

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

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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

1. Type of Well  
 Oil Well    Gas Well    Other

8. Well Name and No.  
 Multiple--See Attached

2. Name of Operator  
 COG OPERATING LLC  
 Contact: KANICIA CASTILLO  
 E-Mail: kcastillo@concho.com

9. API Well No.  
 Multiple--See Attached

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

3b. Phone No. (include area code)  
 Ph: 432-685-4332

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

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

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

*PD 11/20/15*  
**Accepted for record**  
**NMOCD**

**NM OIL CONSERVATION**  
 ARTESIA DISTRICT

**NOV 09 2015**

**RECEIVED**

Production from these wells will be routed and measured at the CTB located at Tumak Federal #3 CTB. A test separator will be used to determine allocation using the well test method. Test Vessel S/N# 7637-J containing meters: (O) 394136, (G) D-390123. Lease# NMNM-118109, Eddy County, NM, SWSW, Sec 14, T1S, R28E.

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

**Electronic Submission #291518 verified by the BLM Well Information System  
 For COG OPERATING LLC, sent to the Carlsbad  
 Committed to AFMSS for processing by CATHY QUEEN on 06/10/2015 (15CQ0231SE)**

Name (Printed/Typed) KANICIA CASTILLO	Title PREPARER
Signature (Electronic Submission)	Date 02/12/2015

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <i>J. D. W. Rutledge</i>	Title <i>LPET</i>	Date <i>10/28/15</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.

**Additional data for EC transaction #291518 that would not fit on the form**

**Wells/Facilities, continued**

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMNM118109	NMNM118109	TUMAK FEDERAL 3	30-015-40459-00-S1	Sec 14 T17S R28E SWSW 245FSL 230FWL
NMNM118109	NMNM118109	TUMAK FEDERAL 1	30-015-40463-00-X1	Sec 14 T17S R28E SWSW 1024FSL 305FWL
NMNM118109	NMNM118109	TUMAK FEDERAL 2	30-015-40464-00-S1	Sec 14 T17S R28E SWSW 984FSL 474FWL
NMNM118109	NMNM118109	TUMAK FEDERAL 4	30-015-40460-00-X1	Sec 14 T17S R28E SWSW 455FSL 1275FWL

**32. Additional remarks, continued**

Gas measurement will take place off lease at our White Oak State #19 CTB. Lease# VB-492, Eddy County, NM, NWNE, Sec 23, T17S, R28E. Tumak will have it's own DCP sales meter at this location, DCP meter# 727044-00.

COG Operating LLC has 100% ownership in these wells.

DCP Midstream 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. COG Operating LLC will be responsible for pipeline leaks and loss of production between facility and sales meter off lease.

Row #s: NMSLU RW# 33175  
BLM NM-129229

Please see attachments.

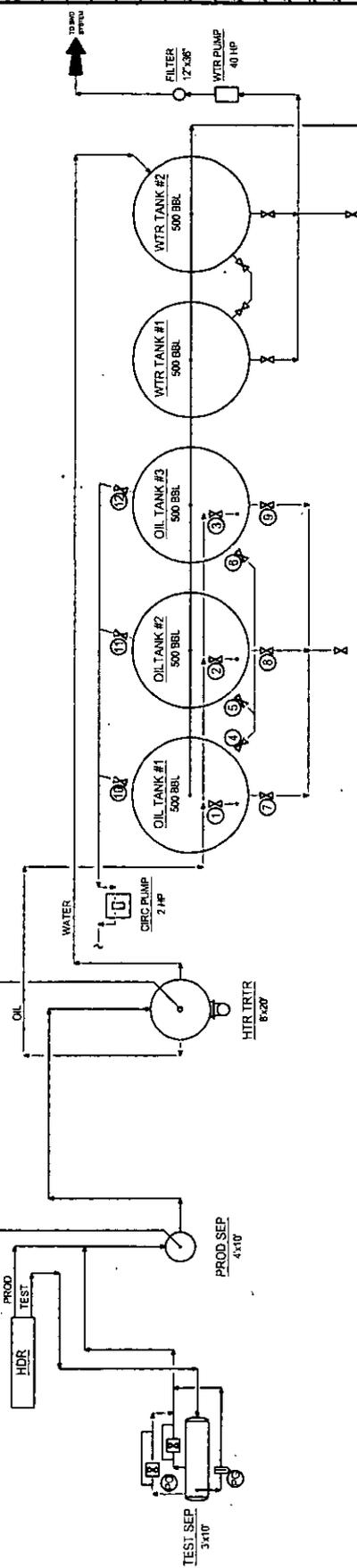
**TUMAK FEDERAL 3 BATTERY**  
 SWSW SECTION 14, T17S, R28E, UNIT M  
 EDDY COUNTY, NM

