

Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 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

FEB 11 2009

Form C-105

Revised June 10, 2003

WELL API NO.

30-015-32062

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.E-4201

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

7. Lease Name or Unit Agreement Name

State S-19

3. Address of Operator

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

8. Well No.

21

9. Pool name or Wildcat

Empire; Glorieta-Yeso 96210

4. Well Location

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

Section 19 Township 17S Range 29E NMPM Eddy County

10. Date Spudded

9/11/08

11. Date T.D. Reached

10/02/08

12. Date Compl. (Ready to Prod.)

10/29/08

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

3649' GR

14. Elev. Casinghead

15. Total Depth

5506

16. Plug Back T.D.

5365

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Yes

Cable Tools

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

4400 - 5300 - Yeso

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

Compensated Neutron / CCL

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#	349	17 1/2	375 sxs	None
8-5/8	24#	810	12 1/4	500 sxs	None
5-1/2	17#	4350'	7 7/8	860 sxs	None
4	11.3#	5506'	4 3/4	120 sxs	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8	4072	

25. TUBING RECORD

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

4400 - 4600, 2 SPF, 36 holes

4700 - 4900, 2 SPF, 32 holes

5100 - 5300, 2 SPF, 48 holes

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

4400 - 4600 See Attached

4700 - 4900 See Attached

5100 - 5300 See Attached

28. PRODUCTION

Date First Production

10/29/08

Production Method (Flowing, gas lift, pumping - Size and type pump)

2" x 1 1/2" x 16' RHTC Pump

Well Status (Prod or Shut-in)

Producing

Date of Test

11/10/08

Hours Tested

24

Choke Size

Prod'n For Test Period

Oil - Bbl

71

Gas - MCF

4

Water - Bbl.

53

Gas - Oil Ratio

56

Flow Tubing Press.

Casing Pressure

Calculated 24-Hour Rate

Oil - Bbl.

Gas - MCF

Water - Bbl.

Oil Gravity - API - (Corr.)

37.9

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

Sold

Test Witnessed By

Kent Greenway

30. List Attachments

Logs & Deviation Survey to be mailed

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

E-mail Address pedwards@conchoresources.com

Printed

Name Phyllis A. Edwards

Title Regulatory Analyst

Date 2/2/09

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 742'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 1006'	T. Devonian	T. Menefee	T. Madison
T. Queen 1610'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2283	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3736	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	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. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso	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. 3, from.....to.....
 No. 2, 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
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