

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. 30-015-38418	
				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					
2 Name of Operator COG Operating LLC				8 Well No 13	
3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701				9. Pool name or Wildcat Empire; Glorieta-Yeso 96210	
4. Well Location Unit Letter <u>J</u> <u>2310</u> Feet From The <u>South</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>14</u> Township <u>17S</u> Range <u>28E</u> NMPM Eddy County					
10 Date Spudded 4/18/11		11. Date T.D. Reached 4/24/11		12. Date Compl (Ready to Prod.) 5/20/11	
				13. Elevations (DF& RKB, RT, GR, etc) 3607' GR	
14. Elev Casinghead					
15. Total Depth 5269		16 Plug Back T D 5218		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 4030 - 4770 Yeso				20 Was Directional Survey Made No	
21 Type Electric and Other Logs Run Platform Express Three Detector Litho-Density Comp Neutron/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		288	
8 5/8		24		875	
5 1/2		17		5265	
24. LINER RECORD					
SIZE		TOP		BOTTOM	
25. TUBING RECORD					
SIZE		TOP		BOTTOM	
26. Perforation record (interval, size, and number)					
4030 - 4230 1 SPF, 26 holes OPEN					
4300 - 4500 1 SPF, 26 holes OPEN					
4570 - 4770 1 SPF, 26 holes OPEN					
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.					
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED					
4030 - 4230 See attachment					
4300 - 4500 See attachment					
4570 - 4770 See attachment					
28 PRODUCTION					
Date First Production 6/19/11		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2 1/2" x 2" x 24' pump			Well Status (Prod. or Shut-in) Producing
Date of Test 6/20/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 42	Gas - MCF 102
				Water - Bbl 155	Gas - Oil Ratio 2429
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 Date 6/9/11			
oaaaron@conchoresources.com					

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 <u>593</u>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <u>1397</u>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <u>2166</u>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <u>3520</u>	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb <u>5023</u>	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> <u>3617</u>	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

Firecracker State #13
API#: 30-015-38418
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4030 - 4230	Acidized w/2500 gals 15% HCL.
	Frac w/117,193 gals gel, 150,118# 16/30 White sand,
	37,443# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4300 - 4500	Acidized w/3500 gals 15% HCL.
	Frac w/116,190 gals gel, 147,142# 16/30 White
	sand, 34,799# 16/30 CRC

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4570 - 4770	Acidized w/3500 gals 15% HCL.
	Frac w/116,575 gals gel, 147,827# 16/30 White
	sand, 34,236# 16/30 CRC