OCD - Artesia

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137

1. Type of Well	Type of Well Dat Well Dat Well Das Well Dry Other				BUREAU	J OF L	AND	MANAC	EMEN	T					Expi	res: July	y 31, 2010
Depth Plug Black Diff, Resvi. Diff, Diff	Dept. Dept	WELL COMPLETION OR RECOMPLETION REPORT AND LOG										f					
Depth Plug Black Diff, Resvi. Diff, Diff	Dept. Dept	Ia Type of	Well 🖼	Oil Well	Gas V	Vell	n D	ry 🗖 ()ther				+	6 If	Indian All	offee o	r Tribe Name
2. Name of Operator COG OPERATING LLC E-Mail: Rucege@conchoresources.com COG OPERATING LLC E-Mail: Rucege@conchoresources.com COG OPERATING LLC E-Mail: Rucege@conchoresources.com MIDLAND, TX 79701-4287 3. Address: SS 0WEST 11EAS AVENUE SUITE 100 MIDLAND, TX 79701-4287 3. Address: SS 0WEST 11EAS AVENUE SUITE 100 MIDLAND, TX 79701-4287 4. Location of Well (Report location clearly and in a coordance with Federal reagregments). Y At surface SEME Lot H 23 DIFFUNI, SSOPEL At top prod interval reported below At total depth 4. Data Spanded O92/7/2010 15. Date T.D. Reached 10/04/2010 15. Date T.D. Reached 10/04/2010 15. Date T.D. Reached 10/04/2010 16. Complete See S 1175 RSOE Mer NIMP 2. Complete See S 1175 RSOE Mer NIMP 3. Total depth 4. Data Spanded O92/7/2010 17. Elevations OD: RB, RT, GLL)* 3. Date T.D. Reached 10/04/2010 18. Total Depth: MD 5988 20. Depth Bridge Plug Set. Dr. Dr. COMPENSATE DEPART LORGE MER See In well) 19. Plug Back T.D. MD 5988 20. Depth Bridge Plug Set. Dr.	2. Name of Operator COG OPERATING LLC E-Mail: nkrueger@conchoresources.com MIRANDA FEDERAL 18 3. Affaces SS OW BEST ITEXS AVENUE SUITE 100 MIDLAND, TX. 79701-4287 4. Loaminon of Well (Report location clearly and in accordance with Federal equipments) 13. A strong of the Committee of the Committ									□ Plúg	Back 🗖 I	Diff. R	esvr.		, ,		
Address SS WEST TEASS AVENUE SUTE 100 Sa. Phone No. (include area code) 9. APT WILL No. 30-015-38053-00-S1	Address 55 WeST TEXS AVENUE SUTE 10 Size Popth Series Size Criade Wt. (#/ft.) Top Bottom Company Size Depth Series Size Criade Wt. (#/ft.) Top Bottom 17,875 5.500 5.5											_					·
Deciminal Control Co	MIDLAND, TX 79701-4287 Ph: 432-231_0300 30-015-38053-00-81	Name of Operator Contact: NATALIE KRUEGER COG OPERATING LLC E-Mail: nkrueger@conchoresources.com									4						
10/04/2010 10/	10/04/2010 10/		MILL VEID	TV 707	701 4207				I Dh	422 22	1 02000-11	\ \ \	1			30-0	
10/04/2010 10/	10/04/2010 10/	4. Location of Well (Report location clearly and in accordance with Federal requirements). Sec 9 T17S R30E Mer NMP										\setminus				Exploratory	
10/04/2010 10/	10/04/2010 10/	At surface SENE Lot H 2310FNL 330FEL											11. S	ec., T., R., Area Se	M., or c 9 T1	Block and Survey 7S R30E Mer NMP	
10/04/2010 10/	10/04/2010 10/	At total	depth	•	•				\	U	CD ART	No.		12. (E	County or F DDY	arish	
1. Total Depth: TVD	18. Total Depth:							ned		16, Qate D& 11/0:	Completed A Read 3/2010	ly to P	rod.	17. I			
CompensateDneut DualLaterolog	COMPENSATEDNEUT DUALLATEROLOG		•	TVD				_		MD			1	th Bri			TVD
Hole Size Size/Grade Wt. (#/ft.) Top (MD) Bottom (MD) Stage Cementer No. of Sks. & Type of Cement Top* Amount Pulled	Hole Size Size/Grade Wt. (#/ft.) Top (MD) Stage Cementer Depth Type of Cement	CÓMPE	ENSATEDN	EUT DU	ALLATERO	LOG		py of each)		22.	Was I	OST run?	? vey?	No No No	Ħ Yes	s (Submit analysis)
17.500 13.375 14.0 48.0 0 456 450 0 0 10.000	17.500	23. Casing ar	ia Liner Reco	ora (Repo	ort all strings				Ta.		T v acu		1				
11.000	11.000	Hole Size			Wt. (#/ft.)		٠ .		ı -						Cement	Top*	Amount Pulled
24. Tubing Record	7.875 5.500 J-55 17.0 0 6013 1000 0						0										
24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD	24. Tubing Record Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Size Si					L				···		500					
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD	Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	7.875	5.5	00 J-55	17.0		0	601	3		· · · · · · · · · · · · · · · · · · ·	1000				0	
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)					<u> </u>			1				<u> </u>				***
Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	Size Depth Set (MD) Packer Depth (MD) Size Depth Set (MD) Packer Depth (MD) Packer Depth (MD)	24 Tuhing	Record			<u> </u>			1						<u> </u>		,
26. Perforation Record Formation Top Bottom Perforated Interval Size No. Holes Perf. Status	26. Perforation Record Perforation Record Perforation Record			ID) P	acker Depth	(MD)	Siz	e Der	oth Set (1	MD) F	Packer Depth (N	MD)	Size	De	pth Set (M	D)	Packer Depth (MD)
Formation	Formation Top Bottom Perforated Interval Size No. Holes Perf. Status			5774		4297			-								
