

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		<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. <div style="text-align: right;">30-015-29495</div>		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
		State Oil & Gas Lease No.		7. Lease Name or Unit Agreement Name  <div style="text-align: center;"><b>Willow State</b></div>	
<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 <input type="checkbox"/>  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 <input type="checkbox"/>				8. Well No.  <div style="text-align: center;"><b>5</b></div>	
2. Name of Operator  <div style="text-align: center;">COG Operating LLC</div>				9. Pool name or Wildcat  <div style="text-align: center;"><b>Fren; Glorieta-Yeso 26770</b></div>	
3. Address of Operator  <div style="text-align: center;">550 W. Texas Ave., Suite 100 Midland, TX 79701</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>16</b> Township <b>17S</b> Range <b>31E</b> NMPM <b>Eddy</b> County	
10. Date Spudded <div style="text-align: center;">5/1/97</div>		11. Date T.D. Reached <div style="text-align: center;">3/29/11</div>		12. Date Compl. (Ready to Prod.) <div style="text-align: center;">4/19/11</div>	
13. Elevations (DF& RKB, RT, GR, etc.) <div style="text-align: center;">3858 GR</div>		14. Elev. Casinghead  		15. Total Depth <div style="text-align: center;">6445</div>	
16. Plug Back T.D. <div style="text-align: center;">6385</div>		17. If Multiple Compl. How Many Zones?  		18. Intervals Drilled By <div style="text-align: center;">X</div>	
19. Producing Interval(s), of this completion - Top, Bottom, Name <div style="text-align: center;">5600 - 6346 Yeso</div>				20. Was Directional Survey Made <div style="text-align: center;">No</div>	
21. Type Electric and Other Logs Run <div style="text-align: center;"><b>CN / HNGS, Micro CFL / HNGS</b></div>				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	343	17-1/2	350	
8-5/8	32	1625	12-1/4	800	
5-1/2	17	5416	7-7/8	1280	
4	11.6	6445	6-1/8	1100	
<b>24. LINER RECORD</b>					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
<b>25. TUBING RECORD</b>					
SIZE	DEPTH SET	PACKER SET			
2-7/8	5270				
<b>26. Perforation record (interval, size, and number)</b>					
5042 - 5254		1 SPF, 30 holes	Closed		
5600 - 5800		1 SPF, 24 holes	OPEN		
5998 - 6037		1 SPF, 41 holes	OPEN		
6190 - 6346		1 SPF, 24 holes	OPEN		
<b>27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.</b>					
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
5600 - 5800		See attachment			
5998 - 6037		See attachment			
6190 - 6346		See attachment			
<b>28. PRODUCTION</b>					
Date First Production <b>5/6/11</b>		Production Method (Flowing, gas lift, pumping - Size and type pump) <b>2-1/2 x 2" x 24' pump</b>			Well Status (Prod. or Shut-in) <b>Producing</b>
Date of Test <b>5/7/11</b>	Hours Tested <b>24</b>	Choke Size	Prod'n For Test Period	Oil - Bbl <b>50</b>	Gas - MCF <b>81</b>
		Water - Bbl. <b>105</b>	Gas - Oil Ratio		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
					Oil Gravity - API - (Corr.) <b>37.0</b>
29. Disposition of Gas (Sold, used for fuel, vented, etc.) <div style="text-align: center;">Sold</div>					Test Witnessed By <div style="text-align: center;"><b>Kent Greeway</b></div>
30. List Attachments  <div style="text-align: center;">Logs, C102, C103, Deviation Report, C104</div>					
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief					
Signature <i>Netha Aaron</i> E-mail Address oaaaron@conchoresources.com		Printed Name <b>Netha Aaron</b> Title <b>Regulatory Analyst</b> Date <b>4/25/11</b>			

# 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>1776</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>2707</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>3422</u>	T. Simpson	T. Gallup	T. Ignacio Oztze
T. Glorieta <u>4957</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>6466</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>5001</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

**Willow State #5**  
**API#: 30-015-29495**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5600 - 5800	Acidize w/ 2,500 gals 15% HCL acid.
	Frac w/117,503 gals gel, 138,164# Ottawa Sand
	20,902# 16/30 SiberProp Sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5998 - 6037	Acidize w/ 5,000 gals 15% HCL acid.
	Frac w/135,101 gals gel, 165,319# Ottawa Sand
	35,858# 16/30 SiberProp sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6190 - 6346	Acidize w/ 2,500 gals 15% HCL acid.
	Frac w/ 108,020 gals gel, 115,499 Ottawa Sand,
	19,043# 16/30 SiberProp sand.