3								Γ	BE	Gestel	V	ED	7					
Form 3160-4 UNITED STATES (August 2007) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT								AUG 2 0 2013 FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010 NMICEBCARTESIAS Lease Serial No. NMIC 028731B										
	WELL	COMPL	ETION O	R REC	OMPL	ETIO	N REPO	RT-	AND-1	BGAF	<u>T</u>	ESIA	5 Le N	ase Seria MLC02				_
la. Type of	f Well 🛛	Oil Well	Gas V	Well [	Dry	Ot	her									or Tribe N	ime	=
b. Type of Completion 🛛 New Well 🗋 Work Over 🗋 Deepen 📄 Plug Back 🗋 Diff. Resvr. 7. Unit or CA Agreement Name and No														and No.				
Other													NMNM111789X					
2. Name of Operator COG OPERATING LLC       Contact: KELLY J HOLLY E-Mail: kholly@concho.com       8. Lease Name and Well No. DODD FEDERAL UNIT 510													0					
3. Address       ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701       3a. Phone No. (include area code) Ph: 432.685.4384       9. API Well No. 30-015-40595-00-S													-00-S1					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 10. Field and Pool, or Exploratory DODD - GLORIETA-UPPER YES														 \				
At surface SWNE 1980FNL 1430FEL 11. Sec., T., R., M., or Block and Survey														d Survey				
At top p	orod interval	reported b	elow SWN	NE 1980F	FNL 143	OFEL							or Area Sec 14 T17S R29E Mer NMF 12. County or Parish 13. State					
At total		NE 1980	FNL 1430F										EDDY NM					
14. Date Sj 03/18/2			03/	nte T.D. R /23/2013				D & 04/13	3/2013	Ready to	o Pr		17. Elevations (DF, KB, RT, GL)* 3627 GL					
18. Total E	Depth:	MD TVD	4559 4559	. 1	19. Plug	Back T.		D VD		199 199		20. Dep	th Brid	ige Plug	Set:	MD TVD		
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)       22. Was well cored?       No       Yes (Submit analysis)         Was DST run?       No       Yes (Submit analysis)         Directional Survey?       No       Yes (Submit analysis)																		
23. Casing a	nd Liner Rec	ord <i>(Repo</i>	ort all strings	set in we	11)					·			_					_
Hole Size Size/Grade W			Wt. (#/ft.)	Top (MD)		nttom AD)	Stage Cem Depth			of Sks. & of Cemer		Slurry (BBI	I (ement ion*		Amo	int Pulled		
17.500	) 13.3	375 H-40	48.0		0	301				2	100				(			
11.000 8.625 J-55		<u>24.0</u> 17.0	1	0 987				500		<u> </u>	<b>_</b>		0					
/.8/5	7.875 5.500 J-55				_0	4549				900					0			
·					-									-				
24. Tubing	Depart				<u>,</u>											·		
Size	Depth Set (N	MD) P	acker Depth	(MD)	Size	Depth	n Set (MD)	Р	acker De	pth (MD	5	Size	De	pth Set (	(MD)	Packer D	epth (ME	)) ))
2.875		4458						Ţ										
	ing Intervals		Top		Dattam	26.	Perforation				r	0	Τ,	1- 11-1-	_			
A) PADDOCK				Top Bottom 4135 43			Perio	rated	Interval 4135 T	FO 4385	┢	Size		<u>lo. Hole</u>		Perf. Status EN, Paddock		
B)																		
<u>C)</u>		·									╞				_			
D) 27. Acid, F	racture, Trea	tment, Cei	nent Squeeze	e, Etc.						_		-	!		Ľ			
	Depth Interv							A	mount an	d Type o	f M	aterial						_
<u> </u>			385 ACIDIZE					BRON		17 150	# 01							
4135 TO 4385 FRAC W/101,900 GALS GEL, 115,972# 16/30 BROWN SAND, 17,150# SIBERPROP																		
		<u> </u>					-						1	ME	]0	-13-	<u>[]</u>	
28. Product	tion - Interval	I A Hours	Test	Oil	Gas		Vater	Oil Gr	avity	Ga	s	<u> </u>	Producti	on Method				
Produced 04/19/2013	Date 04/24/2013	Tested	Production	BBL 50.0	MCF 24		IBL 185.0	Corr. /			Gravity 0.60					JMPING U		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	W	Vater	Gas:Oil Ratio		Welt Status							_	
Size	Flwg. SI	. Press. 70.0	Rate	BBL 50	MCF		IBL 185	Ratio	480		/   Ŗ	ow M	<b>I</b> PT	FD	FOR	REC	'NRI	١
	ction - 'Interv										Ľ				1 01			Ϊ
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Vater BL .	Oil Gr Corr. /						ion Method	<u>9</u> 77 (	1020	·	
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Vater BBL	Gas:O Ratio	i)	We	li St	atus			2	.Vi)		Ţ
(See Instruct ELECTRO	NIC SUBMI	ISSION #:	ditional data 214909 VER VISED **	IFIED B	Y THÉ B	D ** E	ELL INFO	orm⊿ VISE	ATION S ED ** E	SYSTEM BLM R	EV	PUR ISED		OF LA	ND MA Visei	NAGEM	i ENT	

