

UNITED STATES **Carlsbad Field Office**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT **OCD Artesia**

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.
8. Well Name and No. ICE DANCER 30 FEDERAL 2H
9. API Well No. 30-015-39473
10. Field and Pool or Exploratory Area FORTY NINER RIDGE, BS
11. County or Parish, State EDDY COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator COG OPERATING LLC	Contact: AMANDA L AVERY E-Mail: aavery@concho.com
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6940
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T23S R30E SWSE 475FSL 1980FEL	

**12. CHECK THE 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"/> Hydraulic Fracturing <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 <input type="checkbox"/> Off-Lease Measurement
	<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 recomplete 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must 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:

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

FEB 24 2017

RECEIVED

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 Committed to AFMSS for processing by PRISCILLA PEREZ on 05/24/2016 ( )	
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 <i>J. D. Whitlock</i>	Title TLDET	Date 2/21/17
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 CFO

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.

(Instructions on page 2)

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

Accepted for record - NMOCD

*RFP-6-17*

**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.

DATE IN	STATE	ENROLLMENT	EXPIRES	TITLE	PHONE
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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 \_\_\_\_\_
- [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



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,

Amanda Avery  
Regulatory Technician



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,

Amanda Avery  
Regulatory Tech

Date Sent	Initial	Document Type	Well Name	Sent Certified Return Receipt to:	Receipt No.
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	The Allar Company PO Box 1567, Graham TX 76450-7567	70133020000087500000
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Curtis A And Edna Anderson 9314 Cherry Brook Ln, Frisco, TX 75033	70133020000087500217
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	BAGAM LTD PO Box 900 Graham, TX 76450	70133020000087500231
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Bob Herrell Operating LP 3600 Meadowside Midland, TX 79707	70133020000087500248
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Bill Burton 301 Commerce St STE 2900 Fort Worth, TX 76102	70133020000087500255
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Ben J Fortson Jr 301 Commerce St Ste 2900 Fort Worth TX 76102	70133020000087500262
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Chase Oil Corporation PO Box 1757 Artesia, NM 88210	70133020000087500279
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	Collins and Ware 508 W Wall Ave Ste 1200 Midland, TX 79701	70133020000087500293
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Ben J Fortson Jr 301 Commerce St Ste 2900 Fort Worth TX 76102	70133020000087500309
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	FFF Inc PO Box 8874 Denver, CO 80201	70133020000087500316
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Ben J Fortson III Children Trust PO Box 29 Fort Worth, TX 76101	70133020000087500323
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Robert C Grable 201 Main St Ste 2500 Fort Worth, TX 76102	70133020000087500330
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Alan R Hannifin PO Box 8874 Denver, CO 80201	70133020000087500347
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Shawn and Frances Hannifin, 730 17th St Ste 325 Denver CO 80202	70133020000087500354
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Ben J Fortson Jr 301 Commerce St Ste 2900 Fort Worth TX 76102	70133020000087500415
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	MW Oil Investment Co Inc 740 17th St Ste 325 Denver CO 80202	70133020000087500424
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	LE Opperman 1505 Neerly Ave Midland, TX 79705	70133020000087501894
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	RBM Company 2201 N Palm St Little Rock AR 72207	70133020000087501900
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Ricks Exploration II LP 3000 Oklahoma Tower 210 Parks Ave OKC OK 73102	70133020000087501917
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	The Roach Foundation Ft Worth Club Tower Pen II-J 777 Taylor ST Ft Worth TX 76102	70133020000087501924
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	S.B. Street and Co Box 206 Graham, TX 76450	70133020000087501931
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Thomas R Smith 5705 Pinehurst Farmington, NM 87402	70133020000087501948
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Sundance Minerals PO Box 1744 Forth Worth, TX 76102	70133020000087501955
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Moon Royalty PO Box 720070 OKC OK 73172	70133020000087500408
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Steven Massey 3825 Bee Caves Rd Austin, TX 78746	70133020000087500392
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Kimbell Art Foundation 301 Commerce St Ste 2900 Fort Worth TX 76102	70133020000087500385
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	KCM Company Drawer 10646 Midland, TX 79702-7646	70133020000087500378
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	H M Bettis Inc PO Box 1240 Graham, TX 76046	70133020000087500361
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Annette O Wambaugh 6203 Alden Bridge Rd The Woodlands, TX 77382	70133020000087501962
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	WT Boyle and Co Box 57 Graham, TX 76450	70133020000087501979
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Map 98 PO Box 268988 OKC OK 73126	70133020000087501986
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Map 98 B PO Box 268984 OKC OK 73126	70133020000087501993
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Sonic Minerals LP PO Box 1240 Graham, TX 76450	70133020000087502006
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Map OO Net C/O Mineral Acquisition Partnership PO Box 268946 OKC OK 73126	70133020000087502020
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Stovall Energy LTD PO Box 10 Graham, TX 76450	70133020000087502013
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	S & E Royalty LLC 8470 W 4th Ave Lakewood, CO 80226	70133020000087502037
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
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Gunn Family Properties PO Box 1298 Graham TX 76450	70133020000087502051
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Exxon Mobile Corporation PO Box 731917 Dallas, TX 75373	70133020000087502068
5/17/2016	AA	Off Lease Measurement	Ice Dancer 30 Federal Com #2H	Michelle Sandoval 1359 Ravzan Ct Encinitas, CA 92024	70133020000087502075

