

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>	<div style="text-align: right;"> <b>Form C-105</b>          Revised June 10, 2003       </div> <div style="text-align: center; font-size: 1.2em; font-weight: bold;">         APR 23 2009       </div> WELL API NO. 30-015-36496 5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> State Oil & Gas Lease No.
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 WELL OVER BACK RESVR. <input type="checkbox"/> OTHER		7. Lease Name or Unit Agreement Name  <div style="text-align: center;">Houma State</div>
2. Name of Operator  COG Operating LLC		8. Well No  <div style="text-align: center;">007</div>
3. Address of Operator  550 W. Texas Ave., Suite 1300 Midland, TX 79701		9. Pool name or Wildcat  Loco Hills; Glorieta Yeso 96718
4. Well Location  Unit Letter <b>F</b> <b>1450</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>30E</b> NMPM <b>Eddy</b> County		
10. Date Spudded 03/08/09	11. Date T D Reached 03/17/09	12. Date Compl. (Ready to Prod.) 04/14/09
13. Elevations (DF& RKB, RT, GR, etc.) 3685 GR		14. Elev. Casinghead
15. Total Depth 6008	16. Plug Back T D 5896	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 4346 - 5720 Yeso		20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS		22. Was Well Cored No
23. CASING RECORD (Report all strings set in well)		
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13 3/8	48	440
8 5/8	24	1350
5 1/2	17	6008
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
		2-7/8
BOTTOM	SACKS CEMENT	DEPTH SET
		5656
26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
4346 - 4658	2 SPF, 29 holes	Open
4980 - 5180	2 SPF, 29 holes	Open
5250 - 5450	2 SPF, 29 holes	Open
5520 - 5720	2 SPF, 48 holes	Open
28. PRODUCTION		5520 - 5720
Date First Production		Well Status (Prod or Shut-in)
04/16/09		Producing
Production Method (Flowing, gas lift, pumping - Size and type pump)		
2-1/2"x2"x20' RHTC Pump		
Date of Test	Hours Tested	Choke Size
4/17/09	24	
Prod'n For Test Period	Oil - Bbl	Gas - MCF
	342	433
Water - Bbl.	Gas - Oil Ratio	
900	790	
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate
70 psi		
Oil - Bbl	Gas - MCF	Water - Bbl
Oil Gravity - API - (Corr)		
38.6		
29. Disposition of Gas (Sold, used for fuel, vented, etc.)		Test Witnessed By
Sold		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		Printed
E-mail Address		Name
kcarrillo@conchoresources.com		Kanicia Carrillo
		Title
		Regulatory Analyst
		Date
		04/21/09



NR

# 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>1200</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>2095</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2805</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>4230</b>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	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>5810</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. 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

**HOUMA STATE # 7**  
**API#: 30-015-36496**  
**EDDY, NM**

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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4346 - 4658	Acidize w/ 3000 gals acid.
	Frac w/100,195 gals gel,
Open	113,500# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4980 - 5180	Acidize w/ 3500 gals acid.
	Frac w/ 113,964 gals gel,
	176,400# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5250 - 5450	Acidize w/ 3500 acid.
	Frac w/ 118,340 gals gel,
	177,400# 16/30 sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5520 - 5720	Acidize w/ 3500 acid.
	Frac w/ 115,307 gals gel,
	175,474# 16/30 sand.