

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>		<b>Form C-105</b> Revised June 10, 2003	
		WELL API NO. 30-015-38263		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
				State Oil & Gas Lease No.	
<b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>					
1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>				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. <input type="checkbox"/> WELL OVER BACK RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>				8. Well No. 6	
2. Name of Operator  COG Operating LLC				9. Pool name or Wildcat  Empire; Glorieta-Yeso	
3. Address of Operator  550 W. Texas Ave., Suite 100 Midland, TX 79701				10. Date Spudded 2/17/11 11. Date T.D. Reached 2/25/11 12. Date Compl. (Ready to Prod.) 3/18/11 13. Elevations (DF& RKB, RT, GR, etc.) 3633 GR 14. Elev. Casinghead	
4. Well Location  Unit Letter O : 330 Feet From The South Line and 1540 Feet From The East Line Section 14 Township 17S Range 28E NMPM Eddy County					
15. Total Depth 5260		16. Plug Back T.D. 5203		17. If Multiple Compl. How Many Zones? Yeso	
19. Producing Interval(s), of this completion - Top, Bottom, Name 3670 - 4840				20. Was Directional Survey Made No	
21. Type Electric and Other Logs Run CN / HNGS, Micro CFL / HNGS				22. Was Well Cored No	
<b>23. CASING RECORD (Report all strings set in well)</b>					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	250	17-1/2	300	
8-5/8	24	876	11	600	
5-1/2	17	5253	7-7/8	1000	
<b>24. LINER RECORD</b>			<b>25. TUBING RECORD</b>		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE
					2 7/8"
26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
3670 - 3930	1 SPF, 26 holes	OPEN	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
4100 - 4300	1 SPF, 26 holes	OPEN	3670 - 3930	See Attachment	
4370 - 4570	1 SPF, 26 holes	OPEN	4100 - 4300	See Attachment	
4640 - 4840	1 SPF, 26 holes	OPEN	4370 - 4570	See Attachment	
			4640 - 4840	See Attachment	
<b>28. PRODUCTION</b>					
Date First Production 4/1/11		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 4/3/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 64	Gas - MCF 85
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl. 244
					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 Netha Aaron		Printed Name Netha Aaron		Title Regulatory Analyst	Date 3/28/11
E-mail Address oaaron@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 <b>630</b>	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen <b>1445</b>	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres <b>2196</b>	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta <b>3575</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>5075</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. <b>Yeso</b> <b>3637</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.....

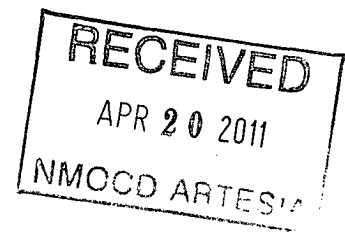
## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

**Firecracker State #6**  
**API#: 30-015-38263**  
**EDDY, NM**



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

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3670 - 3930	Acidize w/4000 gals acid.
	Frac w/102,119 gals gel, 93,712# 16/30 Ottawa sand,
	10,969# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4100 - 4300	Acidize w/3500 gals acid.
	Frac w/124,480 gals gel, 145,996# 16/30 Ottawa
	sand, 28,532# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4370 - 4570	Acidize w/3500 gals acid.
	Frac w/123,574 gals gel, 146,046# 16/30 Ottawa
	sand, 30,294# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4640 - 4840	Acidize w/3500 gals acid.
	Frac w/124,509 gals gel, 147,240# 16/30 Ottawa
	sand, 29,285# 16/30 SiberProp