

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. 30-015-37042  5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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<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. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name  <div style="text-align: right;"> <b>Yucca State</b>  <div style="border: 2px solid black; padding: 5px; transform: rotate(-2deg); display: inline-block;"> <b>RECEIVED</b>  <b>10 JUL 9 2010</b>  <b>NMOCD ARTESIA</b>  <b>Fren; Glorieta-Yeso 26770</b> </div> </div>				
2. Name of Operator  COG Operating LLC	8. Well No.				
3. Address of Operator  550 W. Texas Ave., Suite 1300 Midland, TX 79701	9. Pool name or Wildcat  <b>Fren; Glorieta-Yeso 26770</b>				
4. Well Location  Unit Letter <b>F</b> : <b>1650</b> Feet From The <b>North</b> Line and <b>1650</b> Feet From The <b>West</b> Line  Section <b>16</b> Township <b>17S</b> Range <b>31E</b> NMPM <b>Eddy</b> County					
10. Date Spudded 1/3/10	11. Date T.D. Reached 01/14/10	12. Date Compl. (Ready to Prod.) 2/3/10	13. Elevations (DF& RKB, RT, GR, etc.) 3781 GR	14. Elev. Casinghead	
15. Total Depth 6630	16. Plug Back T.D. 6575	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 4930 - 6200 Yeso	
21. Type Electric and Other Logs Run <b>CN / HNGS, Micro CFL / HNGS</b>			20. Was Directional Survey Made No  22. Was Well Cored No		
<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	459	17-1/2	700	
8-5/8	32	1809	11	550	
5-1/2	17	6615	7-7/8	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	5930	
26. Perforation record (interval, size, and number) 4930 - 5070 1 SPF, 21 holes OPEN 5460 - 5660 1 SPF, 26 holes OPEN 5730 - 5930 1 SPF, 26 holes OPEN 6000 - 6200 1 SPF, 26 holes OPEN			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED 4930 - 5070      See attachment 5460 - 5660      See attachment 5730 - 5930      See attachment 6000 - 6200      See attachment		
<b>28. PRODUCTION</b>					
Date First Production 2/27/10		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2 x 2x 24' pump		Well Status (Prod. or Shut-in) Producing	
Date of Test 3/9/10	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 94	Gas - MCF 51
Flow Tubing Press.		Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF
				Water - Bbl.	Oil Gravity - API - (Corr.) 38.0
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By Kent Greeway
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 cjackson@conchoresources.com		Printed Name Chasity Jackson Title Agent for COG Date 7/6/10			

# 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     1654	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen     2574	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres     3287	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta     4822	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb     6327	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     4914	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. 3, from.....to.....

No. 2, 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

**Yucca State #10**  
**API#: 30-015-37042**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4930 - 5070	Acidize w/ 3,000 gals acid.
	Frac w/ 98,082 gals gel, 99,142# 16/30 white sand,
	22,155# 16/30 Super LC Sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5460 - 5660	Acidize w/ 3,500 gals acid.
	Frac w/ 114,094 gals gel, 144,556# 16/30 white sand,
	35,586# 16/30 Siberprop Sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5730 - 5930	Acidize w/ 3,500 gals acid.
	Frac w/ 114,998 gals gel, 146,495# 16/30 white sand,
	33,009# 16/30 Super LC Sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6000 - 6200	Acidize w/ 3,500 gals acid.
	Frac w/ 116,237 gals gel, 147,539# 16/30 white sand,
	30,817# 16/30 Super LC Sand.