A) GLORIETA-YESO 4730 5770 5030 TO 5230 26 open, Paddock B) YESO 4730 5770 5030 TO 5230 26 open, Blinebry (upper) C) 5300 TO 5500 26 open, Blinebry (middle) D) 5570 TO 5770 26 open, Blinebry (lower) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity	A) GLORIETA-YESO 4730 5770 5030 TO 5230 26 open, Paddock B) YESO 4730 5770 5030 TO 5230 26 open, Blinebry (upper) C) 5300 TO 5500 26 open, Blinebry (middle D) 5570 TO 5770 26 open, Blinebry (lower) 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval Amount and Type of Material 4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date Hours Test Production BBL MCF BBL Corr. API Gravity	25. Producii	ng Intervals					20	6. Perfor	ation Reco	ord						
B YESO	B YESO				Тор		Bot	tom	F	Perforated			Size	1			
C	C					4720		5770						-			<u> </u>
Depth Interval	Double		Y	ESU		4/30		5//0									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval 4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date Tested Date Tested Production BBL MCF BBL Corr. API Gravity 11/27/2010 11/27/2010 24 Discrete BBL MCF BBL Ratio 17 OUL ILU IUI ILU IUI Choke Tbg. Press Csg. 24 Hr. Rate BBL MCF BBL Ratio Size Flwg. 70 Press Rate BBL MCF BBL Ratio 133 143 398 1075 POW 28a. Production - Interval B	27. Acid, Fracture, Treatment, Cement Squeeze, Etc. Depth Interval	_ <u>-</u>														_	
4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date 11/27/2010 11/27/2010 24 Tested Production BBL Gas Water Gas Oil Gravity Corr. API Gravity ELECTRIC PUMPING UNIT Choke Size Five To Press Rate BBL MCF BBL Ratio Size Five To Press Rate BBL MCF BBL Ratio 133 143 398 1075 POW 28a. Production - Interval B	4455 TO 4730 gal gel, 106872# 16/30 Ottawa sand, 7868# 16/30 siberprop 4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity 11/27/2010 11/27/2010 24 133.0 143.0 398.0 39.0 Froduction Method Choke Tbg. Press. Flwg. 70 Press. Rate BBL MCF BBL Ratio Well Status DEC 1 9 2010		racture, Treat	ment, Cer	ment Squeeze	e, Etc.		I		·	3370 10 37	, <u> </u>		_ـــــــــــــــــــــــــــــــــــــ		Topen	· · · · · · · · · · · · · · · · · · ·
4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Test	4455 TO 4730 gal acid 5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 7		Depth Interva	ıl						A	mount and Typ	e of M	laterial				
5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid	5030 TO 5230 gal gel, 140808# 16/30 Ottawa sand, 29443# 16/30 siberprop 5030 TO 5230 gal acid 28. Production - Interval A Test Date First Produced Test Date Test Dat		44	55 TO 4	730 gal gel,	106872#	16/30	Ottawa sa	nd, 7868	# 16/30 sib	berprop					7744	
Test	5030 TO 5230 gal acid 28. Production - Interval A Date First Produced Date Tested Production BBL MCF BBL Corr. API Gravity 11/27/2010 11/27/2010 24 133.0 143.0 398.0 39.0 Gravity Choke Size Flwg. 70 Press. Rate BBL MCF BBL Ratio Test Oil Gravity Gas Gravity Froduction Method ELECTRIC PUMPING UNIT Dil Gas Water Gas Oil Ratio DEC 19 2010																
28. Production - Interval A Date First Produced Date Test Date Dat	28. Production - Interval A Date First Produced 11/27/2010 11/27/2010 24 Tested Production BBL MCF BBL Gravity Gravity Gas Gravity Choke Size Flwg. 70 Press. Rate BBL MCF BBL Ratio Dil Gas Water Corr. API Gravity Gas Gravity Test Production BBL Gas Water Gas. Oil Ratio Well Status DEC 19 2010					140808#	16/30	Ottawa sa	nd, 2944	3# 16/30 s	siberprop			ŗ			
Date First Produced Date Production Date Date Production Date Date Production Date Date Date Date Date Date Date Date	Date First Produced Date Production Date Date Production Date Date Production Date Date Date Date Date Date Date Date	28. Product			230 gal acid						<u></u>) FOR RECO
11/27/2010	11/27/2010 11/27/2010 24 — 133.0 143.0 398.0 39.0 ELECTRIC PUMPING UNIT Choke Size Tbg. Press. Csg. 24 Hr. Oil Gas Water BBL MCF BBL Ratio Well Status DEC 1 9 2000																
Size Flwg. 70 Press. Rate BBL MCF BBL Ratio 133 143 398 1075 POW 28a. Production - Interval B	Size Flwg. 70 Press. Rate BBL MCF BBL Ratio				Production	1						Gravity	· [ELECTI	RIC PU	MPING UNIT
28a. Production - Interval B	Size ITMS. 70 ITESS. INdie BBE INICI BBE Ratto											Well S	atus	<u> </u>		DFC	19 2000
		Size	-	1	Rate	1	- 1					F	wow		1	1	
Date First Test Hours Test Oil Gas Water Oil Gravity Gas Production Method 11 () - 1 ANT MANNACE AND	28a. Production - Interval B	28a. Produc	tion - Interva	l B	<u> </u>	<u> </u>			L				<u> </u>		- 46	1-11	
	Produced Date Tested Production RRI MCE (RRI Corr AD)												,	Product			
11/27/2010 11/27/2010 24 133.0 143.0 398.0 39.0 0.60 ELECTRIC PUMPING UNIT FICE					- Doduction	•	1		1 .				' I				
Choke Tbg. Press. Csg. 24 Hr. Oil Gas Water Gas:Oil Well Status												Well S	tatus		/		

