

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM105217
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No. NMNM114179
3b. Phone No. (include area code) Ph: 575-748-6940		8. Well Name and No. BLUE THUNDER 4 FEDERAL COM 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 4 T19S R31E SWSW 810FSL 660FWL		9. API Well No. 30-015-34125
		10. Field and Pool, or Exploratory LUSK MORROW WEST (GAS)
		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 Site Facility Diagram/Security Plan
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 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.)

See attached Site Facility Diagram.

ENTERED 2.5.17
INTO AFMSS

Accepted for record - NMOCD
AC 4-11-17

Accepted for Record Processing
Approval Subject to Onsite Inspection
Date: 2.5.17

BUREAU OF LAND MANAGEMENT
ARTESIA DISTRICT

APR 10 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #355686 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/24/2016 ()	
Name (Printed/Typed) AMANDA AVERY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/24/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Stucker</i>	Title <i>EPS, LIE</i>	Date <i>2/5/17</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

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 **

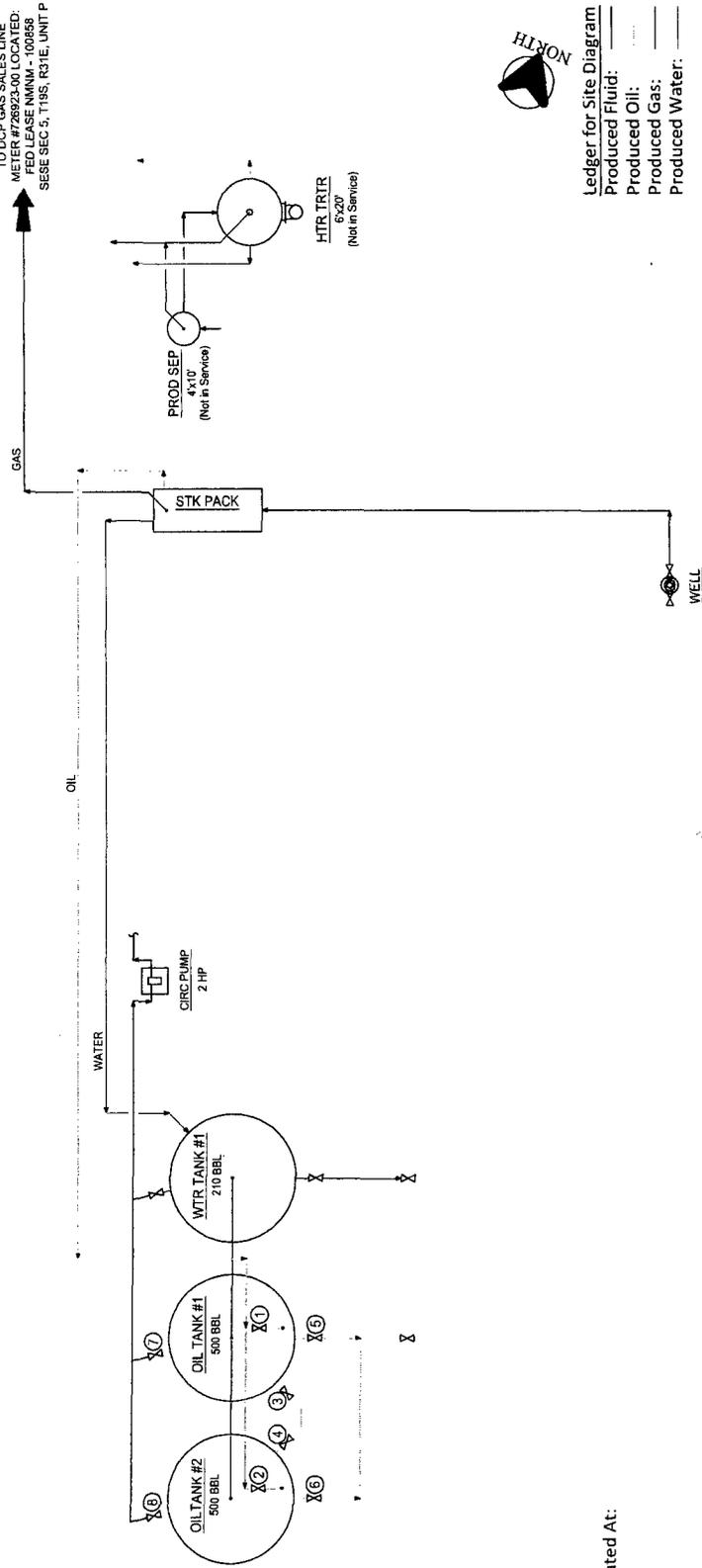
BLUE THUNDER 4 FEDERAL 1 BATTERY
 SWSW SECTION 4, T19S, R31E, UNIT M
 EDDY COUNTY, NM

WELLS:
 BLUE THUNDER 4 FEDERAL #001: 30-015-34125

- Production Phase - Oil Tank #1**
- Valve 1 open
 - Valve 2 closed
 - Valves 3 and 4 open
 - Valves 5 and 6 closed
 - Valve 7 open
 - Valve 8 closed

- Sales Phase - Oil Tank #1**
- Valve 1 closed
 - Valve 2 open
 - Valves 3 and 4 closed
 - Valve 5 open
 - Valve 6 closed
 - Valve 7 closed
 - Valve 8 open

TO DCP GAS SALES LINE
 METER #728923.00 LOCATED:
 FED LEASE NMM - 100858
 SESE SEC 5, T19S, R31E, UNIT P



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

Type of Lease: Federal
 Federal Lease #: NMM - 105217
 Property Code: 34747
 OGRID #: 229137

Ledger for Site Diagram
 Produced Fluid: _____
 Produced Oil: _____
 Produced Gas: _____
 Produced Water: _____

COMPARTMENTALITY NOTICE		REFERENCE DRAWINGS		REVISIONS		DIMENSIONAL RECORD	
NO.	TITLE	NO.	DATE	DESCRIPTION	BY	CHK	DATE
1	COG OPERATING LLC 600 WEST ILLINOIS AVENUE MIDLAND, TEXAS 79701	1	10/27/14	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
2		2	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
3		3	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
4		4	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
5		5	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
6		6	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
7		7	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
8		8	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
9		9	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
10		10	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
11		11	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
12		12	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
13		13	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
14		14	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
15		15	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
16		16	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
17		17	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
18		18	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
19		19	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
20		20	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
21		21	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
22		22	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
23		23	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
24		24	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
25		25	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
26		26	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
27		27	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
28		28	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
29		29	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
30		30	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
31		31	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
32		32	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
33		33	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
34		34	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
35		35	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
36		36	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
37		37	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
38		38	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
39		39	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
40		40	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
41		41	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
42		42	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
43		43	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
44		44	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
45		45	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
46		46	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
47		47	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
48		48	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
49		49	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12
50		50	08/07/12	ISSUED BLUE THUNDER 1 FED 1 BTY	CH	CH	06/07/12

CONCHO
 NEW MEXICO BASIN ASSET
 SITE FACILITY DIAGRAM
 BLUE THUNDER 4 FEDERAL 1 BATTERY
 EDDY COUNTY NEW MEXICO
 SHEET/FRAME D-1700-B-005
 MULTIPLE B