Form 3160-4 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

JUN 28 2010

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

1a. Type o		Oil Well	Gas New Well		☐ Dry		ther	Plug		Diff.		6. If		05A ottee	or Tribe Name	
Other												7. Unit or CA Agreement Name and No.				
2. Name of COG C	Operator	LLC	/ E	-Mail: k			NICIA CAP resources.o		.0				ease Name BC FEDER			
3. Address	550 W TE MIDLAND			800			3a. Phor Ph: 432			e area cod	e)	9. A	PI Well No		025-39358-00-5	1
4. Location	of Well (Re	port locat	ion clearly ar	id in acc	ordance	with Fed	eral requiren	nents)	* //				Field and P		r Exploratory	4/
At surfa	ice NWNV	V Lot D	760FNL 250	FWL 32	2.82530	N Lat, 1	03.81372 V	V Lon	1			11. 3	Sec., T., R.,	, M., c	Yeso, Wes	ey
	orod interval	-								3.81372 \	N Lon		r Area Se County or F		T17S R32E Mer	NMP
At total  14. Date S		NW Lot	D 760FNL 2		. 32.825 Reached				_on Complet	ed		L	EA	٧	NM KB, RT, GL)*	<u> </u>
03/15/2	2010			/25/201		•				Ready to	Prod.	1,,		34 GI		
18. Total I	Depth:	MD TVD	7010 7010		19. Plu	g Back T	.D.: M		69	)62 )62		th Bri	dge Plug S	et:	MD TVD	<del></del>
	lectric & Oth		inical Logs R	un (Subi	nit copy	of each)					well cored DST run?	!?	No No	□ Y	es (Submit analys	is)
											ctional Su	vey?	No No	B Ÿ	es (Submit analys es (Submit analys	is)
	nd Liner Rec		1	set in w		Bottom	Stage Ceme	enter	No. c	of Sks. &	Slurry	Vol	1			
Hole Size	ole Size Size/Grade		Wt. (#/ft.)	t. (#/ft.) (MD)		(MD)	Depth			of Cement	(BB		Cement Top*		Amount Pull	ed
17.500 11.000		375 H40 625 J55	48.0 32.0	<u> </u>	0 ' 62			_			550 600				0	0
7.875		500 L80	17.0		0 2115					115	<u> </u>				5	0
			_					$\dashv$							<u> </u>	
24. Tubing			·	····				L					l			
Size 2.875	Depth Set (M	ID) P 3365	acker Depth	(MD)	Size	Deptl	n Set (MD)	Pa	cker De	pth (MD)	Size	De	pth Set (M	D)	Packer Depth (N	(ID)
	ng Intervals					26.	Perforation	Recor	d		<u></u>	l		[		
	ormation	T00	Тор		Botton	1	Perforated Interval			70 E 100	Size		No. Holes  14 OPE		Perf. Status	
A) B)	PADD	ESO OCK	5320		5400		5320 TG			O 5400				OPE		
C)	BLINEBRY		5860		6600		<del></del>	6130 TO					26 OPEN			
D) 27 Acid F	7. Acid, Fracture, Treatment, Ce		ment Squeeze					6400 T	) TO 6600 0.000			26	OPE	EN		
	Depth Interva	<del></del>	ment Squeeze	o, Lic.				Am	ount and	d Type of I	Material				-	
			400 ACIDIZE													
<del></del>			400 FRAC W					OTTAV	WA SAN	D, 28,525#	16/30 SUF	PER LO	). 			
	58	60 TO 60	060 FRAC W					VATTC	WA SAN	D, 33,343#	16/30 SUF	PER LO	).		<del></del>	
28. Product	on - Interval	A Hours	Test	0.1	Ić.	1,,	· · · · · · · · · · · · · · · · · · ·	010								
oduced 04/23/2010	Date 04/23/2010	Tested	Production	Oil BBL	Gas MCF	В	BL C	Oil Grav Cori Al	PI	Gas Gravit	у }	Producti	on Method			
`hoke	Tbg. Press	Csg	24 Hr	155.0 Oil	Gas	66.0 W	647.0 /ater (	Gas.O:l	37.4	Well S	0.60 Status	ACI			WR RECO	IRD
ıze	Flwg. 70 Si	Press 70.0	Rate	BBL 155	MCF	166	647	Ratio			POW		/s/ CI	nris	Walls	
	tion - Interva	В								L			JUI	V 2	5 2010	—
ate First roduced	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF			Oıl Grav Corr. AF		Gas Gravit			on Method			
hoke ize	Tbg Press Flwg.	Csg. Press	24 Hr. Rate	Oıl BBL	Gas MCF			Gas Oil Ratio		Well S	itatus	BL	CARLSB	AD F	D MANAGEMEN IELD OFFICE	
See Instruct	ions and space	es for ad	ditional data	on rovo	rse side)									4	PÉTROLEI	TM EN
ELECTRON	NIC SUBMIS	SION #8	aitional aata 87626 VERII <b>/ISED</b> ** I	FIED B	Y THE I	BLM WE ED ** E	ELL INFOR	MAT ISEI	TON SY D ** B	STEM	/ISED *	* BL	M REVI	SED	JUL **	15