ŝ

qu

Date from         Test	28b. Produ	iction - Interv	al C											
Size       Press       Note       Note       Note         286:       Preduction - Interval D       Note       Note       Note       Note         Steve       Note       Note       Note       Note       Note       Note         280:       Preduction - Interval D       Note       Note       Note       Note       Note         Steve       Note       Note       Note       Note       Note       Note       Note         29:       Departion of Cast/Stock. used for fiel.       Note       Note       Note       Note       Note       Note         30:       Summary of Porous Zones (Include Aquifers):       Stock       Note       Note       Note       Note       Note         30:       Summary of Porous Zones (Include Aquifers):       Stock       Note										ly	Production Method			
Date Head         Test		Flwg.	Csg. Press.						Weil S	Well Status				
Date         Tests         Produces         BEC         NCT         BEL         Car. AP         Carwing           Cher         Tests         Par. Pres. It         24         Disposition of Gas/Gold, used for fiel, vented, etc.)         31         Portation of Gas/Gold, used for fiel, vented, etc.)           23         Disposition of Gas/Gold, used for fiel, vented, etc.)         31         Portation of Gas/Gold, used for fiel, vented, etc.)         31           30         Summary of Porous Zones (Include Aquifers): sets, including dipth intrval tests, clucion dio open, flowing ad shari-in pressures and recoveries.         Name         Top           Portation         Top         Bottom         Descriptions, Contents, etc.         Name         Mess De Queen Name           SALADOR SALADOR         307         983         SALT SALDOR SALT 707         TOP SALT 707 SALT 707         TOP SALT 707 SALT 707         TOP SALT 707           SALADOR VATES         1018         SALADSTONE SOLOMITE SALDOR VATES         1018         SALADSTONE SOLOMITE SALDOR VEESO         20268         POLOMITE SALDOR VEESO         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268         20268	28c. Produ	ction - Interv	al D		L				•					
Size     Fig.     Prise     Num     NEP     BEL     NEP     BEL     BEL     BEL       29. Disposition of Gas(Sold, used, for fuel, vented, erc.)     30.     Summary of Porous Zones (Include Aquifers):     31. Formation (Log) Markers       30. Summary of Porous Zones (Include Aquifers):     and recoveries.     31. Formation (Log) Markers       Show all important zones of porous Xones (Include Aquifers):     31. Formation (Log) Markers       RUSTLER     707     Bast     707       SALDO     707     883     ANHYDRITE     RUSTLER       SALADO     707     883     SALT     707 YATES       SANADSTONE & DOLOMITE     SANDSTONE & DOLOMITE     QUEEN     2038       SANAPCES     1903     SANDSTONE & DOLOMITE     QUEEN     2038       SANAPCES     2938     SANDSTONE & DOLOMITE     QUEEN     2038       SANAPCES     2939     SANDSTONE & DOLOMITE     QUEEN     2038       SANAPCES     2939     SANDSTONE & DOLOMITE     QUEEN     2038       SANAPCES     112     DOLOMITE & ANHYDRITE     VESO     4112       Sand Morea     112     DOLOMITE & ANHYDRITE     0.0000     20000       Sand Morea     112     DOLOMITE & ANHYDRITE     0.00000     1.000000       Sanapprove     112														
SOLD         30. Summary of Parena: Zones (Include Aquifers): Sets, including doth interval: tested, cushion used, time tool open, flowing and shud-in pressures and recoveries.       31. Formation (Log) Markers         Formation       Top       Botom       Descriptions, Contents, etc.       Name       Top         RUST LER       303       SALDED       303       SALDED       303         SALDED       303       B83       SALT       POINTE       SADD VATES       POID PEALT VATES       303         SALDED       393       SAL       SANDSTONE       OUFEN       303         SALADED       393       SAL       SANDSTONE       OUFEN       303         SALADE       303       SALT       VATES       7019       SAL         SOLEN       1993       SANDSTONE & DOLOMITE       SALANDRES       2598       SANANDSTONE & DOLOMITE       SALANDRES       2508         GLORIET A       4034       Top       DOLOMITE & ANHYDRITE       VATES       4034       4034         YESO       4112       DOLOMITE & ANHYDRITE       SANSTONE       4034       4034         YESO       4112       DOLOMITE & ANHYDRITE       3. DST Report       4. Directional Survey         33. Circle enclosed attachments:       1. Cercle and corenet ret		Flwg.							Well S	Weil Status				
30. Summary of Perous Zones (Include Aquifers):       31. Formation (Log) Markers         Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tests(, excluding depth interval tests(, excludi			Sold, usea	for fuel, vent	ed, etc.)								•	
Formation         Top         Bottom         Descriptions, Contents, etc.         Name         Meas. De           RUSTLER SALADO         303 ALADO         303 1707         863         ANHYDRITE SANDSTOME & DOLOMITE SANDSTOME & DOLOMITE SANDSTOME GLORIETA YESO         303 4034           32. Additional remarks (include plugging procedure): Logs will be mailed.         2         Geologic Report         3. DST Report         4. Directional Survey           34. I hereby centify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission)         2. Geologic Report         3. DST Report         4. Directional Survey           34. 1 hereby centify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions): Electronic Submission)         2. Geologic Report         3. DST Report         4. Directional Survey	30. Summ Show a tests, in	ary of Porous all important : ncluding dept	zones of p	orosity and co	ontents there	of: Cored in tool open,	ntervals and all flowing and sh	drill-stem ut-in pressures		31. Foi	mation (Log) Ma	rkers		
SALADO YATES QUEEN       707 1018       883 SALDSTONE SANDSTONE & DOLOMITE SANDSTONE & DOLOMITE SANDSTONE GLORIETA       707 4034         33. Circle enclosed attachments:       1       1         33. Circle enclosed attachments:       2. Geologic Report S. Sundy Notice for plugging and cement verification       2. Geologic Report 6. Core Analysis       3. DST Report 7. Other:       4. Directional Survey 4. Directional Survey         34. 1 hereby certify that the foregoing and attached information is complete and correct as determined from all valiable records (see attached instructions): Electronic Submission #214909 Verified by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING by the BLM Well Information System. For COG PERA TING TECH         Signature       (Electronic Submission)       Date 07/25/2013		Formation		Тор	Bottom		Descriptions	, Contents, etc.		Name				
33. Circle enclosed attachments:         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:       3. DST Report       4. Directional Survey         34. 1 hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):       Electronic Submission #214909 Verified by the BLM Well Information System. For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by JOHNNY DICKERSON on 07/31/2013 (13JLD1030SE)         Name (please print)       KELLY J HOLLY       Title PERMITTING TECH         Signature       (Electronic Submission)       Date 07/25/2013	SALADO         707         883           YATES         1018         903           QUEEN         1903         508           SAN ANDRES         2598         6LORIETA				SAI SAI SAI SAI SAI	SALT SANDSTONE SANDSTONE & DOLOMITE SANDSTONE & DOLOMITE SANDSTONE				TOP SALT YATES QUEEN SAN ANDRES GLORIETA		303 707 1018 1903 2598 4034		
Electronic Submission #214909 Verified by the BLM Well Information System.         For COG OPERATING LLC, sent to the Carlsbad         Committed to AFMSS for processing by JOHNNY DICKERSON on 07/31/2013 (13JLD1030SE)         Name (please print)       KELLY J HOLLY         Signature       (Electronic Submission)         Date       07/25/2013	Logs 33. Circle 1. Ele	will be mailed enclosed atta ctrical/Mecha	d. chments: mical Log	zs (1 full set re	q'd.)		-	-			port	4. Directio	nal Survey	
			(	Electr Committed to	ronic Subm Foi	ission #214 r COG OP	909 Verified b ERATING LL	y the BLM W C, sent to the DICKERSO	ell Inforn Carlsbac N on 07/3	nation Sy 1 1/2013 (1	vstem. 3JLD1030SE)	ched instructio	ons):	
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				=									<b></b>	

