

5/18/16 DATE	SUSPENSE	MAM ENGINEER	5187246 LOGGED IN	OLM TYPE	PMAM 1613941440 APP NO
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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]

-OLM/26  
-COG-Operating  
LLC  
229137

[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 \_\_\_\_\_

weh  
- The Dancok  
30 Federal Cor  
#2H  
30-015-39473  
Pool  
- Forty-niner  
Ridge Bone  
Spring, West  
98 96526

[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.

Amanda Avery  
Print or Type Name

Amanda Avery  
Signature

Regulatory Tech  
Title

5/17/16  
Date

aavery@concho.com  
e-mail Address

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**

1220 S. St. Francis Dr., Santa Fe, NM 87505

**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 October 15, 2009

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number <b>36-015-39473</b>	Pool Code <b>96526</b>	Well Name <b>Forty Niner Ridge, Base Sperry, West</b>
Property Code <b>38857</b>	Property Name <b>ICE DANCER 30 FEDERAL Com</b>	Well Number <b>2H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3070.5</b>

**Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>O</b>	<b>30</b>	<b>23 S</b>	<b>30 E</b>		<b>475</b>	<b>SOUTH</b>	<b>1890</b>	<b>EAST</b>	<b>EDDY</b>

**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
<b>B</b>	<b>30</b>	<b>23 S</b>	<b>30 E</b>		<b>375</b>	<b>NORTH</b>	<b>1980</b>	<b>EAST</b>	<b>EDDY</b>

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
<b>160.00</b>			

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.

<p>NW CORNER SEC. 30 LAT. = 32°16'59.35"N LONG. = 103°55'46.50"W NMSP EAST (FT) N = 466978.89 E = 866109.19</p>	<p>BOTTOM OF HOLE LAT. = 32°16'55.59"N LONG. = 103°55'07.14"W NMSP EAST (FT) N = 466612.01 E = 669489.92</p>	<p>NE CORNER SEC. 30 LAT. = 32°16'59.28"N LONG. = 103°54'44.13"W NMSP EAST (FT) N = 466991.72 E = 671467.78</p>
<p>SW CORNER SEC. 30 LAT. = 32°16'06.82"N LONG. = 103°55'46.48"W NMSP EAST (FT) N = 461689.91 E = 666130.76</p>	<p>ICE DANCER 30 FEDERAL #2H ELEV. = 3070.5' LAT. = 32°16'11.504"N (NAD83) LONG. = 103°55'05.985"W NMSP EAST (FT) N = 462156.92 E = 669606.12</p>	<p>SE CORNER SEC. 30 LAT. = 32°16'06.79"N LONG. = 103°54'43.96"W NMSP EAST (FT) N = 461687.84 E = 671498.66</p>

RECEIVED  
OCT 04 2011  
NMOCD ARTESIA

1890'  
SURFACE LOCATION

475'

375'

1980'  
BOTTOM OF HOLE

**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 the owner of such a mineral or working interest, or in a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Grand French*  
Signature Date **4-20-11**

Printed Name  
**Grand French**

**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 18, 2011**  
Date of Survey

*Frank J. Armillio*  
Signature and Seal of Professional Surveyor

Certificate Number: **1011-MO-FRANK ARMILLIO, PLS 12797**  
SURVEY NO 30SR1



May 17, 2016

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

Dear Mr. McMillan,

COG Operating LLC respectfully requests approval for Off-Lease Measurement of oil and gas on the following well:

Ice Dancer 30 Federal Com #2H  
Eddy County  
API# 30-015-39473  
SHL 475' FSL & 1980' FEL of Sec 30-T23S- R30E  
BHL 342' FNL & 2256' FEL of Sec 30- T23S- R30E  
Forty Niner Ridge, BS

The Off-Lease Measurement meter will be located at the Gold Rush 31 Federal #1, 660' FNL & 330' FEL of Sec 31-T23S- R30E. The gas sales meter is located at Sec 23- T23S -R29E. Latitude 32.272885 and Longitude -103.948023.

COG Operating LLC will keep all production separate.

I have attached proof of notice to our working interest owners, a diagram of our battery facility and a map with lease boundaries showing all well and facility locations.

Sincerely,

A handwritten signature in cursive script that reads "Amanda Avery".

