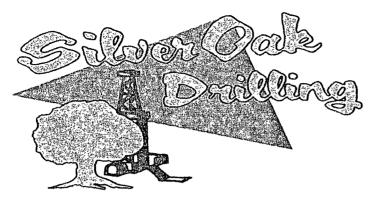
## OCD-ARTESIA

Form 3160- (April 200	4)			DEPARTM BUREAU O	TED STATE ENT OF THE F LAND MA	E INTE Nage	EMENT	ο <del>π</del> ΛΝΙ	D 1 OC				OMBNO Expires Ma	PPROVED 1004-0137 arch 31, 2007	
WELL COMPLETION OR RECOMPLETION REPORT AND I								D LOG			5 Lease Senal No NM-2933				
la Type of Well Oil Well Gas Well Dry Other 6 If Indian, Allottee or Tribe Name										-					
b Type of Completion New Well Work Over Deeper Other  Name of Operator COG Operating LLC								eepen Plug Back Diff Resvr,				7 Unit or CA Agreement Name and No			
2 Name	of Operator	cog	Operat	ing LLC									e Name and Ido Federa		-
3 Addres	SS 550 W.	Texas,	Suite 1	300, Midland	, TX 79701		1	ne No 2-685-	(include a	irea cod	le)		Well No 015-35245		-
1 Location	on of Well	(Report l	ocation (	learly and in ac	ccordance with F	Sederal 1			4340		1			r Exploratory	
	C			•		eacrar ,	•	_	022	700°		Loc	o Hills; Gl	orieta Yeso 96718	
At surface 330' FNL & 2310' FEL, Unit B  At top prod interval reported below							AUG 02 2007 OCD-ARTESIA					1 Sec, Surv	T, R., M, o	on Block and Sec 17, T17S, R30E	•
4	1 1	•											nty or Parish	1	-
4 Date S	l depth nudded		115	Date T D Reac	hed	Т	16 Date C	omplete	d 05/0	2/2007	-	Eddy 7 Elev		NM RKB, RT, GL)*	
	7/2007			04/09/2007	anou.			٠.	✓ Read			, Eici	3677' GL		_
8. Total l	Depth M	D 6030	)'	19 I	Plug Back T D	MD (	5013'		20. De	pth Brid	dge Plug S	et M	D		
	TV	٧D				TVD						TV	D .		
l Type I	Electric &	Other M	echanic	al Logs Run (Si	ubmit copy of ea	ch)				as well o		No [	Yes (Sub	omit analysis)	-
CN/	HNGS, M	icro CF	L/HNO	GS					i	as DST rectiona	run? 🛂 ıl Survey?	]No [ √]No		mit report) Submit copy)	
3. Casın	g and Line	r Recor	d (Repo	ort all strings :	set in well)				I	. 55ttO114	Justoy:	۱ <del>۱</del> ۰۰۰			
Hole Size	Sıze/Gra	de Wi	t (#/ft )	Top (MD)	Bottom (MD)		Cementer		of Sks &	Sh	urry Vol (BBL)	Ceme	nt Top*	Amount Pulled	-
7-1/2	13-3/8	48	 		427	<u> </u>	Depth Type of Cement (		(DDL)	Surface			-		
2-1/4	8-5/8	24			1333		800 sx Cl C			Surface			-		
7-7/8	5-1/2	17			6023			1560	sx Cl C				Surface		
										-			· · · · · · · · · · · · · · · · · · ·		-
<del></del> .	<del> </del>									+-					-
4. Tubing	g Record			1				l				l		I	-
Size	<del>                                     </del>	Set (MD	) Packe	er Depth (MD)	Size	Depth	Set (MD)	Packer	Depth (M	(D)	Size	Dept	th Set (MD)	Packer Depth (MD)	
2-7/8	5730 ang Interva	le .	<u> </u>		<del></del>	26.	Perforation	Decord	1					<u> </u>	
J. Houd	Formation			Тор	Bottom		Perforated		<u>.                                      </u>	Size	No	Holes	T	Perf Status	•
) Yeso						4861	' - 5172'		2	2 SPF	74		Open		-
Yeso						+	- 5381'			2 SPF	46		Open		
Yeso						5520	- 5702'			2 SPF	46		Open		-
<u> </u>	Fracture, Tr	eatment,	Cement S	Squeeze, etc		1			L				<del></del>		-
	Depth Interv						A	mount a	and Type o	of Mater	nal				
4861'	- 5172'				als acid. Frac v					<u> </u>	·				-
5278' 5520'	- 5381' - 5702'				als acid. Frac w als acid. Frac w										-
				5			<i>-</i>								-
8 Produ Date First	ction - Inter	rval A Hours	Test	Oil	Gas W	ater	Oil Grav	utv	Gas		Production	Methed			-
Produced	Date	Tested	Produc	ction BBL	MCF B	BL	Corr A	PΪ	Grav	ity					
5/07/2007 Choke	05/09/2007 Tbg Press	Csg	24 Hr	Oil		60 ater	41.0 Gas/Oil		Well 3	Statue	Pumping				-
Size	Flwg SI	Press	Rate	BBL		BL	Ratio		7611	, , ,	Producii	g \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	^/	TED FOR	DECC
	uction - Inte		1		100000000000000000000000000000000000000							TAI	JULL	ICUFUR	RECO
Date First Produced	Test Date	Hours Tested	Test Product	Oil BBL	Gas MCF BI	ater 3L	Oil Grav Corr Al	rity P	Gas Gravity	′	Production	Method			
Choke Size	Tbg Press Flwg	Csg Press	24 Hr Rate	Oil BBL	Gas W MCF BI	ater 3L	Gas/Oil Ratio		Well S	tatus	1	$\top$		JUL 2 9 200	07
*(Sp0 inc	SI tructions an	nd spaces	for add	itional data on j	nage 2)									///	
(200 1113	nonoris ur	spaces	. joi uuu	on uniu on j	, ,								1	Cm	
					. +							1/	JAR¶AU& CAR∕	I OF LAND MAN LSBAD FIELD O	AGEMEN' FEICE
												<del></del>	/		100