ж

\*\* REVISED \*\*

## Revisions to Operator-Submitted EC Data for Well Completion #214909

÷ •

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMLC028731B	NMLC028731B
Agreement:	NMNM111789X	NMNM111789X (NMNM111789X)
Operator:	COG OPERATING LLC ONE CONCHO CENTER 600 W. ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432-685-4834	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	KELLY J HOLLY PERMITTING TECH E-Mail: kholly@concho.com Ph: 432-685-4384	KELLY J HOLLY PERMITTING TECH E-Mail: kholly@concho.com Ph: 432.685.4384
Tech Contact:	KELLY J HOLLY PERMITTING TECH E-Mail: kholly@concho.com Ph: 432-685-4384	KELLY J HOLLY PERMITTING TECH E-Mail: kholly@concho.com Ph: 432.685.4384
Well Name: Number:	DODD FEDERAL UNIT 510	DODD FEDERAL UNIT 510
Location: State: County: S/T/R: Surf Loc:	NM EDDY Sec 14 T17S R29E Mer SWNE 1980FNL 1430FEL	NM EDDY Sec 14 T17S R29E Mer NMP SWNE 1980FNL 1430FEL
Field/Pool:	DODD;GLORIETA UPPER YESO	DODD - GLORIETA-UPPER YESO
Logs Run:	COMPENSATEDBEUT CCL HNGS	COMPENSATEDBEUT
Producing Intervals	- Formations: PADDOCK	PADDOCK
Porous Zones:	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETA YESO	RUSTLER SALADO YATES QUEEN SAN ANDRES GLORIETA YESO
Markers:	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA YESO	RUSTLER TOP SALT YATES QUEEN SAN ANDRES GLORIETA YESO