28b Production - Interval December   Production   December   Dec	20h Dec	disting Into-												
Production   Date   Trainal   Production   Decision				Teet	Ini	Gos	Water	Od Growty	lc		In a second	<del></del>		
The companies   The companie											Production Method			
Date   Total   Pate   Total   Pate   Total   Pate   Total   Pate   Pat		Flwg							Well	l Status	····			
Date   Tread   Productive	28c. Proc	duction - Interv	al D		<u> </u>	<u> </u>								
Size   Pric   Pric   Pric   Bate   Batt   MCF   BBL   Razio   Price   Batt											Production Method			
SOLD 30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-tem lests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.  Formation  Top  Bottom  Descriptions, Contents, etc.  Name  Top  Moss: D  OLICEN  ANA NORES  1969  SAN ANDRES  1969  SAN BOLOMITE & ANHYDRITE  1979  SAN BOLOMITE & ANHYDRITE  SAN BOLOMITE & SAND  SAN BOLOMITE & ANHYDRITE  SAN BOLOMITE & ANHYDRITE  SAN BOLOMITE & ANHYDRITE  SAN BOLOMITE & ANHYDRITE  SAN BOLOMITE & SAND  BOLOMITE & ANHYDRITE  SAN BOLOMITE & SAND  SAN BOLOMITE & SAN BOLOMIT		Flwg.												
Show all important zones of porosity and contents thereof: Cored intervals and all drill-steen 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 Mass. D. OLIGINITE & SAND SAND SAND SAND SAND SAND SAND SAND			Sold, used	for fuel, veni	ted, etc.)	·!	<u> </u>							
Additional remarks (include plugging procedure): ASNA ANDRES GLORIETTA 5223 YESO TUBB  32. Additional remarks (include plugging procedure): ACID, Fracture, Treatment, Cement Squeeze etc. continued  6130-6330 ACIDIZE W/3,500 GALS 15% ACID. 6130-6330 FACW W/114,209 GALS GEL, 146,061# 20/40 OTTAWA SAND, 36,831# 16/30 SUPER LC. 6400-6600 ACIDIZE W/3,500 GALS 15% ACID. 6400-6600 FRAC W/115,391 GALS GEL, 146,402# 20/40 OTTAWA SAND, 36,529# 16/30 SUPER LC. 33. Circle enclosed attachments:  1. Electrical/Mechanical Logs (1 full set req'd.) 5. Sundry Notice for plugging and cornent verification 6. Core Analysis 7. Other:  34. Thereby certify that the foregoing and attached information is complete and cornect as determined from all available records (see attached instructions):  Electronic Submission #87626 Verified by the BLM Well Information System.  For COG OPERATTING LLC, sent for the Ilobbs: Committed to APMSS for processing by CHERVLE RYAN on 06/10/2010 (IOCMR0193SE)  Name (please print) KANICIA CARRILLO  Title PREPARER  Signature (Electronic Submission)  Date 06/08/2010	Show tests,	all important including dept	zones of p	orosity and c	ontents ther	eof: Cored in tool open,	ntervals and flowing ar	d all drill-stem nd shut-in pressur	es	31. For	mation (Log) M	arkers		
QUEEN 2941 SAND SAND DOLOMITE & ANHYDRITE SAND & DOLOMITE & ANHYDRITE SAND & DOLOMITE & SAND &		Formation		Тор	Bottom		Descripti	ons, Contents, etc	Э.		Name		Top Meas. Depth	
1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey 5. Sundry Notice for plugging and cement verification 6. Core Analysis 7 Other:  34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):  Electronic Submission #87626 Verified by the BLM Well Information System.  For COG OPERATING LLC, sent to the Hobbs  Committed to AFMSS for processing by CHERYLE RYAN on 06/10/2010 (10CMR0193SE)  Name (please print) KANICIA CARRILLO  Title PREPARER  Signature (Electronic Submission)  Date 06/08/2010	QUEEN SAN ANDRES 3694 DOI SAN SAN ANDRES 5223 SAN							ANHYDRITE OMITE ANHYDRITE						
Electronic Submission #87626 Verified by the BLM Well Information System.  For COG OPERATING LLC, sent to the Hobbs  Committed to AFMSS for processing by CHERYLE RYAN on 06/10/2010 (10CMR0193SE)  Name(please print) KANICIA CARRILLO  Title PREPARER  Signature (Electronic Submission)  Date 06/08/2010	1. Ele	ectrical/Mechai	nical Logs	•	• '				•					
			C	Electr Committed to	onic Submi Fo	ission #8762 or COG OP	26 Verified ERATING	I by the BLM W GLLC, sent to tl ERYLE RYAN o	ell Inform he Hobbs n 06/10/20	nation Sys 010 (10CN	tem.	ached instructi	ons):	
Title 1811 S.C. Section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Section 1212, make its origin fragment to the section 1001 and Title 42 11 S.C. Se	Signat	ure (	Electroni	c Submissio	on)		Date <u>0</u>	Date 06/08/2010						
THE TO C.D.C. DOLLOIT TOUT AND THIC TO C.D.C. DECIDIT 1212. Make it a chille for any nervon knowingly and withhilly to make to any denortment or account.	Title 18 U	S.C. Section 1	001 and 7	itle 43 U.S.C	C. Section 1	212. make ii	a crime fo	or any person kno	wingly and	d willfully	to make to any	denartment on	agenov	

11tle 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 of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.