

Submit To Appropriate District Office Two 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 July 17, 2008											
1. WELL API NO. 30 - 015 - 37505																
2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN																
3. State Oil & Gas Lease No																
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																
4. Reason for filing ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33, attach this and the plat to the C-144 closure report in accordance with 19 15 17 13 K NMAC)					5. Lease Name or Unit Agreement Name Firecracker State											
7. Type of Completion ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER					6. Well Number											
8. Name of Operator COG Operating LLC					9. OGRID 229137											
10. Address of Operator 550 W Texas Ave, Suite 100 Midland, TX 79701					11. Pool name or Wildcat Empire; Glorieta-Yeso, East											
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the										
Surface:	P	14	17S	28E		990										
BH:																
13. Date Spudded 8/15/11	14. Date T D Reached 8/20/11	15. Date Rig Released 8/21/11		16. Date Completed (Ready to Produce) 9/22/11		17. Elevations (DF and RKB, RT, GR, etc) 3640' GR										
18. Total Measured Depth of Well 5399		19. Plug Back Measured Depth 5351		20. Was Directional Survey Made? No		21. Type Electric and Other Logs Run Comp Neutron										
22. Producing Interval(s), of this completion - Top, Bottom, Name 3710 - 5020																
23. CASING RECORD (Report all strings set in well)																
CASING SIZE	WEIGHT LB /FT		DEPTH SET		HOLE SIZE	CEMENTING RECORD										
13-3/8	48		264		17-1/2	400										
8-5/8	24		879		11	400										
5-1/2	17		5399		7-7/8	900										
24. LINER RECORD																
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. TUBING RECORD											
					SIZE	DEPTH SET										
					2-7/8	4939										
26. Perforation record (interval, size, and number) 3710 - 3960 - 1 SPF, 26 holes Open 4130 - 4380 - 1 SPF, 26 holes Open 4450 - 4700 - 1 SPF, 26 holes Open 4770 - 5020 - 1 SPF, 26 holes Open				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>3710 - 3960</td> <td>See Attachment</td> </tr> <tr> <td>4130 - 4380</td> <td>See Attachment</td> </tr> <tr> <td>4450 - 4700</td> <td>See Attachment</td> </tr> <tr> <td>4770 - 5020</td> <td>See Attachment</td> </tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	3710 - 3960	See Attachment	4130 - 4380	See Attachment	4450 - 4700	See Attachment	4770 - 5020	See Attachment
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4770 - 5020	See Attachment															
28. PRODUCTION																
Date First Production 10/15/11		Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 2" x 24' pump			Well Status (Prod or Shut-in) Producing											
Date of Test 10/16/11	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 180	Gas - MCF 216	Water - Bbl 565										
Flow Tubing Press 70	Casing Pressure 70	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr) 40.6										
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					30. Test Witnessed By Kent Greenway											
31. List Attachments Logs, C-102, C-104, Deviation Survey																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit																
33. If an on-site burial was used at the well, report the exact location of the on-site burial																
Latitude		Longitude		NAD 1927 1983												
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																
Signature 		Printed Name Netha Aaron		Title Regulatory Analyst		Date 10/24/11										
E-mail Address oaaron@concho.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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

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 A"
T. Salt 272	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt 622	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates 667	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres 2236	T. Simpson	T. Mancos	T. McCracken
T. Glorieta 3602	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T. Yeso 3710	T. Entrada	
T. Wolfcamp	T. Rustler 180	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

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

Firecracker State 4
API#: 30-015-37505
EDDY, NM

C-105 (#27) ADDITIONAL INFORMATION

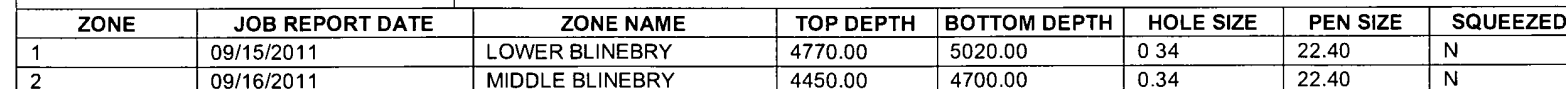
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3710 - 3960	Acidized w/ 3000 gals 15% HCL.
	Frac w/109,499 gals gel, 114,204 16/30 White
	sand, 15,416# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4130 - 4380	Acidized w/ 3500 gals 15% HCL.
	Frac w/124,501 gals gel, 142,670# 16/30 White
	sand, 29,028# 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4450 - 4700	Acidized w/3500 gals 15% HCL.
	Frac w/124,206 gals gel, 139,157# 16/30 White
	sand, 20,068 16/30 SiberProp

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4770 - 5020	Acidized w/3500 gals 15% HCL.
	Frac w/124,416 gals gel, 143,668 16/30 White
	sand, 29,701# 16/30 SiberProp

Report Dates: 09/23/2011



RECEIVED
OCT 28 2011
NM OOD ARTESIA

Well ID: 30-015-37505**Well Name:** FIRECRACKER STATE #4**Event#:** 2.00**Report Dates:** 09/23/2011**PERFORATION**

ZONE	JOB REPORT DATE	ZONE NAME	TOP DEPTH	BOTTOM DEPTH	HOLE SIZE	PEN SIZE	SQUEEZED
3	09/16/2011	UPPER BLINEBRY	4130.00	4380.00	0.34	22.40	N
4	09/16/2011	PADDOCK	3710.00	3960.00	0.34	22.40	N