

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		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003	
				WELL API NO. 30-015-37506	
				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 _____				7. Lease Name or Unit Agreement Name Firecracker State	
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				8 Well No. 2	
2. Name of Operator COG Operating LLC				9. Pool name or Wildcat Empire; Glorieta-Yeso East 96210	
3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701					
4. Well Location Unit Letter O : 990 Feet From The South Line and 1650 Feet From The East Line Section 14 Township 17S Range 28E NMPM Eddy County					
10. Date Spudded 7/22/11		11 Date T D Reached 7/28/11		12. Date Compl. (Ready to Prod) 8/17/11	
13 Elevations (DF& RKB, RT, GR, etc) 3640' GR		14 Elev Casinghead			
15 Total Depth 5405		16. Plug Back T D. 5358		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 3676 - 4920 Yeso				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run Compensated Neutron Gamma Ray/CCL				22. Was Well Cored No	
23. CASING RECORD (Report all strings set in well)					
CASING SIZE 13-3/8		WEIGHT LB /FT 48		DEPTH SET 254	
8 5/8		24		872	
5 1/2		17		5405	
24. LINER RECORD			25. TUBING RECORD		
SIZE		TOP		BOTTOM	
26 Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
3676 - 3940 1 SPF, 26 holes OPEN			DEPTH INTERVAL		
4080 - 4300 1 SPF, 26 holes OPEN			AMOUNT AND KIND MATERIAL USED		
4390 - 4610 1 SPF, 26 holes OPEN			3676 - 3940 See attachment		
4700 - 4920 1 SPF, 26 holes OPEN			4080 - 4300 See attachment		
			4390 - 4610 See attachment		
			4700 - 4920 See attachment		
28 PRODUCTION					
Date First Production 9/21/11		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2 1/2" x 2" x 26' pump		Well Status (Prod or Shut-in) Producing	
Date of Test 9/21/11		Hours Tested 24		Choke Size	
Prod'n For Test Period		Oil - Bbl 299		Gas - MCF 204	
Water - Bbl 1157		Gas - Oil Ratio 682			
Flow Tubing Press		Casing Pressure		Calculated 24-Hour Rate	
Oil - Bbl.		Gas - MCF		Water - Bbl	
Oil Gravity - API - (Corr) 38.7					
29 Disposition of Gas (Sold, used for fuel, vented, etc.) Sold				Test Witnessed By Kent Greenway	
30 List Attachments Logs, C102, C103, 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		Printed Name Netha Aaron		Title Regulatory Analyst	
oaron@conchoresources.com				Date 10/10/11	

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 634	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2202	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3558	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5070	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> 3668	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

Firecracker State #2
API#: 30-015-37506
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3676 - 3940	Acidized w/3000 gals 15% HCL.
	Frac w/116,330 gals gel, 142,211# 16/30 Brown
	sand, 41,649# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4080 - 4300	Acidized w/3500 gals 15% HCL.
	Frac w/116,033 gals gel, 147,530# 16/30 Brown
	sand, 26,876# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4390 - 4610	Acidized w/3500 gals 15% HCL.
	Frac w/113,381 gals gel, 145,758# 16/30 Brown
	sand, 32,465# 16/30 CRC

27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4700 - 4920	Acidized w/3500 gals 15% HCL.
	Frac w/113,731 gals gel, 145,493# 16/30 Brown
	sand, 33,389# 16/30 CRC