

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 3 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

Form C-105
Revised June 10, 2003

WELL API NO.

30-015-34871

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

OCT 04 2007

3. Address of Operator

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

OCD-ARTESIA

8. Well No.

011

9. Pool name or Wildcat

Loco Hills; Glorieta Yeso

96718

4. Well Location

Unit Letter **P** : **865** Feet From The **South** Line and **330** Feet From The **East** Line

Section **16** Township **17S** Range **30E** NMPM **Eddy** County

10. Date Spudded

5/17/07

11. Date T.D. Reached

5/28/07

12. Date Compl. (Ready to Prod.)

6-21-07

13. Elevations (DF& RKB, RT, GR, etc.)

3680 GR

14. Elev. Casinghead

15. Total Depth

6115

16. Plug Back T.D.

6098

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

X

Cable Tools

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

4865' - 5791' Yeso

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

22. Was Well Cored

No

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

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	436	17 1/2	927 sxs	
8 5/8	32	1387	12 1/4	800 sxs	
5 1/2	17	6,111	7-7/8	1400 sxs	

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25.

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8	5806	

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

4865' - 5182' 2 SPF, 34 holes OPEN
5300' - 5546' 1 SPF, 28 holes OPEN
5665' - 5791' 2 SPF, 22 holes OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,865' - 5,182'	See attachment
5,300' - 5,546'	See attachment
5,665' - 5,791'	See attachment

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PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
6-22-07		2-1/2 x 2 x 24' RHTC pump				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
6-24-07	24			120	400	300	3,333
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

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

Sold

Test Witnessed By

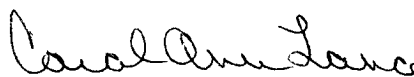
Mark Brewer

30. List Attachments

Logs, C103, Deviation Report, C104

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

Signature



Printed

Name Carol Ann Lance

Title Regulatory Analyst

Date 6/27/07

E-mail Address clance@conchoresources.com

HARPER STATE #11
API#: 30-015-34871
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4,865' - 5,182'	Frac w/90,489 gals 30# & 40# gel, 8000#
	LiteProp, 61,269# 16/30 sand, 15,300#
	SiberProp 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5,300' - 5,546'	Frac w/82,690 gals 30# & 40# gel,
	8000# LiteProp, 74,620# 16/30 sd,
	& 15,720# SiberProp 16/30 RC sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5,665' - 5,791'	Acidize w/ 2500 gals 15% HCL acid.
	Frac w/ 80,000 gals 30# & 40# gel,
	8000# LiteProp, 74,940# 16/30 sand,
	15,100# SiberProp 16/30 RC sand.

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 1211	T. Miss		T. Cliff House	T. Leadville
T. 7 Rivers 1513	T. Devonian		T. Menefee	T. Madison
T. Queen 2121	T. Silurian		T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya		T. Mancos	T. McCracken
T. San Andres 2836	T. Simpson		T. Gallup	T. Ignacio Otzte
T. Glorieta 4334	T. McKee		Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger		T. Dakota	T.
T. Blinbry	T. Gr. Wash		T. Morrison	T.
T. Tubb	T. Delaware Sand		T. Todilto	T.
T. Drinkard	T. Bone Spring		T. Entrada	T.
T. Abo	T. <u>Morrow</u>		T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> 4395		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