

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED
OMB No. 1004-0137
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 page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM126410
2. Name of Operator COG Operating LLC		6. If Indian, Allottee, or Tribe Name
3a. Address 2208 W. Main Street Artesia, NM 88210	3b. Phone No. (include area code) 575-748-6940	7. If Unit or CA. Agreement Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL: 1980' FNL & 370' FEL, Sec 25-T24S-R28E		8. Well Name and No. Mongo 25 Federal Com #2
Lat. Long.		9. API Well No. 30-015-37164
		10. Field and Pool, or Exploratory Area Rock Spur; Delaware/Bone Spring
		11. County or Parish, State Eddy County NM

12. CHECK APPROPRIATE BOX(S) 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"/> Altering 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 <u>Site Facility</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	<u>Gas Analysis</u>
	<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 recomplate horizontally, give subsurface locations and measured and true vertical depths or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 Notice shall be filed only after all requirements, including reclamantion, have been completed, and the operator has determined that the site is ready for final inspection.)

Please see attached Site Facility Diagram and gas analysis.

RECEIVED
APR 24 2013
NMOCD ARTESIA

Rec'd 4/24/2013
Accepted for record
NMBCO

Accepted for Record Purposes.
Approval Subject to Onsite Inspections.

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

Name (Printed/ Typed) Amy Avery	Title: Regulatory Technician
Signature: <i>Amy Avery</i>	Date: 3/22/13

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

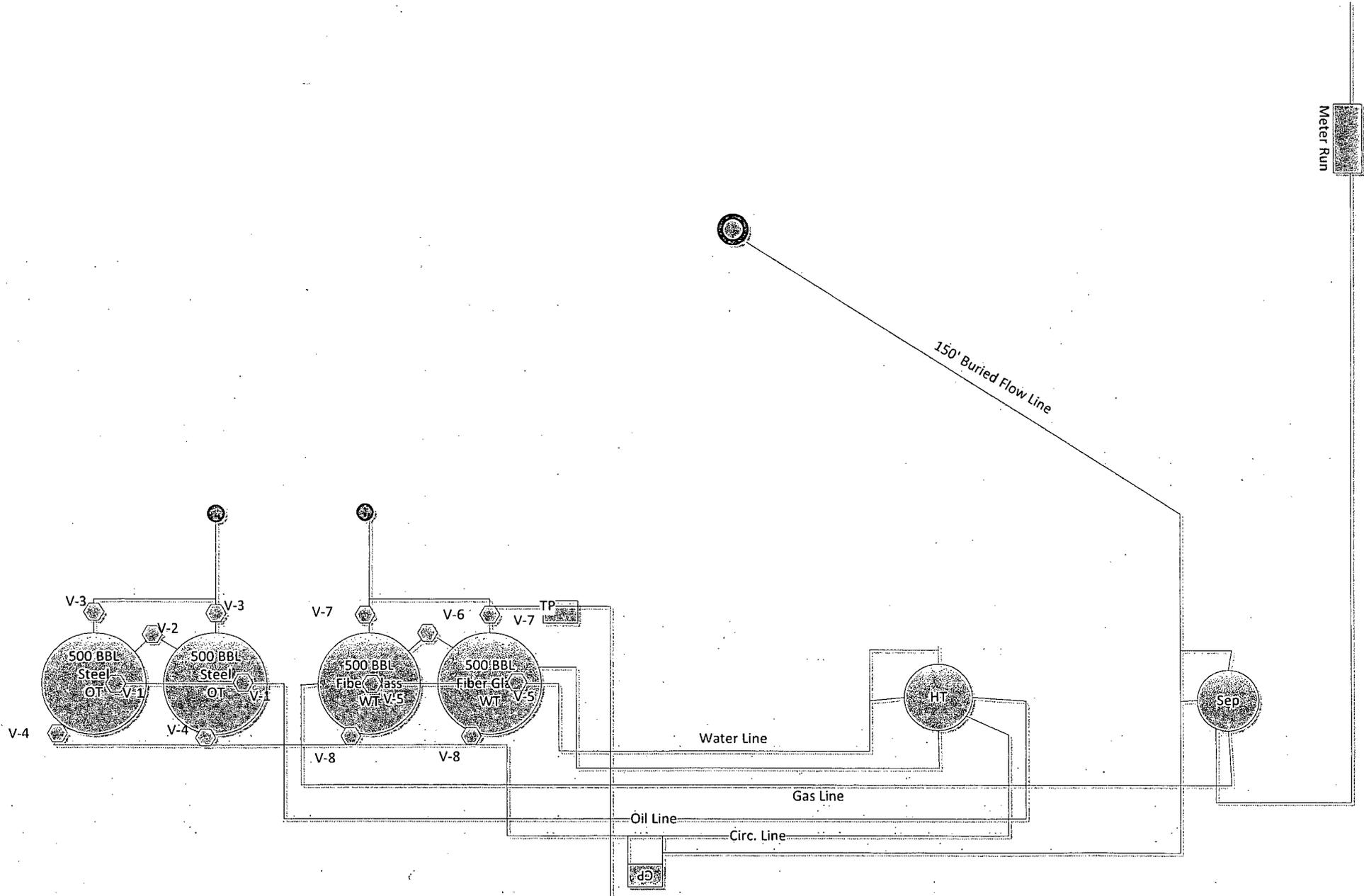
Approved by: <u>Is/ Jerry Blakley</u>	Title:	Date: APR 22 2013
Conditions of approval, if any are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations 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 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)

