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

Form C-105
Revised June 10, 2003

WELL API NO. 30-015-29265

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

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7. Lease Name or Unit Agreement Name: **Yucca State**

2. Name of Operator: COG Operating LLC

8. Well No.: **01**

3. Address of Operator: 550 W. Texas Ave., Suite 100 Midland, TX 79701

9. Pool name or Wildcat: **Fren; Glorieta, Yeso 26770**

4. Well Location
Unit Letter K : ~~1555~~ 1837 Feet From The South Line and 2310 Feet From The West Line

Section 16 Township 17S Range 31E NMPM Eddy County

10. Date Spudded	11. Date T.D. Reached	12. Date Compl. (Ready to Prod.)	13. Elevations (DF& RKB, RT, GR, etc.)	14. Elev. Casinghead
11/24/96	1/11/11	4/1/11	3810 RKB	

15. Total Depth	16. Plug Back T.D.	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools	Cable Tools
6574	6500			X	

19. Producing Interval(s), of this completion - Top, Bottom, Name: 4930 - 6300 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	307	17-1/2	325	
8-5/8	32	1778	11	775	
5-1/2	17	5425	7-7/8	1050	
4	11.6	6546	5-1/2	140	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8	4902	

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

4810 - 6160	1 SPF, 104 holes	Closed
4930 - 5130	1 SPF, 26 holes	OPEN
5500 - 5700	1 SPF, 24 holes	OPEN
5800 - 6000	1 SPF, 48 holes	OPEN
6100 - 6300	1 SPF, 26 holes	OPEN

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930 – 5130	See attachment
5500 – 5700	See attachment
5800 – 6000	See attachment
6100 – 6300	See attachment

28 **PRODUCTION**

Date First Production	Production Method *(Flowing, gas lift, pumping - Size and type pump)*	Well Status *(Prod. or Shut-in)*
4/3/11	2-1/2 x 1-3/4x 24' pump	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil – Bbl	Gas – MCF	Water – Bbl.	Gas – Oil Ratio
4/4/11	24			31	38	52	1226

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil – Bbl.	Gas – MCF	Water – Bbl.	Oil Gravity – API – *(Corr.)*
						37.3

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

Test Witnessed By: **Kent Greeway**

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 Netha Aaron Printed Name Netha Aaron Title Regulatory Analyst Date 4/6/11

E-mail Address oaaron@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 1659	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T.Queen 2589	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3322	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4818	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 4909	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

Yucca State #1
API#: 30-015-29265
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930 – 5130	Acidize w/3000 gals acid.
	Frac w/107719 gals gel, 109764# 16/30 Ottawa
	sand, 16296# 16/30 SiberProp.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5500 – 5700	Acidize w/3,000 gals acid.
	Frac w/124444 gals gel, 147790# 16/30 Ottawa sand,
	30887# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5800 – 6000	Acidize w/3500 gals acid.
	Frac w/124000 gals gel, 149829# 16/30 Ottawa sand,
	31250# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6100 – 6300	Acidize w/3,500 gals acid.
	Frac w/124097 gals gel, 146341# 16/30 Ottawa sand,
	26889# 16/30 SiberProp