks for your help in this matter.

Sincerely,
Raye Miller
President
Nestegg Energy Corporation
Sent via BlackBerry by AT&T

Ezeanyim, Richard, EMNRD

From: Holland, Reesa <Reesa.Holland@apachecorp.com>
Sent: Monday, October 01, 2012 10:17 AM
To: Ezeanyim, Richard, EMNRD
Subject: RE: Administrative Orders PLC-361 (Apache Corp), and PLC-362 (OXY USA WTP)

Good morning, Richard! Thank you so much for the notifications!!

There was one submitted 8/7/2012 for the Apache Coll & Plumlee leases. Just making sure it hasn't gotten lost in the shuffle.

Thanks! – R ☺

Reesa Holland

Apache

Midland, TX

432/818-1062

Reesa.Holland@apachecorp.com

From: Ezeanyim, Richard, EMNRD [<mailto:richard.ezeanyim@state.nm.us>]
Sent: Thursday, September 27, 2012 11:55 AM
To: Holland, Reesa; jennifer.duarte@oxy.com
Cc: Gonzales, Elidio L, EMNRD; Dade, Randy, EMNRD; Dawson, Scott; Lisa Lemmon <llrwb@austin.rr.com> (llrwb@austin.rr.com)
Subject: Administrative Orders PLC-361 (Apache Corp), and PLC-362 (OXY USA WTP)

Administrative Orders PLC-361 (Apache Corp.), and PLC-362 (OXY USA WTP) have been issued. Please download signed copies by COB today. Thank you.

Richard