

Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-42700
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Matador Production Company		6. State Oil & Gas Lease No. 40311
3. Address of Operator 5400 LBJ Freeway STE 1500 Dallas, TX 75240		7. Lease Name or Unit Agreement Name NORRIS-THORNTON COM
4. Well Location Unit Letter I : 2110 feet from the SOUTH line and 992 feet from the EAST line Section 23 Township 23S Range 27E NMPM County EDDY		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3135		9. OGRID Number 228937
		10. Pool name or Wildcat CASS DRAW;BONE SPRING

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Well Deepening <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Matador Production Company would like to deepen this well to a depth of 12700'. The pool will be changed to CARLSBAD;MORROW, SOUTH (GAS) (73960). Please see the revised casing and cementing plan with this revised depths:

String:	Fluid Type:	Hole Size:	Casing Size:	Casing Grade:	Casing Weight:	Depth Set:	Top of Casing:	Total Sacks of Cement:	Estimated Top of Cement:
Surface	Fresh Water	17.5	13.375	J-55	54.5	422	0	470	Surface
Intermediate 1	Cut Brine	12.25	9.625	J-55	40	2133	0	750	Surface
Intermediate 2	Cut Brine	8.75	7	L-80	26	7772	0	840	Surface
Intermediate 2	Cut Brine	8.75	7	HCP-110	26	9483	7772	610	Surface
Production	Mud	6.125	4.5	P-110	13.5	12700	8950	300	8950

Spud Date:

11/09/2014

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Sherry Gore

TITLE Regulatory Tech

DATE

11/27/17

Type or print name Sherri Gore

E-mail address: sgore@matadorresources.com

PHONE: 972-371-5467

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

District I
1625 N. French Dr., Hobbs, NM 88240
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Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Sante Fe, NM 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

DEC 05 2017

RECEIVED

FORM C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-42700	² Pool Code 73960	³ Pool Name CARLSBAD;MORROW, SOUTH (GAS)
⁴ Property Code 40311	⁵ Property Name NORRIS-THORNTON COM	
⁷ OGRID No. 228937	⁶ Operator Name MATADOR PRODUCTION COMPANY	⁸ Well Number #2
		⁹ Elevation 3135'

¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	23	23-S	27-E	-	2110'	SOUTH	992'	EAST	EDDY

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
-	-	-	-	-	-	-	-	-	-

¹² Dedicated Acres 321.74	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

	<p>¹⁷OPERATOR CERTIFICATION</p> <p>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 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Sara Hartsfield</i> 11.29.17 Signature Date</p> <p>Sara Hartsfield Printed Name</p> <p>shartsfield@matadorresources.com E-mail Address</p>
	<p>¹⁸SURVEYOR CERTIFICATION</p> <p>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 to the best of my belief.</p> <p>11/13/2017 Date of Survey</p> <p><i>Michael Brown</i> Signature and Seal of Professional Surveyor</p> <p>18229 Certificate Number</p>

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Submit Original
to Appropriate
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NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 05 2017

GAS CAPTURE PLAN

RECEIVED

Date: 5/18/2016

☒ Original

Operator & OGRID No.: COG Operating LLC, OGRID 229137

☐ Amended - Reason for Amendment: _____

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomple to new zone, re-frac) activity.

Note: Form C-129 must be submitted and approved prior to exceeding 60 days allowed by Rule (Subsection A of 19.15.18.12 NMAC).

Well(s)/Production Facility – Name of facility

The well(s) that will be located at the production facility are shown in the table below.

Well Name	API	Well Location (ULSTR)	Footages	Expected MCF/D	Flared or Vented	Comments
SRO State Com #30H	30-015-	B-20-26S-28E	330' FNL & 2090' FEL	1400		Gas connect to SRO State Com #53H

Gathering System and Pipeline Notification

Well(s) will be connected to a production facility after flowback operations are complete, if gas transporter system is in place. The gas produced from production facility is dedicated to Energy Transfer, and will be connected to Red Bluff low/high pressure gathering system located in Eddy County, New Mexico. It will require 0' to an undetermined amount of feet of pipeline to connect the facility to low/high pressure gathering system. COG Operating LLC provides (periodically) to Energy Transfer a drilling, completion and estimated first production date for wells that are scheduled to be drilled in the foreseeable future. In addition, COG Operating LLC and Energy Transfer have periodic conference calls to discuss changes to drilling and completion schedules. Gas from these wells will be processed at Red Bluff Processing Plant located in Sec 35-BLK 57, T2, Culberson Co., Texas. The actual flow of the gas will be based on compression operating parameters and gathering system pressures.

Flowback Strategy

After the fracture treatment/completion operations, well(s) will be produced to temporary production tanks and gas will be flared or vented. During flowback, the fluids and sand content will be monitored. When the produced fluids contain minimal sand, the wells will be turned to production facilities. Gas sales should start as soon as the wells start flowing through the production facilities, unless there are operational issues on Gas Transporter system at that time. Based on current information, it is Operator's belief the system can take this gas upon completion of the well(s).

Safety requirements during cleanout operations from the use of underbalanced air cleanout systems may necessitate that sand and non-pipeline quality gas be vented and/or flared rather than sold on a temporary basis.

Alternatives to Reduce Flaring

Below are alternatives considered from a conceptual standpoint to reduce the amount of gas flared.

- Power Generation – On lease
 - Only a portion of gas is consumed operating the generator, remainder of gas will be flared
- Compressed Natural Gas – On lease
 - Gas flared would be minimal, but might be uneconomical to operate when gas volume declines
- NGL Removal – On lease
 - Plants are expensive, residue gas is still flared, and uneconomical to operate when gas volume declines