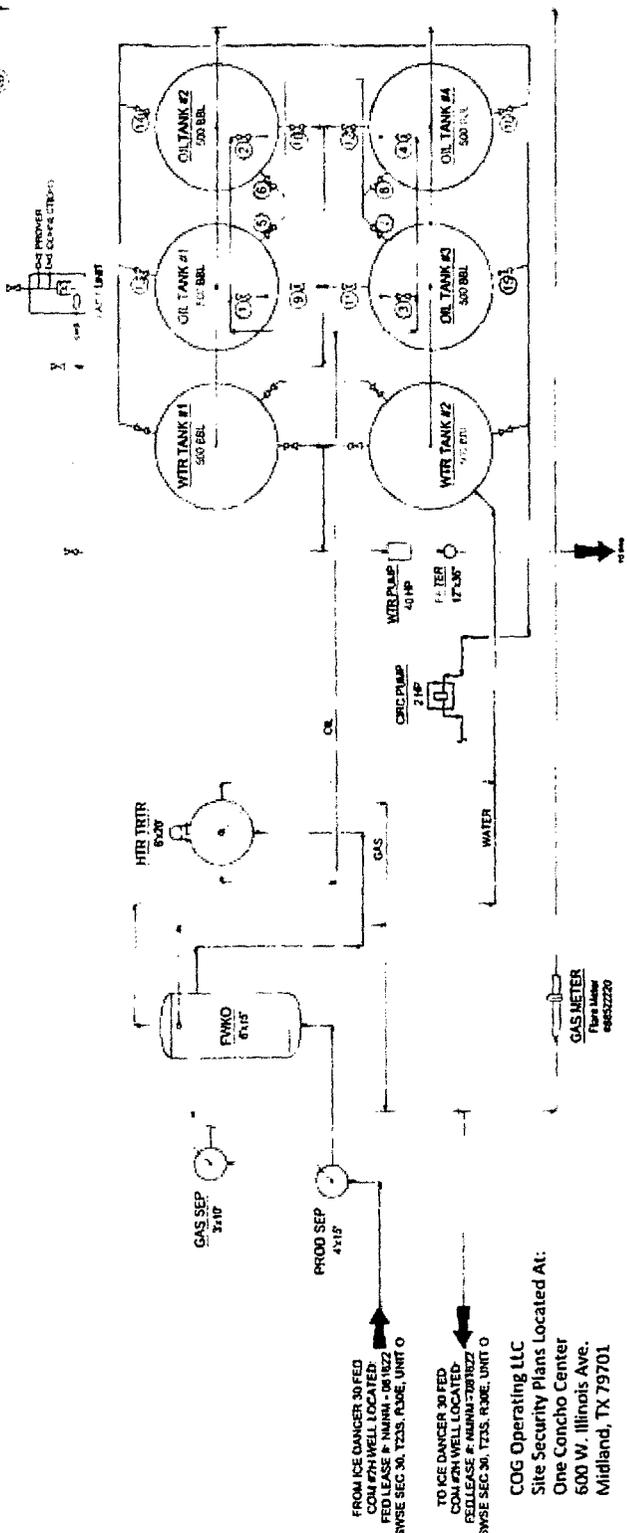


ICE DANCER 30 FEDERAL COM 2H BATTERY  
 LOCATED: GOLD RUSH 31 FED #1 WELL PAD  
 NENE SECTION 31, T23S, R30E, UNIT A  
 EDDY COUNTY, NM

