

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. 30-015-37995	
				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 _____				7. Lease Name or Unit Agreement Name White Oak State	
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER					
2. Name of Operator COG Operating LLC				8. Well No. 020	
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701				9. Pool name or Wildcat Empire; Glorieta-Yeso 96210	
4. Well Location Unit Letter B : 330 Feet From The North Line and 1650 Feet From The East Line Section 23 Township 17S Range 28E NMPM Eddy County					
10. Date Spudded 12/20/10	11. Date T.D. Reached 12/27/10	12. Date Compl. (Ready to Prod.) 1/19/11	13. Elevations (DF& RKB, RT, GR, etc.) 3637 GR	14. Elev. Casinghead	
15. Total Depth 5284	16. Plug Back T.D. 5210	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 3670' - 5000' 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 PULPED
13 3/8	48	270	17.5	300	
8 5/8	24	853	11	400	
5-1/2	17	5274	7.875	900	
24. LINER RECORD			25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2-7/8
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
3470' - 3930'	1 SPF, 26 holes	OPEN	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
4260' - 4460'	1 SPF, 26 holes	OPEN	3470' - 3930'	See attachment	
4530' - 4730'	1 SPF, 26 holes	OPEN	4260' - 4460'	See attachment	
4800' - 5000'	1 SPF, 26 holes	OPEN	4530' - 4730'	See attachment	
			4800' - 5000'	See attachment	
28. PRODUCTION					
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)		Well Status (Prod. or Shut-in)	
		2-1/2 x 2-1/4 x 24' pump		Producing	
Date of Test 1/29/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 79	Gas - MCF 59
				Water - Bbl. 609	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					Oil Gravity - API - (Corr.) 40.1
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 Netha Aaron		Printed Name Netha Aaron		Title Regulatory Analyst	Date 2/9/11
E-mail Address oaron@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 627	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1440	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2186	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3582	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5068	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 3644	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

WHITE OAK STATE #20
API#: 30-015-37995
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4800' - 5000'	Acidize w/3500 gals 15% HCL.
	Frac w/124,712 gals 15# gel, 145,607#
	16/30 Ottawa w/32,180# 16/30 siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4530' - 4730'	Acidized w/3500 gals 15% HCL.
	Frac w/123,673 gals 15# gel, 146,736#
	16/30 Ottawa w/31,050# 16/30 siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4260' - 4460'	Acidize w/3500 gals 15% HCL.
	Frac w/124,485 gals 15# gel, 147,837#
	16/30 Ottawa w/30,907# 16/30 siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3670' - 3930'	Acidized w/3000 gals 15% HCL.
	Frac w/112,551 gals 15# gel, 124,241#
	16/30 Ottawa w/14,396# 16/30 siberprop.