

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 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. 30-015-37996 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 White Oak State	
2. Name of Operator COG Operating LLC				8. Well No. 014	
3. Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701				9. Pool name or Wildcat <i>Kiz</i> Empire; Glorieta-Yeso 96210	
4. Well Location Unit Letter <u>P</u> <u>990</u> Feet From The <u>South</u> Line and <u>330</u> Feet From The <u>East</u> Line Section <u>23</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County					
10. Date Spudded 5/4/11		11. Date T D Reached 5/13/11		12. Date Compl (Ready to Prod) 6/1/11	
13. Elevations (DF& RKB, RT, GR, etc) 3678 GR		14. Elev Casinghead			
15. Total Depth 5360		16. Plug Back T D 5303		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 3680' - 4920' Yeso				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CN / 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		235	
8 5/8		24		850	
5-1/2		17		5350	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17-1/2		850		850	
11		400		400	
7-7/8		900		900	
24. LINER RECORD					
SIZE		TOP		BOTTOM	
SACKS CEMENT		SCREEN		TUBING RECORD	
2-7/8		4716		PACER-SET	
26. Perforation record (interval, size, and number) 3680' - 3950' 1 SPF, 26 holes OPEN 4180' - 4380' 1 SPF, 26 holes OPEN 4450' - 4650' 1 SPF, 26 holes OPEN 4720' - 4920' 1 SPF, 26 holes OPEN					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3680' - 3950' See attachment 4180' - 4380' See attachment 4450' - 4650' See attachment 4720' - 4920' See attachment					
28. PRODUCTION					
Date First Production 6/16/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2 x 24' pump		Well Status (Prod or Shut-in) Producing	
Date of Test 6/19/11		Hours Tested 24		Choke Size 24	
Flow Tubing Press		Casing Pressure		Calculated 24-Hour Rate	
Oil - Bbl 75		Gas - MCF 180		Water - Bbl 914	
Oil Gravity - API - (Corr) 38.6					
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					
Signature <i>C Jackson</i>		Printed Name Chasity Jackson Title Regulatory Analyst Date 6/23/11			
E-mail Address c.jackson@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 654	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	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 2184	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3590	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5120	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 3670	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

WHITE OAK STATE #14
API#: 30-015-37996
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3680' - 3950'	Acidize w/3000 gals 15% HCL.
	Frac w/99,000 gals gel, 21,094# 16/30 Siberprop.
	107,862# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4180' - 4380'	Acidized w/2500 gals 15% HCL.
	Frac w/112,000 gals gel, 27,735# 16/30 Siberprop
	140,906# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4450' - 4650'	Acidize w/2500 gals 15% HCL.
	Frac w/115,000 gals gel, 30,810# 16/30 Siberprop
	147,908# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4720' - 4920'	Acidized w/2500 gals 15% HCL.
	Frac w/117,000 gals gel, 32,880# 16/30 Siberprop.
	148,420# 16/30 White sand.