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  
 - Valves 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



FROM ICE DANCER 30 FED  
 COM #7H WELL LOCATED  
 FEDERAL LEASE # NMNM-061822  
 SWSE SEC 30, T23S, R30E, UNIT O

TO ICE DANCER 30 FED  
 COM #2H WELL LOCATED  
 FEDERAL LEASE # NMNM-201822  
 SWSE SEC 30, T23S, R30E, UNIT O

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:

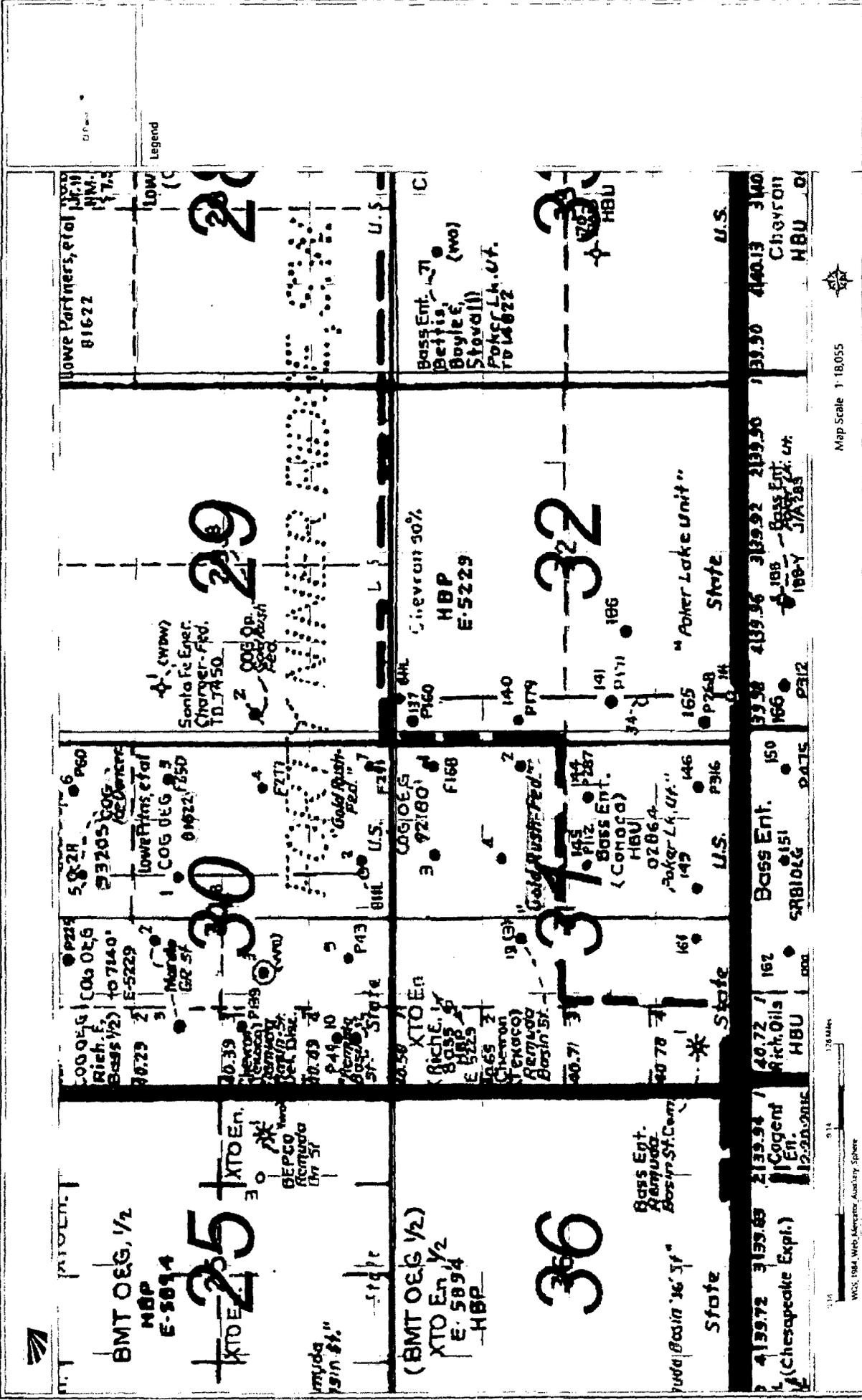
PRODUCTION PHASE		SALES PHASE		VALVE STATUS		DATE	
WELL	DATE	WELL	DATE	VALVE	STATUS	DATE	STATUS
A	8/17/11	B	8/17/11	1	OPEN	8/17/11	OPEN
B	8/17/11	C	8/17/11	2	CLOSED	8/17/11	CLOSED
C	8/17/11	D	8/17/11	3	CLOSED	8/17/11	CLOSED
D	8/17/11	E	8/17/11	4	CLOSED	8/17/11	CLOSED
E	8/17/11	F	8/17/11	5	OPEN	8/17/11	OPEN
F	8/17/11	G	8/17/11	6	OPEN	8/17/11	OPEN
G	8/17/11	H	8/17/11	7	OPEN	8/17/11	OPEN
H	8/17/11	I	8/17/11	8	OPEN	8/17/11	OPEN
I	8/17/11	J	8/17/11	9	OPEN	8/17/11	OPEN
J	8/17/11	K	8/17/11	10	CLOSED	8/17/11	CLOSED
K	8/17/11	L	8/17/11	11	CLOSED	8/17/11	CLOSED
L	8/17/11	M	8/17/11	12	CLOSED	8/17/11	CLOSED
M	8/17/11	N	8/17/11	13	OPEN	8/17/11	OPEN
N	8/17/11	O	8/17/11	14	CLOSED	8/17/11	CLOSED
O	8/17/11	P	8/17/11	15	CLOSED	8/17/11	CLOSED
P	8/17/11	Q	8/17/11	16	CLOSED	8/17/11	CLOSED

