

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. 30-015-37503 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 <input type="checkbox"/> WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____		7 Lease Name or Unit Agreement Name Firecracker State
2 Name of Operator COG Operating LLC		8. Well No. 11
3. Address of Operator 550 W. Texas Ave., Suite 1300 Midland, TX 79701		9. Pool name or Wildcat Empire; Glorieta-Yeso 96210 ✓
4. Well Location Unit Letter <u>I</u> <u>1780</u> Feet From The <u>South</u> Line and <u>815</u> Feet From The <u>East</u> Line Section <u>14</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Q</u> <u>Eddy</u> County		
10 Date Spudded 6/29/10	11 Date T.D. Reached 7/7/10	12 Date Compl (Ready to Prod) 7/30/10
13 Elevations (DF& RKB, RT, GR, etc) 3620 GR		14 Elev. Casinghead
15 Total Depth 5428	16 Plug Back T.D. 5353	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 4270 - 5010 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	290
8.5/8	32	850
5 1/2	17	5418
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	SIZE
	BOTTOM	DEPTH SET
	SACKS CEMENT	PACKER SET
26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
4270 - 5010	1 SPF, 26 holes OPEN	DEPTH INTERVAL
4540 - 4740	1 SPF, 26 holes OPEN	AMOUNT AND KIND MATERIAL USED
4810 - 4470	1 SPF, 26 holes OPEN	4270 - 5010 See attachment
		4540 - 4740 See attachment
		4810 - 4470 See attachment
28. PRODUCTION		
Date First Production 8/30/10	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping using a 2 1/2" x 2-1/4" x 24' pump	Well Status (Prod or Shut-in) Producing
Date of Test 8/30/10	Hours Tested 24	Choke Size
Prod'n For Test Period	Oil - Bbl 27	Gas - MCF 57
Flow Tubing Press	Casing Pressure	Water - Bbl 200
Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF
	Water - Bbl	Oil Gravity - API - (Corr) 37.3
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 Chasity Jackson	Title Agent for COG
Date 9/7/10		

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 620	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1438	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2187	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3570	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5056	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> 3631	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.....

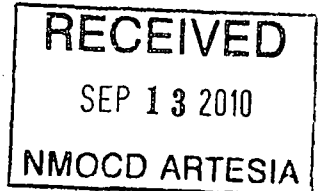
LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

Resubmitted
RECEIVED
 APR 16 2013
NMOCD ARTESIA

Firecracker State #11
API#: 30-015-37503
EDDY, NM



C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4270 - 4470	Acidize w/ 2,500 gals acid.
	Frac w/ 110,488 gals gel, 32,674# 16/30 Super LC
	135,030# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4540 - 4740	Acidize w/ 2,500 gals acid.
	Frac w/ 115,102 gals gel, 34,249# 16/30 Super LC
	144,171# 16/30 Ottawa sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4810 - 5010	Acidize w/ 2,500 gals acid.
	Frac w/ 114,447 gals gel, 32,808# 16/30 Super LC
	146,192# 16/30 Ottawa sand.