Office		ct		te of New M				ru	rm C-103
<u>District 1</u> – (575) 39	93-6161]	Energy, Min	erals and Nat	ural Resource		***************************************	Revised.	luly 18, 2013
1625 N. French Dr.		10				WE	LL API NO.	42700	
District II – (575) 748-1283 811 S. First St., Artesia, NM 88210 OIL CONS			SERVATION	NOIVISION		30-015-42700			
<u>District III</u> – (505) 334-6178 1220 S			South St. Fra	ncis Dr.	3. 11	5. Indicate Type of Lease			
1000 Rio Brazos Rd., Aztec, NM 87410			nta Fe, NM 8			STATE FEE 6. State Oil & Gas Lease No.			
<u>District IV</u> – (505) 1220 S. St. Francis		ſ	Sai	ita i C, 141vi O	17505	0. 3		Lease No.	
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(DO NOT USE TH						NOR	RIS-THORNTON CC		
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	·	STE 1500		DE	0 5 2017	1	DRAW;BONE SPRI		
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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Rood, Azlee, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Sante Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

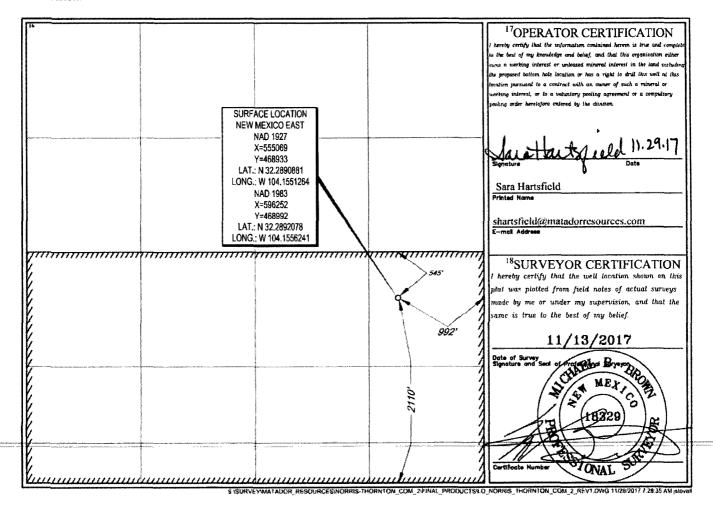
State of New Mexico
Energy, Minerals & Natural Resources OIL CONSERVATION Seed August 1, 2011
ARTESIA DISTRIBUTION DISTRIB

1220 South St. Francis Dr. Sante Fe, NM 87505

ECEIVED AMENDED REPORT

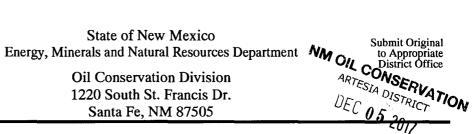
WELL LOCATION AND ACREAGE DEDICATION PLAT API Number Pool Code 30-015-42700 73960 CARLSBAD; MORROW, SOUTH (GAS) Property Code Property Name Well Number 40311 NORRIS-THORNTON COM #2 OGRID No. ⁸Operator Name Elevation 228937 MATADOR PRODUCTION COMPANY 3135 ¹⁰Surface Location UL or let no. East/West lin Section Township Rauge Lot Ide Feet from the North/South line Feet from the County 992' 1 23 23-S 27-E 2110' SOUTH EAST **EDDY** UL or lot no. East/West li Sectio Township Feet from the Feet from (Lot fds Rang ²Dedicated Acres Joint or Infill Consolidation Code Order No. 321.74

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.



District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 1220 S. St. Francis Dr., Santa Fe, NM 87505

Santa Fe, NM 87505



GAS CAPTURE PLAN

Date: <u>5/18/2016</u>	EIVED
☑ Original☐ Amended - Reason for Amendment:	Operator & OGRID No.: COG Operating LLC, OGRID 229137

This Gas Capture Plan outlines actions to be taken by the Operator to reduce well/production facility flaring/venting for new completion (new drill, recomplete 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
 - o 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