Form 3160-4 (February 2005)

*(See instructions and spaces for additional data on page 2)

UNITED STATES DEPARTMENT OF THE INTERIOR AUG 13 2002

Amended

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

5. Lease Serial No.

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT HORISOCO WELL COMPLETION OR RECOMPLETION REPORT AND LOCAL

											LC.	-059-1	52(B)		
la. Type of Well Oil Well Gas Well Dry Other b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr.,									6. I	6. If Indian, Allottee or Tribe Name					
											7. T	7. Unit or CA Agreement Name and No.			
2. Name of Operator CML EXPLORATION, LLC												8. Lease Name and Well No. COOPER 24 FEDERAL NO. 2			
3. Address P O BOX 890 SNYDER, TX 79550 325-573-1938											9. AFI Well No. 30-025-38348				
4. Location of Well (Report location clearly and in accordance with Federal requirements)* 1650' FSL & 810' FEL, I, 24, T17S, R32E /											10	10 Field and Pool or Exploratory SWD, PADDOCK 96190			
At surface At surface												11. Sec., T., R., M., on Block and Survey or Area 24, 17S, 32E			
At top prod interval reported below											1	2. County or Parish 13. State			
At total depth											EA		NM /		
14. Date Sp 03/25/200				Date T.D. Rea 25/2007	iched	ed 16. Date Completed 06/04/2009 D & A Ready to Prod.					17. Elevations (DF, RKB, RT, GL)* 4075' G.L.				
18. Total D	epth: MI	13,			Plug Back T.I				. Depth B			MD (
21. Type E	TV llectric & Ot		hanical Log	s Run (Submi	t copy of each)	TVD		22.	. Was wel	l cored?		TVD	Yes (Submit	analysis)	
									Was DS Directio	T run? nal Survey	1		Yes (Submit Yes (Submit		
	T			strings set in		(MD) St	age Cementer	No. of	Sks. &	Slurry	Vol				
Hole Size	Size/Gi		Wt (#/ft)	Top (MD	<i>'</i>	(MD)	Depth	Type of	Cement	(BB		 	nent Top*	Amount Pulled	
17-1/2"	13-3/8"		48#	0	435'			500 "C		120 920	· · · · · · · · · · · · · · · · · · ·	 	FACE	0 '	
12-1/4" 8-3/4"	9-5/8" . 7" P110				4830' 13,812'	60	958'	1600 "H	2500 "C"		SURI 850		+ -	0	
0-3/4	7 7110	<u>'</u>	29#	0	13,612	08	900	1000 11		500		65	6	<u> </u>	
24. Tubing		l.										l			
Size Depth Set (MD) Packer Depth (MD) 2-7/8" 5780' 5788'					Size	Size Depth Set (MD) Packer Depth (M			oth (MD)	Size Depth Set (MD) Packer I			Packer Depth (MD)		
25 Produci						26.	Perforation				'		,		
A) PADD	Formatio	n		Top 5823'		Bottom 6077'		Perforated Interval		0.31		No. Holes 118 OPEN		Perf. Status	
B)	OCK				0077	6077		5823' - 6077'		0.31 118			UPEN		
C)															
D)															
27. Acid, F			Cement Sq	ueeze, etc		<u> </u>								· · · · · · · · · · · · · · · · · · ·	
5823' - 60	Depth Inter	val	60	000 CALS 20	0% HCL ACII	<u> </u>		Amount and	Type of M	faterial .					
3023 - 00) ()		00	100 GALS 2	U% HOL ACII	<i></i>									
									· · · · · · · · · · · · · · · · · · ·						
28. Product	,		——————————————————————————————————————	15.9		liv.	10.1.0	****	la						
Date First Produced	Test Date	Hours Tested	Test Produc	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas Gravity	Prodi	action M ECTIO	77 U.U.	FPTFD	FOR RECOR	
6/4/2009													LI ILD		
			24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratıo	I .		Well Status ACTIVE			AUG /s/ Chi	1 1 2009 ris Walls	
28a. Produc	tion - Interv	/al B							<u></u>						
Date First Produced	Test Date	Hours Tested	Test Produc	Oil etion BBL	Gas MCF	Water BBL	Oıl Grav Corr Al	- 1	Gas Gravity	Produ	iction M	etho 	REAU OF LA CARLSBAI	AND MANAGEMENT OFFICE	
Sıze	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oıl Ratio		Well Statu	s					
	01	1													

	uction - Inte		hr	10.1	- IC	hv	lo:1.Ci+	IC	Duadwatian Mathad					
Produced 6/4/2009	Test Date	Hours Tested	Test Production	Oıl BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method INJECTION					
Choke Size	Tbg. Press. Flwg. SI	. Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status						
	uction - Inte			\- · · · · · · · · · · · · · · · · ·										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	Well Status					
29. Dispo	sition of Ga	s (Solid, us	sed for fuel, ve	ented, etc)										
30. Sumn	nary of Poro	us Zones	(Include Aqui	ifers):	31. Format	31. Formation (Log) Markers								
Show a includi	ng depth int	zones of j erval teste	porosity and c	ontents the	ereof: Cored ol open, flow	intervals and all ing and shut-in p	drill-stem tests, ressures and							
For	nation	Top	Bottom		Des	criptions, Conten	nts etc		Name					
ron	nation	Top	Bottom		Desi	criptions, conten	113, 616.		Name	Meas. Depth				
			plugging prod											
40 SX	C"C" CEM	ENT -	8150' - 8350 6900' - 7150 "C" CEMEN	0,	P.									
									•	,				
33. Indica	te which itei	ns have be	een attached by	y placing a	check in the	appropriate box	es·							
☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey														
Sund	dry Notice fo	r plugging	and cement ver	rification		Core Analysis	Other	the second						
					nation is com	plete and correct	t as determined fro	m all available r	ecords (see attached instructions)*					
Na	Name (please print) Nolar von Roeder Title Area Engineer													
Si	gnature	146	va.	The			Date 06/15/200)9						
Title 18 U. false, fictiti	S.C. Section	1001 and	Title 43 U S.	C. Section esentation	1212, make i s as to any ma	t a crime for any	person knowingly	and willfully to	make to any department or agency	y of the United States any				

(Continued on page 3) (Form 3160-4, page 2)