

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. NM114979
2. Name of Operator COG Production 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: 330' FNL & 480' FWL, Unit D Sec 13-T24S-R31E		8. Well Name and No. Canvasback 13 Federal #1H
Lat. Long.		9. API Well No. 30-015-39191
		10. Field and Pool, or Exploratory Area Cotton Draw; Bone Spring, East
		11. County or Parish, State Eddy County NM

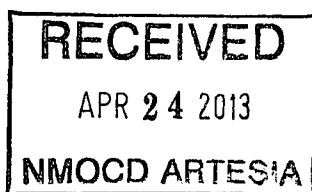
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and abandon	<input type="checkbox"/> Temporarily Abandon	Site Facility
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug back	<input type="checkbox"/> Water Disposal	Gas Analysis

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 recompleate 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 recompleation 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.)

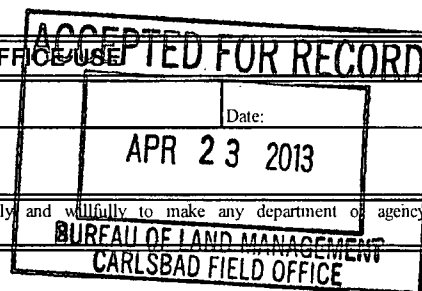
Please see attached Gas Analysis and Site Facility Diagram.

RDack 4/13/2013
Accepted for record
NMOC



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: 2/18/13
THIS SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by: <i>Accepted</i> /s/ Jerry Blakley		Date: APR 23 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.		
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)		





www.permianls.com

575.397.3713 2609 W Marland Hobbs NM 88240

For: Concho Resources
Attention: Josh Russo
Fasken Center Tower 2, Suite 1300
550 W. Texas Avenue
Midland, Texas 79701

Sample: Meter Run
Identification: Canvasback 13 Fed 1H
Company: Concho Resources
Lease:
Plant:

Sample Data: Date Sampled 6/21/2012
Analysis Date 6/22/2012
Pressure-PSIA 480.6
Sample Temp F 899.6
Atmos Temp F 79

Sampled by: Dustin Armstrong
Analysis by: Vickie Sullivan

H2S = 0.3 PPM

Component Analysis

		Mol Percent	GPM
Hydrogen Sulfide	H2S	0.000	
Nitrogen	N2	3.824	
Carbon Dioxide	CO2	0.107	
Methane	C1	78.379	
Ethane	C2	10.343	2.759
Propane	C3	4.884	1.342
I-Butane	IC4	0.486	0.159
N-Butane	NC4	1.142	0.359
I-Pentane	IC5	0.233	0.085
N-Pentane	NC5	0.247	0.089
Hexanes Plus	C6+	0.355	0.154
		100.000	4.947

REAL BTU/CU.FT.

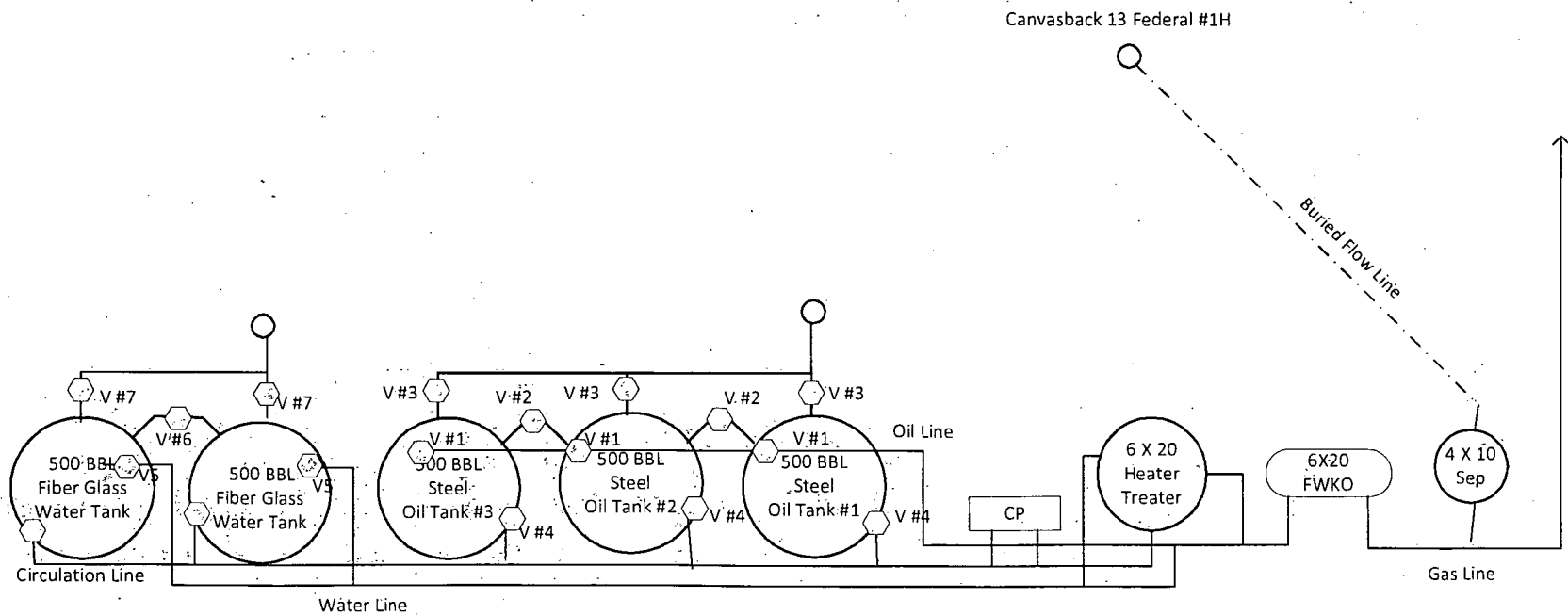
At 14.65 DRY	1188.2
At 14.65 WET	1167.4
At 14.696 DRY	1191.9
At 14.696 WET	1171.5
At 14.73 DRY	1194.6
At 14.73 Wet	1174.0

Specific Gravity

Calculated 0.7105

Molecular Weight 20.5793

COG Operating LLC
Canvasback 13 Federal #1H
NMNM114979
30-015-39191-00-X1
Sec 13-T24S-R31E
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,#2B,#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

Sales Phase (OT #3)

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

Production Phase (OT #3)

- 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 #1 Positioned:
 - 1. Valve #1,#2,#3 & #4 Closed and Sealed