OCD-ARTESIA

Form 3160-4 (April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMBNO. 1004-0137 Expires: March 31, 2007

BUREAU OF LAND MANAGEMENT												Expires: March 31, 2007							
WELL COMPLETION OR RECOMPLETION REPORT AND LOG												5.		Serial No. 47633B					
la. Type	of Well	Toily	Well [	Gas	Well [	Dry 🗸	Other								6.	If Indi	an, Allottee	or Tribe N	ame
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resvr,.												L							
Other SWD													7	Unit o	r CA Agree	ement Name	and No.		
2. Name	2. Name of Operator ENDURANCE RESOURCES LLC													8.		Name and ETY NIN	Well No. E SWD #1		
3. Address PO BOX 1466 ARTESIA, NM 88211 3a. Phone No. (include area code) 575-308-0722													9.		ell No. 1 <b>5-27677</b>				
4. Location of Well (Report location clearly and in accordance with Federal requirements)*													10.		and Pool, or	Explorator SWD	y		
At sur	1	980' FN												T	11.	Sec., 7	C., R., M., o	n Block and	
	prod. inter		ted belov	V SAI	ME									F	12.	Count	y or Parish	13. Sta	
		SAME	1													EDDY		NI	
14. Date (	ipudded / 2010	enter	15.		.D. Reach 8/2010	ned		16.	Date C		id 10 √Re	0/22/2 ady to	010 Prod	ENST		Elevat 3568 (		RKB, RT, G	L)* 
l&. Total	•	ID VD			19. P	lug Back T.D.			0'					e Plug S	Set:	MD TVI		9300'	
					<u> </u>		TV				ļ								··········
21. Type	Electric &	Other M	echanic	al Logs	Run (Su	bmit copy of	each)					Was I	well com OST ru		Ди		Yes (Sub	mit analysis mit report) Submit copy	,
73 Casin	g and I in	er Recor	d (Ren	et all	etrinae e	et in well)					<u> </u>	Direc	uona .	survey!		1110	1 53 (	Sublin Copy	<del>)</del>
Hole Size	Size/Gra		t. (#/ft.)	T	(MD)	Bottom (MI	) St	age Ce Dept	menter h		of Sks. of Cen		Slurr (E	rry Vol. (BBL) Cem			Top*	Amount	Pulled
	<del> </del>			ļ	······································		- -								4				
	ļ			ļ	···········	<u> </u>						$\dashv$			+-		<u></u>		
	<del> </del>		····	<del> </del>	<del></del>		-					$\dashv$			+				<del></del>
	<del> </del>				· · · · · · · · · · · · · · · · · · ·		_								T				
24. Tubin	g Record			A		L												<u> </u>	
Size	Depth	Set (MD	) Packe	er Deptl	ı (MD)	Size	D	epth Se	t (MD)	Packer	Depth	(MD)		Size		Depth	Set (MD)	Packer D	epth (MD)
2 7/8	8740		874	0						Ĺ			<u> </u>					<u> </u>	···
25. Produ	Formation			To	, T	Bottom	$+\frac{2}{}$		rforation		1	Т.	Size	No	Liai	40	l	Perf. Status	
A) wolfe	camp	il			γρ	Dottom	-   .	Perforated Interval   Size					No. Holes Perf. Status  120 open						
	- Lump					<del></del>	╅	8708-9238 .38					120			open			
B) C)			-				$\neg$					1	•						
D)						,										厂	550	YII	ED
27. Acid,			Cement !	Squeeze	e, etc.						177	CI	<b>4</b>				115	J 1 0	
8768-92	Depth Inter 38	vai		6300	gal. 15	% NEFE			A	mount a	ina i yt	oc os iv	viaiciia	NOV 1 3 2010					
																1	MOC	DAR	<b>FESIA</b>
28. Produ	ection - Inte	rval A														<u> </u>			70.
Date First Produced	Test Date	Hours Tested	Test Produ	ction	Oil BBL	Gas MCF	Water BBL		Oil Grav Corr. Al	rity PI		ias Iravity	f	Production ACC	TEF	TE	D FOF	REC(	ORD
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate		Oil BBL	Gas MCF	Water BBL		Gas/Oil Ratio		W	eli Stati							
28a. Prod	SI												_		- M	<u>0V</u>	12 2	010]	
Date First	Test	Hours	Test	- 17	Dil	Gas	Water		Oil Grav	rity	Gas	<u> </u>		Production	n Me	168/	Roge	r Hall	+
Produced	Date	Tested	Produc		BBL	MCF	BBL		Corr. Al			ivity		L	REA	U OF	LAND M	ANAGEME	J 1
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	1	Oil BBL	Gas MCF	Water BBL		Gas/Oil Ratio		We	Il Statu	s L		<del>-UA</del>	<del>KL)B</del>	AD FIELD	UTTICE	
*(See ins	tructions a	nd spaces			data on p	1   1   1   1   1   1   1   1   1   1			L										