28b Production - Interval C Date First Test Hours Produced Date Flested Production BBL MCF BBL Corr APT Gravity Production Method Date Flested Production BBL MCF BBL Corr APT Gravity Production - Interval D Date First Test Flows Siz Flested Production BBL MCF BBL Ratio Date First Test Flows Flest Flows Flest Production BBL MCF BBL Ratio Date First Test Flows Flest Flows Flest Production BBL MCF BBL Ratio Date First Test Flows Flest Flows Flest Flows BBL MCF BBL Ratio Date First Test Flows Flest Flows Flows BBL MCF BBL Ratio Date Flest Corr APT Gravity Date									1			<del></del>
Production   Tested   Tested   Production   Tested   Tested   Production   Tested   T			Test	Orl	Gos	Water	Oil Gravity	Gas	Production Method		, , , , , , , , , , , , , , , , , , ,	<del></del> ,
Size   Flow   Press   Rate   BBL   MCF   BBL   Rate			Production	BBL	MCF	BBL	Corr API		i i		233	•
28c   Production   Interval D   Date   First   Test   Hours   Test   Producted   Date   Test   Test   Producted   Date   Test   Test   Producton   BBL   MCF   BBL   Corr API   Gas   Gravity   Gravity   Gravity   Gravity   Production   Method   Production   Production   Method   Method   Production   Method   Production   Method   Production   Method   Method   Method   Production   Method   Method   Production   Method   Method   Production   Method   Method   Method   Method   Production   Method   Method   Production   Method   Method   Production   Method   Production   Method   Pro	Size Flwg							Well Status			1.	
Due First Test Hour Date Tested Production BBL MCF BBL Corr APT Gas Gravity  Choke Size Fig Press Fig Pre		Intonual D	<u>→</u>									
Produced   Date   Tested   Production   BBL   MCF   BBL   Corr API   Gavity			Test	Oil	Gas	Water	Oil Gravity	Gas	Production Method			
Size Five St St Six MCF BBL MCF BBL Ratio  29 Disposition of Cas (Sold, used for fuel, vented, etc.)  SOLD  SOLD  SOLD  Sold unportant 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 Depth  Yates 1201  7 Rivers 1491  Queen 2100  Grayburg 2505  San Andres 2809  Glorieta 4243  Yeso 4322	Produced Date	e Tested	Production		MCF	BBL	Corr API				,	
SOLD  Surmary 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 Depth  Yates 1201  7 Rivers 1491 Queen 2100  Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322	Size Flwg			Oıl BBL		Water BBL		Well Status				
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 Depth  Yates 1201  7 Rivers 1491 Queen 2100  Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322	-	on of Gas (Sold,	used for fuel	, vented, e	tc)							
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 Depth  Yates 1201 7 Rivers 1491 Queen 2100 Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322		of Porous Zone	c (Include Ac	mnfore)				21 Farmer	tion (Log) Markers			
