

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. 30-015-37771
		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		7. Lease Name or Unit Agreement Name Hatfield State
2. Name of Operator COG Operating LLC		8. Well No. 010
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9. Pool name or Wildcat <i>KE</i> Empire; Glorieta-Yeso, East 96610
4. Well Location Unit Letter L : 1650 Feet From The South Line and 990 Feet From The West Line Section 8 Township 17S Range 29E NMPM Eddy County		
10. Date Spudded 09/07/10	11. Date T.D. Reached 09/12/10	12. Date Compl. (Ready to Prod.) 10/18/10
13. Elevations (DF& RKB, RT, GR, etc.) 3636 GR		14. Elev. Casinghead
15. Total Depth 5590	16. Plug Back T.D. 5545	17. If Multiple Compl. How Many Zones?
18. Intervals Drilled By		Rotary Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name 3900-5130 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
13 3/8	48	351
8 3/8	24	871
5 1/2	17	5590
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT		SCREEN
SIZE		DEPTH SET
2 7/8		5100
PACKER SET		
26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
Paddock 3900-4100 1 spf, 26 holes		DEPTH INTERVAL
Upper Blinebry 4390-4590 1 spf, 26 holes		AMOUNT AND KIND MATERIAL USED
Middle Blinebry 4660-4860 1 spf, 26 holes		3900-4100 See attachment
Lower Blinebry 4930-5130 1 spf, 26 holes		4390-4590 See attachment
		4660-4860 See attachment
		4930-5130 See attachment
28. PRODUCTION		
Date First Production 10/29/10		Production Method (Flowing, gas lift, pumping - Size and type pump) Weatherford D 640-365-144 pump
Well Status (Prod. or Shut-in) Producing		
Date of Test 10/31/10	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 149	Gas - MCF 103
Water - Bbl 605	Gas - Oil Ratio 691	
Flow Tubing Press. 70	Casing Pressure 70	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr.) 42.0		
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold		Test Witnessed By Kent Greenway
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		
Printed Signature _____ Name <u>Natalie Krueger</u> Title <u>Regulatory Analyst</u> Date <u>11/1/2010</u> E-mail Address <u>nkrueger@conchoresources.com</u>		

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	814 T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	1651 T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	2393 T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	3790 T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	5229 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	3853 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

Hatfield State #10
API#: 30-015-37771
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3900-4100	Acidize w/ 3,000 gals acid.
	Frac w/113,347 gals gel, 112,840# 16/30 White sand, 14,155# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4390-4590	Acidize w/ 2,500 gals acid.
	Frac w/ 124,106 gals gel, 148,284# 16/30 White sand, 30,025# 16/30 Siberprop sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4660-4860	Acidize w/ 2,500 gals acid.
	Frac w/ 123,428 gals gel, 146,575# 16/30 White sand, 29,092# 16/30 Siberprop.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930-5130	Acidize w/ 2,500 gals acid.
	Frac w/ 124,484 gals gel, 146,880# 16/30 White sand, 25,590# 16/30 Siberprop sand.