Amanda Avery  
Regulatory Technician

---

CORPORATE ADDRESS

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701  
P 432.683.7443 | F 432.683.7441

ARTESIA WEST OFFICE

2208 MAIN STREET | ARTESIA, NEW MEXICO 88210  
P 575.748.6940 | F 575.746.2096



May 17, 2016

Dear Interest Owner

This letter will serve as notice, under Rule 19.15.N.1207.A, that COG Operating LLC has requested administrative approval from the Oil and Gas Division in Santa Fe, NM for Off-Lease Measurement of only for the following well:

Ice Dancer 30 Federal Com #2H  
Eddy County, NM  
API# 30-015-39473  
SHL: 475' FSL & 1980' FEL of Sec 30- T23S R30E  
BHL: 342' FNL & 2256' FEL of Sec 30- T23S R30E  
Forty Niner Ridge; BS

The Off-Lease Measurement facility will be located at the Gold Rush 31 Federal #1.  
660 'FNL & 330' FEL of Sec 31-T23S R30E. The gas sales meter is located at  
SESE Sec 23 T23S R29E. Latitude 32.272885 and Longitude -103.948023.

Should you or your company have an objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the Off-Lease Measurement Facility if no objection has been made within the twenty (20) days after the application has been received.

Sincerely,

A handwritten signature in cursive script that reads "Amanda Avery".

Amanda Avery  
Regulatory Tech

---

CORPORATE ADDRESS

ONE CONCHO CENTER | 600 WEST ILLINOIS AVENUE | MIDLAND, TEXAS 79701  
P 432.683.7443 | F 432.683.7441

ARTESIA WEST OFFICE

2208 MAIN STREET | ARTESIA, NEW MEXICO 88210  
P 575.748.6940 | F 575.746.2096

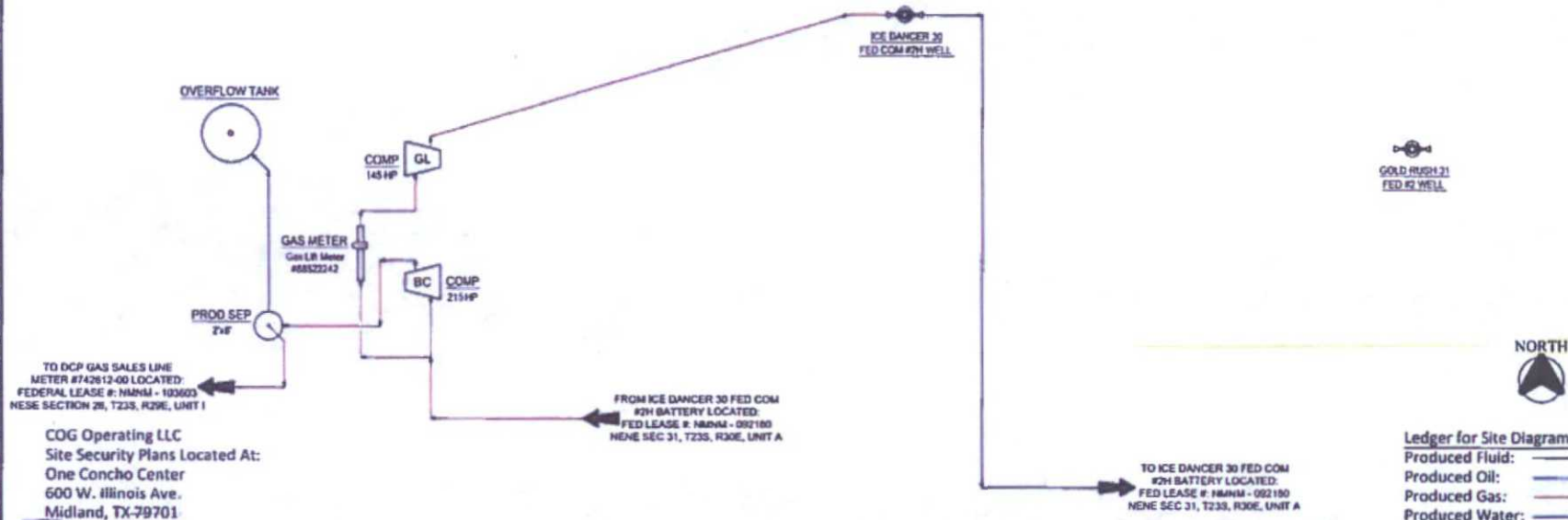
<b>Date Sent</b>	<b>Initial</b>	<b>Document Type</b>	<b>Well Name</b>	<b>Sent Certified Return Receipt to:</b>	<b>Receipt No.</b>
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Conoco Phillips Company 22295 Network Place Chicago IL 60673-1222	70133020000087500286
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Khody Land and Minerals Company One Williams Center Tulsa, OK 74172	70133020000087502044