**WELLS:**  
 TUMAK FEDERAL #002: 30-015-40464  
 TUMAK FEDERAL #003: 30-015-40459

**FUTURE WELLS:**  
 TUMAK FEDERAL #001: 30-015-40463  
 TUMAK FEDERAL #004: 30-015-40460

THIS DRAWING IS THE PROPERTY OF  
 WHITE OIL SERVICES, INC. (WOSI)  
 5175 LAMAR BL. SUITE 200  
 HOUSTON, TEXAS 77056-1000  
 PHONE: 281.462.1000 FAX: 281.462.1001

**GAS METER**  
 (Locate Oil Lease)  
 DCP Gas Sales  
 Line Meter  
 #72704-00



**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: \_\_\_\_\_

PROPERTY INFORMATION		OPERATIONAL INFORMATION		REGULATORY INFORMATION		COMPLETION NOTICE	
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
1	08/21/73	1	08/21/73	1	08/21/73	1	08/21/73
2	08/21/73	2	08/21/73	2	08/21/73	2	08/21/73
3	08/21/73	3	08/21/73	3	08/21/73	3	08/21/73
4	08/21/73	4	08/21/73	4	08/21/73	4	08/21/73
5	08/21/73	5	08/21/73	5	08/21/73	5	08/21/73
6	08/21/73	6	08/21/73	6	08/21/73	6	08/21/73
7	08/21/73	7	08/21/73	7	08/21/73	7	08/21/73
8	08/21/73	8	08/21/73	8	08/21/73	8	08/21/73
9	08/21/73	9	08/21/73	9	08/21/73	9	08/21/73
10	08/21/73	10	08/21/73	10	08/21/73	10	08/21/73
11	08/21/73	11	08/21/73	11	08/21/73	11	08/21/73
12	08/21/73	12	08/21/73	12	08/21/73	12	08/21/73
13	08/21/73	13	08/21/73	13	08/21/73	13	08/21/73
14	08/21/73	14	08/21/73	14	08/21/73	14	08/21/73
15	08/21/73	15	08/21/73	15	08/21/73	15	08/21/73
16	08/21/73	16	08/21/73	16	08/21/73	16	08/21/73
17	08/21/73	17	08/21/73	17	08/21/73	17	08/21/73
18	08/21/73	18	08/21/73	18	08/21/73	18	08/21/73
19	08/21/73	19	08/21/73	19	08/21/73	19	08/21/73
20	08/21/73	20	08/21/73	20	08/21/73	20	08/21/73
21	08/21/73	21	08/21/73	21	08/21/73	21	08/21/73
22	08/21/73	22	08/21/73	22	08/21/73	22	08/21/73
23	08/21/73	23	08/21/73	23	08/21/73	23	08/21/73
24	08/21/73	24	08/21/73	24	08/21/73	24	08/21/73
25	08/21/73	25	08/21/73	25	08/21/73	25	08/21/73
26	08/21/73	26	08/21/73	26	08/21/73	26	08/21/73
27	08/21/73	27	08/21/73	27	08/21/73	27	08/21/73
28	08/21/73	28	08/21/73	28	08/21/73	28	08/21/73
29	08/21/73	29	08/21/73	29	08/21/73	29	08/21/73
30	08/21/73	30	08/21/73	30	08/21/73	30	08/21/73
31	08/21/73	31	08/21/73	31	08/21/73	31	08/21/73
32	08/21/73	32	08/21/73	32	08/21/73	32	08/21/73
33	08/21/73	33	08/21/73	33	08/21/73	33	08/21/73
34	08/21/73	34	08/21/73	34	08/21/73	34	08/21/73
35	08/21/73	35	08/21/73	35	08/21/73	35	08/21/73
36	08/21/73	36	08/21/73	36	08/21/73	36	08/21/73
37	08/21/73	37	08/21/73	37	08/21/73	37	08/21/73
38	08/21/73	38	08/21/73	38	08/21/73	38	08/21/73
39	08/21/73	39	08/21/73	39	08/21/73	39	08/21/73
40	08/21/73	40	08/21/73	40	08/21/73	40	08/21/73
41	08/21/73	41	08/21/73	41	08/21/73	41	08/21/73
42	08/21/73	42	08/21/73	42	08/21/73	42	08/21/73
43	08/21/73	43	08/21/73	43	08/21/73	43	08/21/73
44	08/21/73	44	08/21/73	44	08/21/73	44	08/21/73
45	08/21/73	45	08/21/73	45	08/21/73	45	08/21/73
46	08/21/73	46	08/21/73	46	08/21/73	46	08/21/73
47	08/21/73	47	08/21/73	47	08/21/73	47	08/21/73
48	08/21/73	48	08/21/73	48	08/21/73	48	08/21/73
49	08/21/73	49	08/21/73	49	08/21/73	49	08/21/73
50	08/21/73	50	08/21/73	50	08/21/73	50	08/21/73

