

Submit to Appropriate District Office  
Five Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
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

MAR 12 2009

Form C-105  
June 19, 2008

WELL API NO.

30-015-36478

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

4. Well Location

Unit Letter H : 2310 Feet From The North Line and 990 Feet From The East Line

Section 24

Township 17S

Range 28E

NMPM

County Eddy

10. Date Spudded

01/24/09

11. Date T.D. Reached

02/02/09

12. Date Rig Released

02/03/09

13. Date Completed (Ready to Produce)

2-26-09

14. Elevations (DF and RKB,

RT, GR, etc.) 3689 GR

15. Total Measured Depth of Well

5379

16. Plug Back Measured Depth

5303

17. If Multiple Compl. How Many Zones?

18. Producing Interval(s), of this completion - Top, Bottom, Name

YESO /

19. Was Directional Survey Made

20. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

21. Was Well Cored

22. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	32	247	11	880	0
5 1/2	17	5378	7 7/8	1250	0

23. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

24. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	4178	

25. Perforation record (interval, size, and number)

4280 - 4480 2 SPF, 36 holes OPEN  
4630 - 4830 2 SPF, 36 holes OPEN  
4900 - 5100 2 SPF, 48 holes OPEN

26. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4480	See attachment
4630 - 4830	See attachment
4900 - 5100	See attachment

27. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. Or Shut-in)		
3-2-09		Pumping			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-5-09	24			47	94	431	2000
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
						37.6	

28. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

Test Witnessed By

Kent Greenway

29. List Attachments

Logs, C102, C103, Deviation Report, C104

30. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

31. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Phyllis A. Edwards Printed Name

Phyllis A. Edwards

Title

Regulatory Analyst

Date 3-11-09

E-mail Address pedwards@conchoresources.com

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <b>755</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>1575</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2280</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>3710</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <b>5210</b>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T. <b>Yeso</b> <b>3780</b>	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**KOOL AID STATE # 1****API#: 30-015-36487****EDDY, NM****C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4280 - 4480	Acidize w/ 3400 gals acid
	Frac w/110,000 gal Slvr Stm gel, 131,400#
	White, & 32,900# Siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4630 - 4830	Acidize w/ 2500 gals acid.
	Frac w/115,000 gal Slvr Stm gel, 143,200#
	White, & 36,000# Siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5100	Acidize w/ 2500 gals acid.
	Frac w/113,000 gal Slvr Stm gel, 140,900#
	White, & 33,200# Siberprop

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
Permit 77731**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-36478	2. Pool Code 96210	3. Pool Name EMPIRE; GLORIETA-YESO
4. Property Code 37287	5. Property Name KOOL AID STATE	6. Well No. 001
7. OGRID No. 229137	8. Operator Name COG OPERATING LLC	9. Elevation 3689

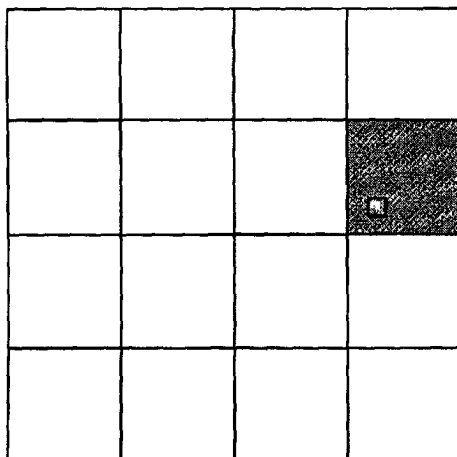
**10. Surface Location**

UL - Lot H	Section 24	Township 17S	Range 28E	Lot Idn	Feet From 2310	N/S Line N	Feet From 990	E/W Line E	County EDDY
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	------------------	---------------	----------------

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code		15. Order No.			

**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**

**OPERATOR CERTIFICATION**

*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(s) 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.*

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 7/29/2008

**SURVEYOR CERTIFICATION**

*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 and correct to the best of my belief.*

Surveyed By: Ronald Eidson

Date of Survey: 7/14/2008

Certificate Number: 3239