ICE DANCER 30 FEDERAL COM 2H WELL  
SWSE SECTION 30, T23S, R30E, UNIT O  
EDDY COUNTY, NM

WELLS:  
ICE DANCER 30 FEDERAL COM #002H: 30-015-39473

**Production Phase - Oil Tank #1**  
- 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

**Sales Phase - Oil Tank #1**  
- 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



TO DCP GAS SALES LINE  
METER #742612-00 LOCATED:  
FEDERAL LEASE #: NMNM - 103603  
NESE SECTION 26, T23S, R29E, UNIT I

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

FROM ICE DANCER 30 FED COM  
#2H BATTERY LOCATED:  
FED LEASE #: NMNM - 092180  
NENE SEC 31, T23S, R30E, UNIT A

TO ICE DANCER 30 FED COM  
#2H BATTERY LOCATED:  
FED LEASE #: NMNM - 092180  
NENE SEC 31, T23S, R30E, UNIT A

**Ledger for Site Diagram**  
Produced Fluid: —  
Produced Oil: —  
Produced Gas: —  
Produced Water: —

Type of Lease: Federal  
Federal Lease #: NMNM - 081622 (Well Location)  
Property Code: 38857 (Well Location) / 301072 (Bty Location)  
OGRID #: 229137

**CONFIDENTIALITY NOTICE**  
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NO.	DATE	DESCRIPTION	BY	CHK.	APP.
1	08/16/12	WELL FOR #2H BATTERY	CHS		
2	08/17/12	WELL FOR #2H BATTERY	CHS		

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
1	08/16/12	WELL FOR #2H BATTERY	CHS		
2	08/17/12	WELL FOR #2H BATTERY	CHS		

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
1	08/16/12	WELL FOR #2H BATTERY	CHS		
2	08/17/12	WELL FOR #2H BATTERY	CHS		



NEW MEXICO BASIN ASSET  
PRODUCTION FACILITIES  
SITE FACILITY DIAGRAM  
ICE DANCER 30 FEDERAL COM 2H WELL  
EDDY COUNTY  
DMS NO. 0-1700-01-005









UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. ICE DANCER 30 FEDERAL COM 2H
2. Name of Operator COG OPERATING LLC Contact: MAYTE X REYES E-Mail: mreyes1@concho.com	9. API Well No. 30-015-39473
3a. Address 2208 WEST MAIN STREET ARTESIA, NM 88210	10. Field and Pool, or Exploratory FORTY NINER RIDGE; BS, W
3b. Phone No. (include area code) Ph: 575-748-6945	11. County or Parish, and State EDDY COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T23S R30E SWSE 475FSL 1890FEL	

## 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	Change to Original
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	PD

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 recomple 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 recompletion 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.)

Due to past flooding events and subsequent settling of the location COG respectfully requests approval to construct and install an off site tank battery for the Ice Dancer 30 Federal Com #2H at the current Gold Rush 31 Federal #1 location which is located at 660' FNL & 330' FEL Section 31, T23S, R30E. A flowline of approximately 1800' will follow the existing road to the Gold Rush 31 Federal #1.

CPD 1/29/16  
Accepted for record  
NMOCD

*Authorization is for off lease measurement and storage only.  
This is not an authorization for commingling or ROW for  
the flow line. A temp. line may be run pending ROW for perm.*

14. I hereby certify that the foregoing is true and correct. Electronic Submission #329686 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad	
Name (Printed/Typed) MAYTE X REYES	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 01/25/2016

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>James R. [Signature]</i>	Title <i>SAET</i>	Date <i>1-26-16</i>
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 <i>CFO</i>

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 \*\***

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.  
NMNM81622

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.

ICE DANCER 30 FEDERAL 2H

2. Name of Operator  
COG OPERATING LLC

Contact: AMANDA L AVERY  
E-Mail: aavery@concho.com

9. API Well No.  
30-015-39473

3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-6940

10. Field and Pool, or Exploratory  
FORTY NINER RIDGE, BS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 30 T23S R30E SWSE 475FSL 1980FEL

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 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 checked="" 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
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	1

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 requests permission for Off Lease Measurement for oil and gas for the Ice Dancer 30 Federal #2H.

All Interest owners have been notified of this proposal.

No Federal or Indian Royalties will be reduced by the approval of this application.

The off lease measurement meter is located at the Gold Rush 31 Federal #1. 660' FNL & 330' FEL of Sec 31-T23S R30E. The gas sales meter is located at Sec 23-T23S-R29E Latitude 32.272885 and Longitude -103.948023.

The following documents are attached:

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

Electronic Submission #339592 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad

Name (Printed/Typed) AMANDA L AVERY

Title REGULATORY TECH

Signature (Electronic Submission)

Date 05/18/2016

**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 #339592 that would not fit on the form**

**32. Additional remarks, continued**

- 1) Map showing lease numbers and locations of leases and wells that will contribute production to the off lease measurement.
- 2) Facility Diagrams
- 3) Plat of the location
- 4) Interest owners notification letters.