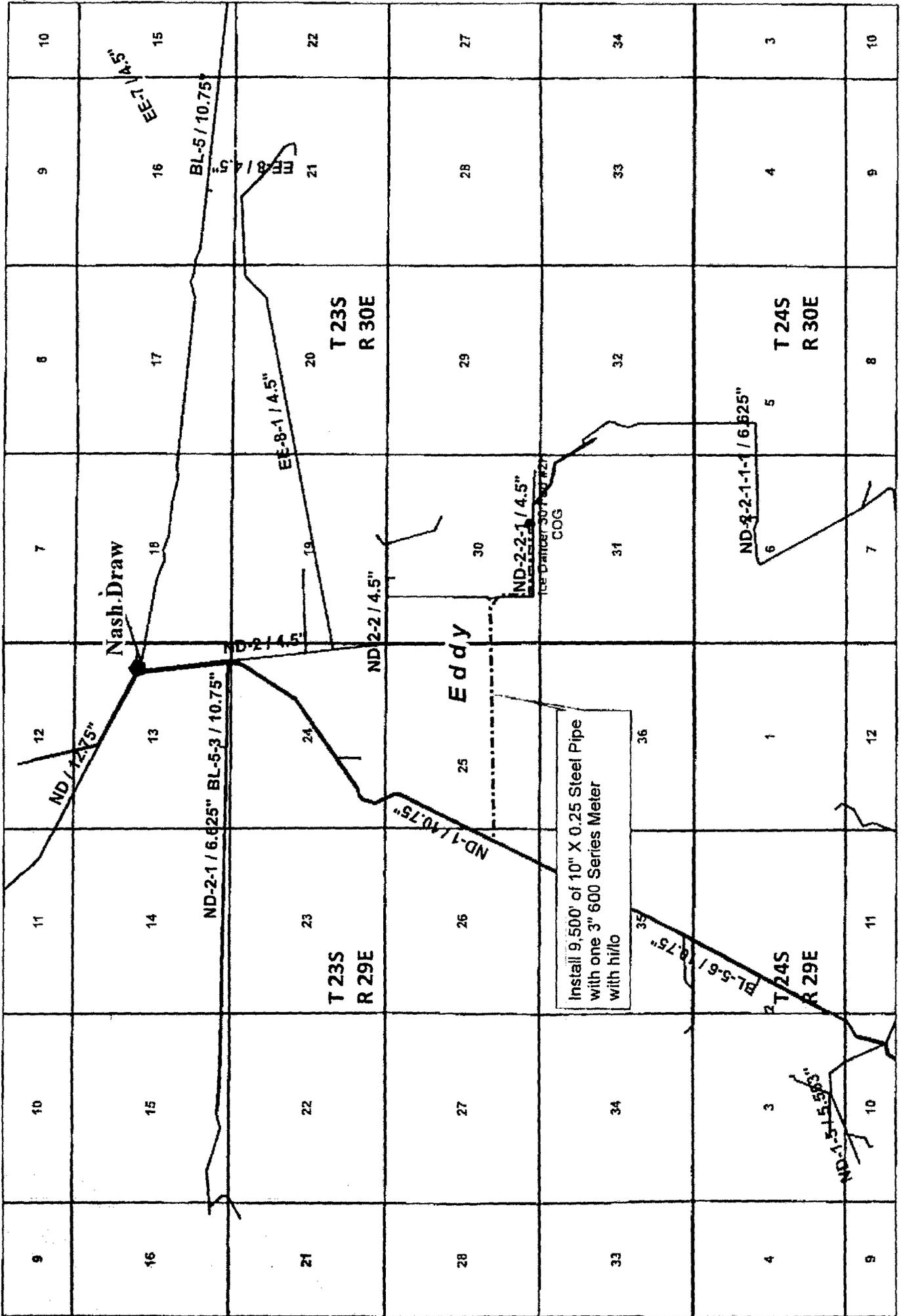
**CONCHO**  
 FEDERAL LEASE ASSET  
 SITE FACILITY (BATTERY)  
 ICE DANCER 30 FEDERAL COM 2H BATTERY  
 OPER. NO. D-1700-01-005

