economic Tions

Form 3160-5

UNITED STATES

rukuvi Arrkuved
OM B No 1004-0137
Expires March 31, 2007

2. Name of Operator COG Operating LLC 3a. Address 550 W. Texas Ave., Suite 1300 Midland, TX 79701 Code Operator Cog Operating LLC 3b. Phone No. (include area code) 432-685-4340 Code Operator Cog Operating LLC 3b. Phone No. (include area code) 432-685-4340 Code Operator Cog Operating LLC 7	DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT					IB No. 1004-0137 res. March 31, 2007	
Type of Well Gas Well Other S Well Name and No.	Do not use ti	nis form for proposals t	o drill or to re-e	enter an `	6 If Indian, Alk	ottee or Tribe Name	
2. Name of Operator COG Operating LLC 3a. Address 3b. Phone No. (include area code) 432-685-4340 4 Location of Well (Footage, Sec., T, R, M, or Survey Description) EDDY COUNTY, NM WELLS 11 County or Parish, State EDDY, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Alter Casing Fracture Treat Reclamation Well Integrity Other Drill with Closed Loop Plug and Abandon Temporarily Abandon Closed Loop	SUBMIT IN TR	IPLICATE- Other instr	uctions on rever	se side.	7 If Unit or CA/	Agreement, Name and/or No	
3b. Phone No. (Include area code) 432-685-4340 3b. Phone No. (Include area code) 432-685-4340 4 Location of Well (Footage, Sec., T, R, M., or Survey Description) EDDY COUNTY, NM WELLS 11 County or Parish, State EDDY, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Alter Casing Fracture Treat Reclamation Well Integrity Alter Casing Repair Casing Repair Change Plans Plug and Abandon Temporarily Abandon Closed Loop	<u> </u>				8 Well Name an	nd No.	
4 Location of Well (Footage, Sec., T, R, M, or Survey Description) EDDY COUNTY, NM WELLS EDDY COUNTY, NM WELLS UN 1 2 2008 II County or Parish, State EDDY, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair Change Plans Plug and Abandon Plug and Abandon Temporarily Abandon To Field and Pool, or Exploratory Area 10 Field and Pool, or Exploratory Area 11 County or Parish, State EDDY, NM 12 County or Parish, State EDDY, NM Well Integrity Production (Start/Resume) Water Shut-Off Other Drill with Closed Loop	2. Name of Operator COG Opera	ting LLC			9. API Well No		
Location of Well (Footage, Sec., T, R, M, or Survey Description) EDDY COUNTY, NM WELLS OCPARTESIA EDDY, NM 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair Change Plans Plug and Abandon Temporarily Abandon Closed Loop	· · · · · · · · · · · · · · · · · · ·			area code)	300 01 10 Field and Poo		
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Casing Repair New Construction Plug and Abandon Temporarily Abandon Closed Loop	4 Location of Well (Footage, Sec., T, R, M., or Survey Description) EDDY COUNTY, NM WELLS				11 County or Parish, State		
Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity Subsequent Report Change Plans Plug and Abandon Temporarily Abandon Closed Loop	12. CHECK A	PPROPRIATE BOX(ES) TO			EPORT, OR OT	HER DATA	
V Notice of Intent Alter Casing Fracture Treat Reclamation Well Integrity Well Integrity Plug and Abandon Plug and Abandon Temporarily Abandon Closed Loop	TYPE OF SUBMISSION		TYF	E OF ACTION			
		Alter Casing Casing Repair	Fracture Treat	Reclamation		Well Integrity Other Drill with	
			¬ ·		andon		

13 Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

> COG Operating LLC respectfully requests permission to drill the attached list of Eddy County wells with a closed loop system.

14 Thereby certify that the foregoing is true and correct Name (Printed/Typed)				
Phyllis Edwards	Title	Regulatory Analyst		
Signature Phyllip Edisonal	Date	06/03/2008		
THIS SPACE FOR FEDERAL	OR	STATE OFFICE USE		
/s/ Don Peterson		Title	Date	JUN 1 2008
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lea which would entitle the applicant to conduct operations thereon.	t or se	Office CARLSBAD F	IELD	OFFICE
Fitte 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to any matter	person within	knowingly and willfully to make to a its jurisdiction	iny departme	ent or agency of the United

(Instructions on page 2)

