UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No 1004-0137 Expires July 31, 2010

~ ^ ~	1276	7000	BUREAU	U OF I	LAND	MANAC	EMEN	VΤ					Exp	res July	31, 2010			
00	WELL		LETION C	R RE	ECON	IPLETI	ON R	EPORT	AND L	.OG			ase Serial MLC0294					
la. Type 6	(Well - K	en Well		Well	□ Dr	у п	Other	····			<u> </u>	6. If	Indian, All	ottee or	Tribe Name			
	t completion		New Well		ork Over		eepen	□ Plug	g Back	□ Diff. I	Resvr.	7. Ui	nit or CA A	greeme	ent Name and N	√o.		
2 Name o	f Operator	· · · · · · · · · · · · · · · · · · ·				Contact: K	ANICI	A CADDII	10			0 1	naa Nama	and Wa	II No			
2. Name of Operator Contact: KANICIA CARRILLO COG OPERATING LLC COG OPERATING LLC COG OPERATING LLC COG OPERATION CONTACT: KANICIA CARRILLO CAR											8. Lease Name and Well No GC FEDERAL 8 7 3 0 249							
3. Address	550 WES MIDLAND	ST TEXAS D, TX 79	S AVE STE 701	1300				Phone N : 432-68		e area code	e)	9. A	PI Well No		30-025-3884	/		
4. Location	n of Well (Re	eport locat	ion clearly an	id in ac	cordanc	e with Fe	deral red	quirements	s)*				ield and Po		Exploratory	4450		
At surfa	ace Lot I 2	2437FSL	860FEL 32.	81948	N Lat,	103.7994	19 W L	on 🗸				11. 8	ec., T., R ,	M., or	Block and Surv	vey		
At top prod interval reported below Lot I 2437FSL 860FEL 32.81948 N Lat, 103.79949 W Lon													or Area Sec 19 T17S R32E Mer  12. County or Parish 13. State					
At total	depth Lot	1 2437FS	SL 860FEL 3	32.819	48 N La	at, 103.79	949 W	/ Lon					EA	arisii	13. State NM			
At total depth Lot I 2437FSL 860FEL 32.81948 N Lat, 103.79949 W Lon  14. Date Spudded 06/22/2008												17. E	Elevations ( 39	DF, KE 43 GL	8, RT, GL)*			
18. Total I	Depth:	MD TVD	6815		19. P	lug Back	Г.Д.:	MD TVD	66	98	20. Dep	oth Brid	dge Plug So		MD CVD			
21. Type E	lectric & Otl ENSATED	her Mecha	nical Logs R	un (Sul	omit cor	y of each	)		,		well cored	i?	No No	□ Yes	(Submit analys	sis)		
COMP	ENOVIED	INEUTRU	IN CCL						i		DST run? ctional Su	rvey?	No No	☐ Yes ☐ Yes	(Submit analys (Submit analys	sis)		
23. Casing a	nd Liner Rec	ord (Repo	ort all strings	set in	well)													
Hole Size	Hole Size Size/Grade Wt		Wt. (#/ft)	1	Top Bottom MD) (MD)			Stage Cementer Depth		Sks. & Slurry Cement (BE			l. Cement Top*		Amount Pul	led		
17 500	13	.375 J55	48.0			66	7			700	0			0		185		
	11 000 8.625 J55		<del> </del>		_	2326				950				0		51		
7.875	5	.500 L80	17.0			675	7			130	0			0		159		
				<del>                                     </del>			+											
	1						1											
24. Tubing	·											.,						
Size 2.875	Depth Set (N	MD) P 5803	acker Depth	(MD)	Size	Dep	th Set (	MD) F	acker Dep	oth (MD)	Size	De	pth Set (M)	D) 1	Packer Depth (	MD)		
	ng Intervals	5605				1 26	. Perfor	ration Reco	ord		<u> </u>					<del></del>		
F	ormation		Тор		Botte	om	]	Perforated	Interval		Size	N	lo. Holes	<u> </u>	Perf. Status			
A)	`	YESO		5910		6110			5910 T	O 6110	0.4	10	36	OPEN	1			
B)		YESO		6180		6380			6180 T		0.4			OPEN				
C)		YESO		6450		6650		<del></del>	6450 T	O 6650	0.4	10	48	OPEN	ł			
	racture, Trea	tment, Cer	ment Squeeze	e, Etc								L		<u> </u>				
	Depth Interv	al						A	mount and	Type of N	/laterial							
			110 ACIDIZE			*						· ·						
			380 ACIDIZE															
		+50 10 60	650 ACIDIZE	VV/2,5	UU GAL	S ACID. Fr	CAC VVI		LS GEL,	153,349# 2	U/4U SANL	), 30,00	JU# CRC SA	AND.				
28. Product	ion - Interval	I A													<del> · ·</del>			
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Ga M		Water BBL	Oil Gr Corr		Gas Gravit		Production	on Method					
07/13/2008	07/30/2008	24		116		149 0	351		35 9	G/avik	' н		ELECTR	IC PUM	IPING LINIT			
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oıl BBL	Ga M		Water BBL	Gas O Ratio	il	Well S	tatus	ACC	EPTE	DF	OR REC	<u>OR</u> n		
28a Produc	si ction - Interva	l B				i		L			POW					- OND		
Date First	Test	Hours	Test	Oil	Ga	is T	Water	Oil Gr	avity	Gas		Production	o Method			<del> </del>		
Produced	Date	Tested	Production	BBL	М		BBL	Corr		Gravit			OC	T 16	2008			
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oıl BBL	Ga M0		Water BBL	Gas O Ratio	ıl	Well S	tatus	-	50	18h				
	SI											BU		_	MANAGEM	i Cnt		
(See Instruct ELECTRO	NIC SURMI	ISSĬON #6	ldıtıonal data 63101 VERI	FIED I	RV THE	E RLM W	ELL P	NFORMA	TION SV	STEM			CARLSB	AD FI	FID OFFICE	<u> </u>		
	** (	OPERA	TOR-SUE	<b>SMIT</b>	TED*	* OPER	RATO	R-SUB	MITTE	O ** OPI	ERA <mark>TO</mark>	R-St	BMITT	ED **	017106			

