

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

30-025-37491

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

7. Lease Name or Unit Agreement Name

Red Raider State

8. Well No.

002

9. Pool name or Wildcat

Featherstone; Bone Spring, East

4. Well Location

Unit Letter G : 1980 Feet From The North Line and 1980 Feet From The East Line

Section 19 Township 20S Range 36E NMPM Lea County

10. Date Spudded

11/23/05

11. Date T.D. Reached

12/28/05

12. Date Compl. (Ready to Prod.)

3/9/06

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

3628 GR

14. Elev. Casinghead

15. Total Depth

10202

16. Plug Back T.D.

7936

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

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

7860' - 7914' - Bone Spring

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run
Laterlog, Density / Neutron

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	512	17 1/2	430 sx	Circ 140 sx to pit
9 5/8	32	3800	11	1550 sx	Circ 310 sx to pit
5 1/2	17	10202	7-7/8	1230 sx	TOC @ 2100'

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	7867'	7718

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

10100-10108, 4 SPF- Plugged
9966-10016, 2 SPF-Plugged
9887- 9891, 4 SPF-Plugged
9841-9850, 4 SPF - Plugged
7946-7962, 4 SPF - Plugged
CIBP @ 7936'
7860-7914, 2 SPF - Open

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
7946-7962 1000 gals 15% 90/10 acid & 75 BS
7860-7914 5000 gal 15% 90/10 HCl acid
7860-7914 420 BBLS acid & 50 BS

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Prod. or Shut-in)		
3/9/06		Pumping			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/14/06	24			52	0	47	0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
						42.1	

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

Test Witnessed By
Boyd Chesser

30. List Attachments

Logs, C102, 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 Phyllis A. Edwards Printed Name Phyllis A. Edwards Title Regulatory Analyst Date 5/22/06
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 <u>3150</u>	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates <u>3655</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers <u>3860</u>	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>4850</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	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 <u>5450</u>	T. Todilto	T.
T. Drinkard	T. Bone Springs <u>7460</u>	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. 1 st Bone Spring <u>8728</u>	T. Chinle	T.
T. Penn	T. 2 nd Bone Spring <u>9352</u>	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.....

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