Closed Loop System	Well List for BLM Sundry		:		
mailed to BLM 6-3-08					•
					Unit
Well Name	County	Lease Number	API#	Location	Sec, Township, Range
Caddo Federal #5	Eddy	NM 2933	3001535980		Sec 17, T17S, R30E, Unit
Electra Federal #18 Electra Federal #20	Eddy	NM 074935	3001535783 3001535895		Sec 15, T17S, R30E, Unit E Sec 10, T17S, R30E, Unit L
	Eddy Eddy	NM 074935 NM 074935	3001535896		Sec 10, T175, R30E, Unit K
Electra Federal #21 Electra Federal #22	Eddy	NM 074935	3001535390		Sec 10, 7175, R30E, Unit F
Electra Federal #23	Eddy	NM 074935	3001535979		Sec 10, T17S, R30E, Unit E
	Eddy	NM 074935	3001536272		Sec 15, 7175, R30E, Unit D
Electra Federal #24 Folk Fed #6	Eddy	NM 0397623	3001536172		Sec 17, T17S, R30E, Unit C
	Eddy	NM 0397623	3001536172		· · · · · · · · · · · · · · · · · · ·
Folk Fed #7 Folk Fed #8	Eddy	NM 0397623	3001536171	990 FNL, 1650 FEL 2310 FNL, 330 FEL	Sec 17, T17S, R29E, Unit B Sec 17, T17S, R29E, Unit H
Folk Fed #9		NM 0397623	3001536169	630 FNL, 330 FWL	Sec 17, T17S, R29E, Unit D
Harvard Federal #11	Eddy	LC 029338B	3001535169		
Harvard Federal #12		LC 029338B	3001535960	330 FNL, 1040 FWL 700 FNL, 700 FEL	Sec 12, T17S, R30E, Unit D Sec 11, T17S, R30E, Unit A
Holder CB Federal #13	Eddy Eddy	LC 056551A	3001535961	330 FSL, 380 FWL	Sec 9, T17S, R30E, Unit M
	Eddy	LC 056551A	3001535964	1650 FSL, 330 FWL	
Holder CB Federal #14 McIntyre DK Federal #15	Eddy	NM 86025	3001535904	330 FSL, 2250 FWL	Sec 9, T17S, R30E, Unit L Sec 17, T17S, R30E, Unit N
McIntyre DK Federal #16	Eddy	NM 86025	3001535476	330 FSL, 2230 FWL	Sec 17, T17S, R30E, Unit M
Polaris B Federal #19	Eddy	LC 029342B	3001535476	1800 FNL, 2310 FWL	Sec 17, T175, R30E, Unit W
RJ Unit #137	Eddy	LC 029342B	3001535350	394 FSL, 1650 FWL	Sec 27, T17S, R39E, Unit N
RJ Unit #141	Eddy	LC 028775B	3001533138	1090 FSL, 1573 FWL	Sec 27, T17S, R29E, Unit N
RJ Unit #142	Eddy	LC 028775B	3001534979	1753 FSL, 2188 FWL	Sec 27, T17S, R29E, Unit K
RJ Unit #143	Eddy	LC 028775B	3001534987	564 FSL, 2630 FWL	Sec 27, T17S, R29E, Unit N
RJ Unit #149	Eddy	LC 028775B	3001534988	1980 FNL, 2553 FWL	Sec 27, T17S, R29E, Unit F
RJ Unit #150	Eddy	LC 028775B	3001535159	1980 FNL, 1425 FEL	Sec 27, T17S, R29E, Unit G
RJ Unit #151	Eddy	LC 028775A	3001535335	845 FSL, 1360 FEL	Sec 27, T17S, R29E, Unit O
RJ Unit #152	Eddy	LC 028775B	3001535338	1310 FNL, 1980 FEL	Sec 35, T17S, R29E, Unit G
RJ Unit #153	Eddy	LC 028775A	3001535319		† · · · · · · · · · · · · · · · · · · ·
	+	NM 100844		660 FNL, 10 FEL	Sec 34, T17S, R29E, Unit A
Rudolph Federal #1	Eddy		3001535426	330 FSL, 1650 FWL	Sec 21, T16S, R28E, Unit N
Rudolph Federal #2	Eddy	NM 100844	3001535421	990 FSL, 1650 FEL	Sec 21, T16S, R28E, Unit O
Rudolph Federal #3	Eddy	NM 100844	3001535422	2310 FSL, 1650 FEL	Sec 21, T16S, R28E, Unit J
Skelly Unit #966	Eddy	LC 029420 (a)	3001535969	1500 FSL, 1310 FWL	Sec 15, T17S, R31E, Unit L
Skelly Unit #968	Eddy	LC 029420 (a)	3001535816	2310 FNL, 1890 FWL	Sec 15, T17S, R31E, Unit F
Skelly Unit #970	Eddy	LC 029420 (a)	3001535817	2310 FSL, 990 FEL	Sec 15, T17S, R31E, Unit I
Skelly Unit #972	Eddy	NM 98122	3001536184	480 FNL, 1450 FWL	Sec 21, T17S, R31E, Unit C
Skelly Unit #973	Eddy	NM 98122	3001536283		Sec 21, T17S, R31E, Unit B
Skelly Unit #978	Eddy	LC 029419 (a)	3001536062	330 FNL, 2310 FEL	Sec 22, T17S, R31E, Unit B
Skelly Unit #980	Eddy	LC 029419 (a)	3001536063	990 FNL, 2310 FWL	Sec 22, T17S, R31E, Unit C
WD McIntyre E #12	Eddy	NM 0467932	3001535021	2110 FNL, 850 FEL	Sec 21, T17S, R30E, Unit H
Woolley Federal #11	Eddy	LC 029342A	3001535472	990 FSL, 1650 FWL	Sec 21, T17S, R30E, Unit N