

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>	<div style="text-align: right;">Form C-105</div> <div style="text-align: center;"> <b>SEP 30 2009</b>    Revised June 10, 2003         </div>
		WELL API NO. 30-015-37103 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 <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"/>		7 Lease Name or Unit Agreement Name  <div style="text-align: center;"><b>Yucca State</b></div>
2 Name of Operator COG Operating LLC		8. Well No <div style="text-align: center;"><b>012</b></div>
3 Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9 Pool name or Wildcat <div style="text-align: center;"><b>Fren; Glorieta-Yeso 26770</b></div>
4. Well Location Unit Letter <b>F</b> <b>2350</b> Feet From The <b>North</b> Line and <b>2310</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 08/17/09	11 Date T.D. Reached 08/25/09	12 Date Compl. (Ready to Prod.) 09/20/09
13 Elevations (DF& RKB, RT, GR, etc.) 3799 GR		14 Elev. Casinghead
15 Total Depth 6600	16 Plug Back T D 6540	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 5440 - 6180 Yeso		20 Was Directional Survey Made No
21 Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS		22. Was Well Cored No
<b>23. CASING RECORD (Report all strings set in well)</b>		
CASING SIZE	WEIGHT LB./FT	DEPTH SET
13-3/8	48	476
8-5/8	32	1803
5-1/2	17	6600
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
SACKS CEMENT		SCREEN
SIZE		DEPTH SET
		2-7/8 5953
PACKER SET		
26 Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
5440 - 5640 2 SPF, 26 holes OPEN		DEPTH INTERVAL
5710 - 5910 2 SPF, 26 holes OPEN		AMOUNT AND KIND MATERIAL USED
5980 - 6180 2 SPF, 29 holes OPEN		5440 - 5640 See attachment
		5710 - 5910 See attachment
		5980 - 6180 See attachment
<b>28 PRODUCTION</b>		
Date First Production 09/22/09		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 09/22/09	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 67	Gas - MCF 23
Water - Bbl 587	Gas - Oil Ratio	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate
Oil - Bbl	Gas - MCF	Water - Bbl.
Oil Gravity - API - (Corr)		35.4
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 <i>C Jackson</i> E-mail Address cjackson@conchoresources.com		Printed Name Chasity Jackson Title Agent for COG Date 09/24/09

## 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 1672	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 2602	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 3335	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 4844	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 6356	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 4931	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

**Yucca State #12**  
**API#: 30-015-37103**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5440 - 5640	Acidize w/ 2,500 gals acid.
	Frac w/ 117,000 gals gel,
	151,904# 16/30 basf, 31,218# 16/30 slc.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5710 - 5910	Acidize w/ 2,500 gals acid.
	Frac w/ 117,000 gals gel,
	148,469# 16/30 basf, 35,782# 16/30 slc

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5980 - 6180	Acidize w/ 2,500 gals acid.
	Frac w/ 116,000 gals gel,
	147,036# 16/30 basf, 31,416# 16/30 slc.