Type of Lease: Federal  
 Federal Lease #: N1M1M - 118109  
 Property Code: 39326  
 OGRID #: 229137



NEW MEXICO SHELF ASSET  
 PRODUCTION FACILITIES  
 TUMAK FEDERAL 3 BATTERY

COG OPERATING LLC  
 600 WEST ILLINOIS AVENUE  
 MIDLAND, TEXAS 79701

COG OPERATING LLC  
 600 WEST ILLINOIS AVENUE  
 MIDLAND, TEXAS 79701

COG OPERATING LLC  
 600 WEST ILLINOIS AVENUE  
 MIDLAND, TEXAS 79701

COG OPERATING LLC  
 600 WEST ILLINOIS AVENUE  
 MIDLAND, TEXAS 79701

NMNM 0012896

NMLC 0068712

NMLC 0068712A

NMNM 0080268

NMNM 118706

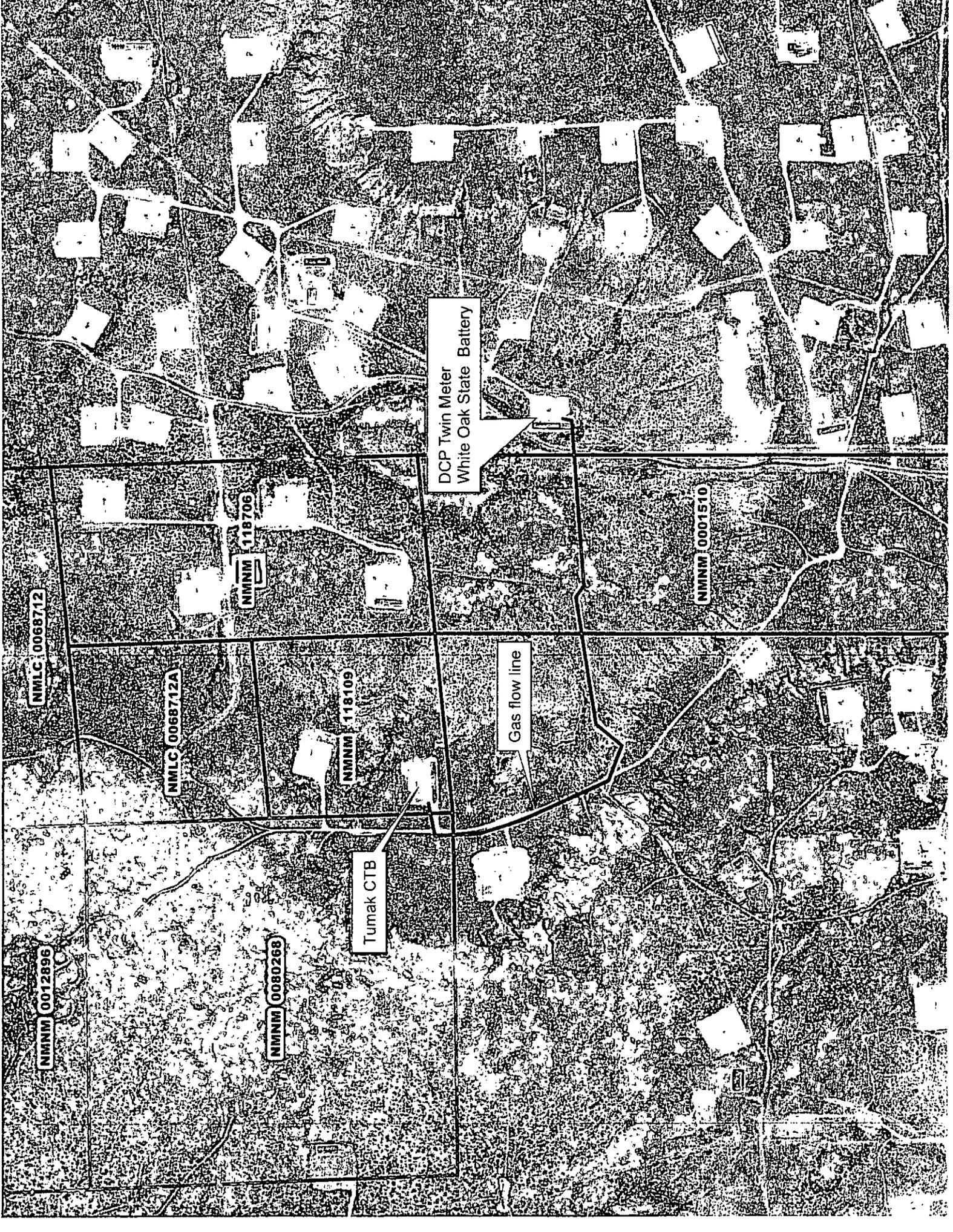
NMNM 118109

Tumak CTB

DCP Twin Meter  
White Oak State Battery

Gas flow line

NMNM 0001510





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

**Off-Lease Sales of gas production  
Conditions of Approval**

**COG Operating LLC  
Tumak Federal #1,#2,#3 and #4  
NM118109**

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.

