

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <b>District I</b> 1625 N French Dr. Hobbs, NM 88240 <b>District II</b> 1301 W Grand Avenue Artesia, NM 88210 <b>District III</b> 1000 Rio Brazos Rd., Aztec, NM 87410 <b>District IV</b> 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. 30-015-38209  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>  State Oil & Gas Lease No.
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**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

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 <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____  2. Name of Operator COG Operating LLC  3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701  4 Well Location Unit Letter <b>B</b> <b>330</b> Feet From The <b>North</b> Line and <b>2310</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 4/26/11 11 Date T D Reached 5/2/11 12. Date Compl. (Ready to Prod.) 5/27/11 13 Elevations (DF& RKB, RT, GR, etc ) 3619 GR 14 Elev Casinghead  15. Total Depth 5250 16. Plug Back T D 5206 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 4060 - 4830 Yeso 20. Was Directional Survey Made No  21 Type Electric and Other Logs Run <b>Dual Spaced Neutron Spectral Gamma Ray</b> 22. Was Well Cored No	7. Lease Name or Unit Agreement Name <b>White Oak State</b>  8. Well No. <b>023</b> Pool name or Wildcat <b>Empire; Glorieta-Yeso</b> <b>96210</b>
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**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	280	17.5	300	
8 5/8	24	847	11	400	
5-1/2	17	5250	7.875	950	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4717	

26 Perforation record (interval, size, and number) 4060 - 4260 1 SPF, 26 holes OPEN 4330 - 4530 1 SPF, 26 holes OPEN 4630 - 4830 1 SPF, 26 holes OPEN	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4060 - 4260</td> <td>See attachment</td> </tr> <tr> <td>4330 - 4530</td> <td>See attachment</td> </tr> <tr> <td>4630 - 4830</td> <td>See attachment</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	4060 - 4260	See attachment	4330 - 4530	See attachment	4630 - 4830	See attachment
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4060 - 4260	See attachment								
4330 - 4530	See attachment								
4630 - 4830	See attachment								

**28 PRODUCTION**

Date First Production <b>7/17/11</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2 x 24' RHBC pump</b>		Well Status (Prod or Shut-in) <b>Producing</b>	
Date of Test <b>7/18/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>81</b>	Gas - MCF <b>69</b>
Flow Tubing Press. <b>70</b>	Casing Pressure <b>70</b>	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl
			Oil Gravity - API - (Corr.) <b>39.5</b>		

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   
 E-mail Address **oaaron@conchoresources.com**

Printed Name **Netha Aaron** Title **Regulatory Analyst** Date **6/15/11**

# 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 <b>597</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>1418</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2158</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>3553</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <b>5049</b>	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. <b>Yeso</b> <b>3604</b>	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 #23****API#: 30-015-38209****EDDY, NM****C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4060 - 4260	Acidize w/3784 gals 15% HCL.
	Frac w/121,602 gals gel, 137,757# 16/30
	Brady sand w/29,697# 16/30 SiberProp.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4330 - 4530	Acidized w/4012 gals 15% HCL.
	Frac w/125,049 gals gel, 144,544# 16/30
	Brady sand w/31,741# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4630 - 4830	Acidize w/3650 gals 15% HCL.
	Frac w/125,195 gals gel, 143,290# 16/30
	Brady sand w/30,401# 16/30 SiberProp