ACCEPTED FOR RECORD
APR 22 2013
BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

COG Operating LLC
Mongo 25 Federal Com #2
NMNM126410
30-015-37164
Sec. 25-T24S-R28E
Eddy County, NM



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1. Production Phase (OT#1)

- A. Valves #1,#2,#4,#5,#6,#8 Open
- B. Valve #3 Closed and Sealed
- C. Valve #7 Closed
- D. Valves on OT #2 and #3 Positioned:
 - 1. Valves #1,#2,#3 & #4 Closed and sealed

II. Sales Phase (OT#1)

- A. Valves #1,#2 and #4 Closed and Sealed
- B. Valve #3 on OT #1 Open
- C. Valves on OT #2 and #3 Positioned:
 - 1. Valve #1 & #2 Open
 - 2. Valve #3 and #4 Closed and Sealed

Production Phase (OT #2)

- A. Valves #1,#2,#4,#5,#6,#8 Open
- B. Valve #3 Closed and Sealed
- C. Valve #7 Closed
- D. Valves on OT #1 and #3 Positioned:
 - 1. Valves #1,#2,#3,#4 Closed and Sealed

Sales Phase (OT#2)

- A. Valves #1,#2 and #4 Closed and Sealed
- B. Valve #3 on OT #2 Open
- C. Valves on OT #1 and #3 Positioned:
 - 1. Valve #1 Open
 - 2. Valve #3 and #4 Closed and Sealed

Wildcat Measurement Service
P.O.Box 1836
416 East Main Street
Artesia, NM 88211-1836

2/12/2013 1:33 PM
Phone: 575-746-3481
888-421-9453
Fax: 575-748-9852
dnorman@wildcatms.com

GAS ANALYSIS REPORT

Analysis For: COG OPERATING, L.L.C.
Field Name:
Well Name: MONGO "25" FEDERAL COM #2H
Station Number: 725092-00
Purpose: SPOT
Sample Deg. F: 73.1
Volume/Day:
Formation:
Line PSIG: 550.5
Line PSIA: 563.7

Run No: 2130212-03
Date Run: 02/12/2013
Date Sampled: 02/11/2013
Producer: OGX RESOURCES
County: EDDY
State: NM
Sampled By: MIKE DUNN
Atmos Deg. F: 64

GAS COMPONENTS			
		MOL%	GPM
Oxygen	O2:	0.0000	
Carbon Dioxide	C02:	8.5614	
Nitrogen	N2:	2.5060	
Hydrogen Sulfide	H2S:	0.0000	
Methane	C1:	69.4131	
Ethane	C2:	10.1002	2.7005
Propane	C3:	5.4722	1.5072
Iso-Butane	IC4:	0.7183	0.2350
Nor-Butane	NC4:	1.7418	0.5490
Iso-Pentane	IC5:	0.3548	0.1297
Nor-Pentanes	NC5:	0.3574	0.1295
Hexanes Plus	C6+:	0.7748	0.3368
Totals		100.0000	5.5877

Pressure Base: 14.730
Real BTU Dry: 1173.241
Real BTU Wet: 1152.873
Calc. Ideal Gravity: 0.8190
Calc. Real Gravity: 0.8219
Field Gravity:
Standard Pressure: 14.696
Ideal BTU Dry: 1165.944
Ideal BTU Wet: 1145.656
Z Factor: 0.9961
Average Mol Weight: 23.7212
Average CuFt/Gal: 55.2891
26 lb. Product: 0.9280
Ethane+ GPM: 5.5877
Propane+ GPM: 2.8873
Butane+ GPM: 1.3801
Pentane+ GPM: 0.5961

Remarks:
H2S IN GAS STREAM ON LOCATION: NONE DETECTED

Analysis By: Don Norman