CONCHO OPERATING LLC  
 600 WEST MURKIN AVENUE  
 MIDLAND, TEXAS 79701

CONCHO ENERGY SERVICES  
 600 WEST MURKIN AVENUE  
 MIDLAND, TEXAS 79701

CONCHO ENERGY SERVICES  
 600 WEST MURKIN AVENUE  
 MIDLAND, TEXAS 79701





Install 9,500' of 10" X 0.25 Steel Pipe  
with one 3" 600 Series Meter  
with hi/lo

COG - Ice Dancer 30 Fed #2H  
475' FSL & 1980' FEL  
Sec 30 - T23S - R30E, Eddy Co., NM  
Date: 6/2/15



1 in = 4,167 ft

**Bureau of Land Management  
Carlsbad Field Office  
620 East Greene Street  
Carlsbad, New Mexico 88220  
575-234-5972**

**Off-Lease Measurement and Sales  
Conditions of Approval**

**COG Operating LLC  
Ice Dancer 30 Federal 2H  
3001539473, Lease-NM81622**

Approval of off-lease measurement is subject to the following conditions of approval:

1. This agency shall be notified of any change in sales method or location of the Sales point.
2. This agency shall be notified of any spill or discharge as required by NTL-3A. No gas may be vented/flared without proper measurement and prior approval. Any gas vented must be flared.
3. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments and/or product accountability.
4. This approval is subject to like approval by the New Mexico Oil Conservation Division.
5. Additional wells and/or leases require additional approvals.
6. This approval does not constitute right-of-way approval for any off-lease activities. Within 30 days, an application for right-of-way approval must be submitted to the Realty Section if not already done.
7. Approval for off-lease from various sources is a privilege which is granted to lessees/operators for the purpose of aiding conservation and extending the economic life of leases. Applicants should be cognizant that failure to operate in accordance with the provisions outlined in the Authorized Officer's conditions of approval and/or subsequent stipulations or modifications will subject such approval to revocation.