Description   Teal	28b. Proc	duction - Interv	al C										
Chale Size Fing Prod. Fig. Prod.	Date First					Gas	Water	Oil Gravity	Gas		Production Method		
Programme   Prog	Produced	Date	Tested	Production	BBL	MCF	BBL						
Due Free   Test		Flwg							Well	Status			
Date   Tread   Prediction   Date   Tread   Prediction   Date	28c. Proc	duction - Interv	al D		<u> </u>	<u></u>			I			<u> </u>	
Programmary of Porous Zones (Include Aquiers):										rity	Production Method		
SOLD 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top Bottom  Descriptions, Contents, etc.  Name  Top Meas. 1  7 RIVERS  2181  7 RIVERS  2181  GUEEN  3124  GRAYBURG  3496 SAN ANDRES  3847 GLORIETA  5368 GENTAL SAN G		Flwg							Well	Status			
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests including depth interval tested, cushoon used, time tool open, flowing and shut-in pressures and recoveries.  Formation Top Bottom Descriptions, Contents, etc. Name Top Mess. T RIVERS 2161 Contents and the state of the stat			Sold, used	for fuel, ven	ted, etc.)								· · · · · · · · · · · · · · · · · · ·
YATES 7 (RIVERS OLIEEN 3154 OLIEEN 3154 GRAYSBURG 3486 SAN ANDRES 3847 GLORIETA 5368 YESO 5467 TUBB 33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set red/d.) 5 Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #63101 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs Name (please print) KANICIA CARRILLO Title PREPARER  Signature (Electronic Submission) Date 09/16/2008	Show tests,	all important	zones of p	orosity and c	ontents the	reof: Cored	l intervals and	d all drill-stem d shut-in pressu	ires	31. For	mation (Log) Marke	ers	
YATES 7 RIVERS 218 QUEEN 3124 GRAYBURG 3496 SAN ANDRES 3847 GLORIETA 5368 YESO 467 TUBB  32. Additional remarks (include plugging procedure): Logs will be mailed.  33. Circle enclosed attachments: 1. Electrical/Mechanical Logs (1 full set req'd.) 5 Sundry Notice for plugging and ement verification 6. Core Analysis 7 Other:  34 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission #63101 verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs Name (please print) KANICIA CARRILLO Title PREPARER Signature (Electronic Submission) Date 09/16/2008		Formation		Тор	Bottom		Descripti	ons, Contents, e	tc.		Name Top Meas. De		
5 Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34 Thereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #63101 Verified by the BLM Well Information System.  For COG OPERATING LLC, sent to the Hobbs  Name (please print) KANICIA CARRILLO  Title PREPARER  Signature (Electronic Submission)  Date 09/16/2008	QUEEN GRAYBU SAN ANE GLORIET YESO TUBB	IRG DRES FA TA Tional remarks Will be mailed	d.	3124 3496 3847 5368 5467 6944	edure):							•	
Name (please print) KANICIA CARRILLO  Signature (Electronic Submission)  Electronic Submission #63101 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Hobbs  Title PREPARER  Date 09/16/2008													
				Elect	ronic Subn F	ission #63	3101 Verified	l by the BLM V GLLC, sent to	Vell Inform the Hobbs	nation Sys		ed instruction	ons):
	Signature (Electronic Submission)						Date (	09/16/2008	3				
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency	1971-101	1000	1001	T-10-10		1010							

of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.



PO Box 1370 Artesia, NM 88211-1370 (575) 748-1288

July 18, 2008

COG, LLC Fasken Center, Tower II 550 West Texas Ave, Suite 1300 Midland, TX 79701

RE:

GC Federal #8 2437' FSL & 860' FEL Sec. 19, T17S, R32E Lea, New Mexico

30-025-38842

Dear Sir,

The following is the Deviation Survey for the above captioned well.

<u>DEPTH</u>	<b>DEVIATION</b>	<u>DEPTH</u>	<b>DEVIATION</b>
230.00	1.00	3829.00	1.00
505.00	1.00	4297.00	1.25
873.00	1.50	4766.00	1.25
1404.00	0.75	5204.00	1.25
1654.00	1.00	5672.00	1.25
2122.00	1.00	6141.00	1.25
2453.00	1.00	6579.00	1.25
2953.00	1.00	6815.00	1.25
3422.00	1.00		

Very truly yours,

Eddie C. LaRue Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 18th day of June, 2008.

Notary Public