398

POW

28b. Proc	luction - Inte	erval C		******								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
		1		•				J. J				
hoke ize	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status				
28c. Prod	luction - Inte	rval D		<u> </u>	1							
ate First roduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method			
hoke ize						Water BBL	Gas:Oil Ratio	Well Status	<u> </u>			
29. Dispo		s(Sold, used	l for fuel, ven	ted, etc.)	<u> </u>							
		us Zones (Ir	nclude Aquife	ers).					Formation (Log) Markers			
Show tests,	all importa	nt zones of r	orosity and o	contents ther	eof: Corec ne tool ope	l intervals aren, flowing a	nd all drill-stem nd shut-in pressure	}				
	Formation		Тор	Bottom		Descript	tions, Contents, etc		Name To Meas. I			
YATES QUEEN SAN AND GLORIET YESO			1278 2182 2909 4368 4429		S D S	AND & DO	& ANHYDRITE		YATES QUEEN SAN ANDRES GLORIETA	1278 2182 2909 4368		
		ĺ										
	ű	Ī										
			·									
32. Addi Logs	tional remar will be ser	ks (include j it via mail.	plugging proc	cedure):						· · · · · · · · · · · · · · · · · · ·		
						,						
	e enclosed a		(1.6.11			2 0 1		2 220		D: .: 16		
		_	gs (1 full set r	• ′	1	 Geolog Core A 	=	3. DST 7 Other	•	Directional Survey		
34. I here	eby certify th	at the foreg	_			-			able records (see attached	instructions):		
				Fo	r COG O	PERATING	ed by the BLM W G LLC, sent to the JRT SIMMONS o	e Carlsbad				
Name	e (please pri	nt) NATALI	E KRUEGE		tor proce	soing by K	i	PREPARER	i initiou tuose)			
Signa	ature	(Electro	nic Submiss	sion)			Date 1	2/11/2010				

Additional data for transaction #98906 that would not fit on the form

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
5300 TO 5500	gal acid
5300 TO 5500	gal gel, 153073# 16/30 Ottawa sand, 27540# 16/30 siberprop
5570 TO 5770	gal gel, 145562# 16/30 Ottawa sand, 35887# 16/30 siberprop
5570 TO 5770	gal acid