

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	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. 30-015-38918 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No.
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a Type of Well OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐ b Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER ☐ 2 Name of Operator COG Operating LLC 3 Address of Operator 550 W. Texas Ave., Suite 100 Midland, TX 79701 4. Well Location Unit Letter <u>P</u> <u>330'</u> Feet From The <u>South</u> Line and <u>330'</u> Feet From The <u>East</u> Line Section <u>14</u> Township <u>17S</u> Range <u>28E</u> NMPM <u>Eddy</u> County 10 Date Spudded <u>3/31/11</u> 11 Date T.D. Reached <u>4/8/11</u> 12 Date Compl (Ready to Prod) <u>5/2/11</u> 13 Elevations (DF& RKB, RT, GR, etc) <u>3684' GR</u> 14 Elev Casinghead 15 Total Depth <u>5325</u> 16 Plug Back T.D. <u>5269</u> 17. If Multiple Compl How Many Zones? 18. Intervals Drilled By <u>X</u> Rotary Tools Cable Tools 19. Producing Interval(s), of this completion - Top, Bottom, Name <u>3760 - 4976</u> Yeso 20 Was Directional Survey Made No 21 Type Electric and Other Logs Run <u>Compensated Neutron</u> 22. Was Well Cored No	7- Lease Name or Unit Agreement Name Firecracker State 8 Well No. <u>8</u> 9 Pool name or Wildcat <u>Ke</u> Empire; Glorieta-Yeso 96210
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RECEIVED
 JUN 20 2011
 NMOCD ARTESIA

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	265	17 1/2	750 sx	
8 5/8	32	867	11	400 sx	
5 1/2	17	5316	7-7/8	1300 sx	

24 LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	4815	

26 Perforation record (interval, size, and number) 3760 - 4000 1 SPF, 26 holes OPEN 4230 - 4430 1 SPF, 26 holes OPEN 4500 - 4700 1 SPF, 26 holes OPEN 4776 - 4976 1 SPF, 26 holes OPEN	27 ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 3760 - 4000 See attachment 4230 - 4430 See attachment 4500 - 4700 See attachment 4776 - 4976 See attachment
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28 PRODUCTION

Date First Production <u>5/25/11</u>		Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Pumping using a 2 1/2" x 2" x 24' pump</u>			Well Status (Prod or Shut-in) <u>Producing</u>		
Date of Test <u>5/25/11</u>	Hours Tested <u>24</u>	Choke Size	Prod'n For Test Period	Oil - Bbl <u>142</u>	Gas - MCF <u>120</u>	Water - Bbl <u>574</u>	Gas - Oil Ratio
Flow Tubing Press	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr) <u>38.7</u>	

29. Disposition of Gas (Sold, used for fuel, vented, etc) <u>Sold</u>	Test Witnessed By <u>Kent Greenway</u>
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30 List Attachments <u>Logs, C102, C103, C104</u>	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
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Signature <u>C. Jackson</u>	Printed Name <u>Chasity Jackson</u>	Title <u>Regulatory Analyst</u>	Date <u>6/16/10</u>
E-mail Address <u>cjackson@conchoresources.com</u>			

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 702	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 1522	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres 2265	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 3659	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinbry	T. Gr. Wash	T. Morrison	T.
T. Tubb 5147	T. Delaware Sand	T. Todiltò	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. Yeso 3727	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

Firecracker State #8
API#: 30-015-38918
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3760 - 4000	Acidize w/ 3,000 gals acid.
	Frac w/101,325 gals gel, 16,009# 16/30 CRC LT,
	108,300# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4230 - 4430	Acidize w/ 3,500 gals acid.
	Frac w/112,688 gals gel, 14,752# 16/30 CRC LT,
	148,849# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500 - 4700	Acidize w/ 3,500 gals acid.
	Frac w/116,624 gals gel, 32,807# 16/30 CRC LT,
	146,187# 16/30 White sand.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4776 - 4976	Acidize w/ 3,500 gals acid.
	Frac w/116,508 gals gel, 39,539# 16/30 CRC LT,
	145,630# 16/30 White sand.