Formation 10p Bottom Descriptions, Contents, etc. Name Meas Depth  Yates 1201  7 Rivers 1491  Queen 2100  Grayburg 2505  San Andres 2809  Glorieta 4243  Yeso 4322	Show all 1 tests, inclu	important zone: iding depth inte	s of porosity	and conte	nts thereof d, tume tool o	Cored intervopen, flowing	als and all drill-ste and shut-in pressur	em	non (1.0g) warkers			
Yates 1201 7 Rivers 1491 Queen 2100 Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322	Formation Top Bottom Descriptions, Contents, etc.								Name			oth
7 Rivers 1491 Queen 2100 Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322							· · · · · · · · · · · · · · · · · · ·		<u></u>			
Queen 2100 Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322	Yates	1201										
Grayburg 2505 San Andres 2809 Glorieta 4243 Yeso 4322	7 Rivers	1491										
San Andres 2809  Glorieta 4243  Yeso 4322	Queen	2100										
Glorieta 4243 Yeso 4322	Grayburg	2505									and.	
Yeso 4243 Yeso 4322	San Andres	2809									- 70 Å	
Yeso 4322	Glorieta	4243									the re-	1,
4322 A 32										ا مد معر		
F. 30	eso	4322								1 2		
36										ر ایسی اید معنی	حليب	*.,
6										-	لِب نِ	Ç
32 Additional remarks (include plugging procedure)										فكمس		ì
32 Additional temarks (include plugging procedure)	22 Additional	l somo-leo (alu	do alua									
	32 Additional	l remarks (ınclu	de plugging p	procedure)								
33 Indicate which itmes have been attached by placing a check in the appropriate boxes	33 Indicate wi	hich itmes have	been attache	d by place	ng a check u	the appropri	ate hoxes					
☐ Electrical/Mechanical Logs (1 full set req'd) ☐ Geologic Report ☐ DST Report ☐ Directional Survey					_			ort Directio	nal Survey			
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other												
Hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*	34 I hereby ce	ertify that the fo	regoing and a	attached in	formation is	complete and	correct as determin	ned from all avail	able records (see attach	ned instruction	ons)*	
Name (please print) Phyllis A. Edwards Title Regulatory Analyst	Name (plea.	ise print)	Phyllis A. E	dwards			Title Reg	ulatory Analys	it			
	(	. " —	······································		2 60	7	_ \ _					
Signature Myllis Ordinard 2 Date 05/21/2007	Signature	-Th	yll	<u>-,</u> (	leth	vara	Date 05/2	1/2007				
. ,		. —	1									



PO Box 1370 Artesia, NM 88211-1370 (505) 748-1288

April 11, 2007

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

RE:

Caddo Federal #2 990' FNL & 990' FEL Sec. 17, T17S, R30E Eddy County, New Mexico

Dear Sir,

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

DEPTH	DEVIATION	<u>DEPTH</u>	<b>DEVIATION</b>
247'	1/2°	2759'	1 1/4°
390'	3/4°	2949'	1°
613'	3/4°	3498'	1 1/4°
915'	1 1/4°	3775'	1°
1231'	2°	4283'	1°
1327'	1 3/4°	4736'	1°
1640'	1 1/2°	5196′	1 1/2°
1965'	1 1/2°	<b>5586'</b>	1 1/2°
2251'	3/40	6030'	1/2°

Very truly yours,

Eddie C. LaRue Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 11<sup>th</sup> day of April, 2007.

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires Aug. 30, 300 8