

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;"> <b>JUN - 3 2009</b>      <b>Form C-105</b>            Revised June 10, 2003         </div> <div style="border: 1px solid black; padding: 2px;">           WELL API NO. 30-015-36477         </div> <div style="border: 1px solid black; padding: 2px;">           5. Indicate Type of Lease            STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 2px;">           State Oil &amp; Gas Lease No.         </div>
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<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>	
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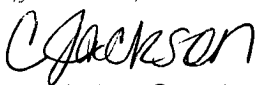

1a Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____  b Type of Completion: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name  <div style="text-align: center;">Houma State</div>
2 Name of Operator  COG Operating LLC	8 Well No  <div style="text-align: center;">008</div>
3 Address of Operator  550 W. Texas Ave., Suite 1300 Midland, TX 79701	9 Pool name or Wildcat  Loco Hills; Glorieta Yeso <span style="float: right;">✓</span> 96718

4. Well Location  Unit Letter <b>F</b> <b>2270</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>30E</b> NMPM <b>Eddy</b> County					
10 Date Spudded 04/21/09	11 Date T.D. Reached 04/29/09	12 Date Compl. (Ready to Prod) 05/20/09	13 Elevations (DF& RKB, RT, GR, etc) 3680 GR	14 Elev Casinghead	
15. Total Depth 6003	16. Plug Back T.D. 5940	17 If Multiple Compl. How Many Zones?	18 Intervals Drilled By	Rotary Tools X	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name 4352 - 5640 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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	440	17 1/2	448 sx	
8 5/8	24	1310	11	500 sx	
5 1/2	17	6003	7-7/8	1000 sx	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	5385	
26 Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.			
4352 - 4616	1 SPF, 29 holes	Open	DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
4900 - 5100	2 SPF, 36 holes	Open	4352 - 4616		See attachment		
5170 - 5370	2 SPF, 36 holes	Open	4900 - 5100		See attachment		
5440 - 5640	2 SPF, 48 holes	Open	5170 - 5370		See attachment		
			5440 - 5640		See attachment		

28 PRODUCTION							
Date First Production 05/25/09		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2"x2"x20'RHTC Pump				Well Status (Prod or Shut-in) Producing	
Date of Test 05/25/09	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 132	Gas - MCF 254	Water - Bbl 521	Gas - Oil Ratio 1924
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.) 38.3	
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 cjackson@conchoresources.com	Printed Name Chasity Jackson Title Agent for COG	Date 05/28/09	

## 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 <b>1179</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>2071</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2778</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>4244</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>5784</b>	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> <b>4327</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 # 8**  
**API#: 30-015-36477**  
**EDDY, NM**

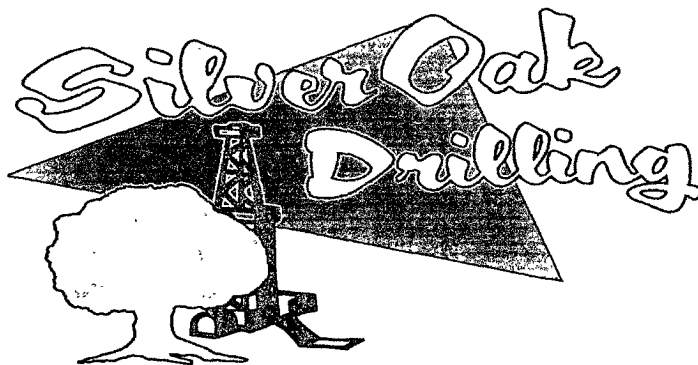
**C-105 (#27) ADDITIONAL INFORMATION**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4352 - 4616	Acidize w/ 2,500 gals acid.
	Frac w/ 116,000 gals gel,
	144,600# 16/30 sand, 33,400# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4900 - 5100	Acidize w/ 2500 gals acid.
	Frac w/ 113,00 gals gel,
	142,800# 16/30 sand, 29,200# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5170 - 5370	Acidize w/ 2500 acid.
	Frac w/ 116,000 gals gel,
	147,100# 16/30 sand, 34,100# CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5440 - 5640	Acidize w/ 3000 acid.
	Frac w/ 104,000 gals gel,
	111,200# 16/30 sand, 24,400# CRC



PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

May 12, 2009

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

RE: Houma State #8  
2270' FNL & 1650' FWL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

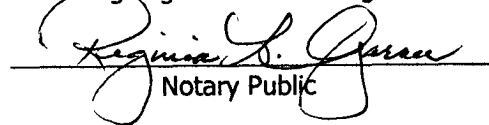
Depth	Deviation	Depth	Deviation
290.00	0.50	3407.00	2.00
677.00	1.00	3630.00	2.00
1270.00	1.00	3855.00	1.50
1561.00	1.00	4171.00	1.25
2100.00	0.75	4460.00	1.50
2644.00	1.00	5000.00	1.50
3154.00	2.50	5543.00	0.75
3281.00	2.00		

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 12<sup>th</sup> day of May, 2009.

  
Notary Public

