

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		<b>State of New Mexico</b> <b>Energy, Minerals and Natural Resources</b>  <b>Oil Conservation Division</b> <b>1220 South St. Francis Dr.</b> <b>Santa Fe, NM 87505</b>		<b>Form C-105</b> Revised June 10, 2003  WELL API NO. 30-015-38074  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.	
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
1a Type of Well. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF WELL OVER BACK RESVR. <input type="checkbox"/> OTHER				7 Lease Name or Unit Agreement Name  <div style="text-align: center; font-weight: bold;">White Oak State</div>	
2 Name of Operator  COG Operating LLC				8 Well No  <div style="text-align: center; font-weight: bold;">16</div>	
3 Address of Operator  550 W. Texas Ave., Suite 100 Midland, TX 79701				9 Pool name or Wildcat  <div style="text-align: center;"> <b>Empire; Yeso</b>      <b>96210</b> </div>	
4. Well Location  Unit Letter <b>I</b> <b>2310</b> Feet From The <b>South</b> Line and <b>330</b> Feet From The <b>East</b> Line  Section <b>23</b> Township <b>17S</b> Range <b>28E</b> NMPM <b>Eddy</b> County					
10 Date Spudded 4/18/11		11. Date T.D Reached 4/24/11		12 Date Compl. (Ready to Prod.) 5/23/11	
13 Elevations (DF& RKB, RT, GR, etc.) 3705' GR		14. Elev Casinghead			
15 Total Depth 5375		16 Plug Back T D 5317		17 If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools <div style="text-align: center;">X</div> Cable Tools	
19 Producing Interval(s), of this completion - Top, Bottom, Name 3730 - 4980      Yeso				20 Was Directional Survey Made <div style="text-align: center;">No</div>	
21 Type Electric and Other Logs Run <b>Dual Spaced Neutron Comp Spectral Gamma</b>				22 Was Well Cored <div style="text-align: center;">No</div>	
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	246	17-1/2	300	
8 5/8	24	878	11	400	
5-1/2	17	5364	7-7/8	900	
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
	2-7/8	4887			
26 Perforation record (interval, size, and number)					
3730 - 4000		1 SPF, 26 holes	OPEN		
4240 - 4440		1 SPF, 26 holes	OPEN		
4510 - 4710		1 SPF, 26 holes	OPEN		
4780 - 4980		1 SPF, 26 holes	OPEN		
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL			AMOUNT AND KIND MATERIAL USED		
3730 - 4000			See attachment		
4240 - 4440			See attachment		
4510 - 4710			See attachment		
4780 - 4980			See attachment		
<b>28. PRODUCTION</b>					
Date First Production <b>5/25/11</b>		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 <b>7/7/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl 91	Gas - MCF 125
Flow Tubing Press		Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF
Water - Bbl 759		Oil Gravity - API - (Corr) <div style="text-align: center;">38.6</div>			
29 Disposition of Gas (Sold, used for fuel, vented, etc.) <div style="text-align: center;">Sold</div>					Test Witnessed By <b>Kent Greenway</b>
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>Netha Aaron</i>		Printed Name Netha Aaron Title Regulatory Analyst Date 6/9/11			
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 <u>697</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>1520</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2240</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>3637</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>5168</u>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. <u>Morrow</u>	T. Wingate	T.
T. Wolfcamp	T. <u>Yeso</u> <u>3698</u>	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 #16**  
**API#: 30-015-38074**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3730 - 4000	Acidize w/3553 gals acid.
	Frac w/ 113,290 gals gel, 124,554# 16/30 White
	sand, 12,598# 16/30 Siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4240 - 4440	Acidize w/3718 gals acid.
	Frac w/124,707 gals gel, 146,964# 16/30 White
	sand, 29,723# 16/30 Siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4510 - 4710	Acidize w/3500 gals acid.
	Frac w/125,389 gals gel, 146,584# 16/30 White
	sand, 30,614# 16/30 Siberprop

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4780 - 4980	Acidize w/3592 gals 15% HCL acid.
	Frac w/125,181 gals gel, 149,048# 16/30 White
	sand, 30,906# 16/30 Siberprop