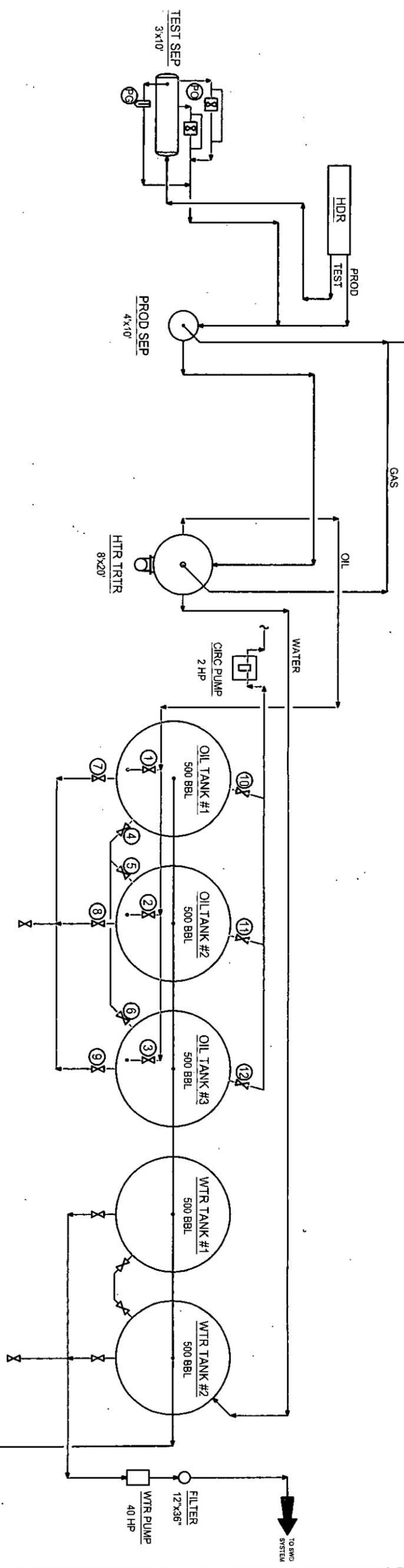
TO WHITE OAK STATE BATTERY  
 WHITE OAK STATE BATTERY SITE DIAGRAM  
 STATE LEASE S.L.# V9-049-0002  
 N.M.M.E. SECTION 23, 177S, R28E, UNIT 9

**TUMAK FEDERAL 3 BATTERY**  
 SWSW SECTION 14, T17S, R28E, UNIT M  
 EDDY COUNTY, NM

**WELLS:**  
 TUMAK FEDERAL #002: 30-015-40464  
 TUMAK FEDERAL #003: 30-015-40459

**FUTURE WELLS:**  
 TUMAK FEDERAL #001: 30-015-40463  
 TUMAK FEDERAL #004: 30-015-40460

**GAS METER**  
 (Located Off Lease)  
 DCP Gas Sales  
 Line Meter:  
 #727044-00



- 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: Federal  
 Federal Lease #: NMNM - 118109  
 Property Code: 39326  
 OGRID #: 229137

**CONFIDENTIALITY NOTICE**  
 THIS DRAWING IS PROPERTY OF COG OPERATING LLC AND IS LOANED TO THE BORROWER FOR THE EXCLUSIVE USE OF THE BORROWER. IT IS NOT TO BE REPRODUCED, COPIED, LENT OR OTHERWISE DISSEMINATED TO ANY OTHER PARTY WITHOUT THE WRITTEN PERMISSION OF COG OPERATING LLC.

**REFERENCE DRAWINGS**

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

**REVISIONS**

NO.	DATE	DESCRIPTION
A	06/07/12	ISSUE FOR SITE PERMITTING
B	09/20/16	UPDATED FOR TUMAK FED 3 BTY

**ENGINEERING RECORD**

BY	DATE
CSB	06/07/12
CSB	09/20/12

**CONVOY COUNTY**

TOWNSHIP/RANGE	GRID NO.
EDDY COUNTY	D-1700-81-005



NEW MEXICO SHELVE ASSET  
 PRODUCTION FACILITIES  
 SITE FACILITY DIAGRAM  
 TUMAK FEDERAL 3 BATTERY

NEW MEXICO  
 REV B