28b. Production - Interval C													
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	_				
28c. Production - Interval D													
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					
29. Disposition of Gas (Sold, used for fuel, vented, etc.)													
30. Summary 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.							31. Formati	31. Formation (Log) Markers					
Forn	nation	Тор	Bottom		Descr	iptions, Conten	ts, etc.		Name	Top Meas. Depth			
32. Addit	ional remar	ks (include	plugging pr	rocedure):									
	<u> </u>							***************************************					
33. Indicate which itmes have been attached by placing a check in the appropriate boxes:  Blectrical/Mechanical Logs (1 full set req'd.)  Sundry Notice for plugging and cement verification  Core Analysis  Other:													
34. I here	by certify t	hat the fore	going and a	ntached info	ormation is c	omplete and co	rrect as determined	from all availa	ble records (see attached instructi	ons)*			
Name	(please pri	nt) Rand	all L Harri	s	1		Title Geolog	gist					
Signa	Signature												

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

Form 3160-4 (April 200) \*

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

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

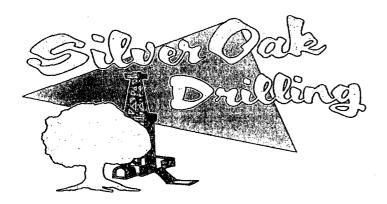
FORM APPROVED OMB NO. 1004-0137 Expires March 31, 2007

WELL	COMPLETION	OR RECOMPL	ETION REPOR	RT AND LOG
**	COMI LE HON			

				WELL	COMPLET	ION OR	RECOMPL	ETION	NREPORT.	AND L	OG	5.		se Seria 06162			
1a. b.	Type o	of Well of Completic		oil Well	Gas Wel	l Dr Work (	· -	er Deeper	n Plug B	ack	Diff. Resv	i i	If Ir	ndian, A	llottee or Tr	ibe Name	
2.	Other Name of Operator												7. Unit or CA Agreement Name and No.				
<u> </u>	Cimarex Energy Co. of Colorado												8. Lease Name and Well No.  County Line 1 Federal 2				
3.	. Address 3a. Phone No. (include area code) 432-571-7800												API	Well N 015-3	lo.		
4.													10 Field and Pool, or Exploratory				
At surface 330 FSL & 330 FWL											11		yburg	M., on Blo	ck and		
35015E & 35017VE													vey or A				
	At top	prod. interv	al repo	orted belov	v							12		.6S-291 inty or F		13. State	
		l depth											Edd			NM	
14.		pudded 9.25.08		15. Dat	e T.D. Reache	ed 12.18.08			16. Date Comp		02.24.1 Ready to Prod			vations ( 13' GR	(DF, RKB, I	RT, GL)*	
18.	Total I	Depth:	MD	280	0' 19. Plug	g Back TD:	MD 2	752'		20.	Depth Bridge	Plug Set:					
			TVD	280	D'		TVD 2	752'					TVI		752'		
21.	Туре Е	Electric & O	ther M	echanical	Logs Run (Si	ıbmit copy o	f each)			22.	Was well core		No.		es (Submit a	• •	
											Was DST run? Directional Su	_	No.	No Y 6	es (Submit re	(Submit copy)	
23.	Casing	g and Liner I	Record	(Repor	t all strings s	et in well)											
Hol	e Size	Size/Grad	de	Wt. (#/ft	.) Top (N	fD) Bo	ttom (MD)	Stag	ge Cementer Depth		of Sks. & of Cement	-	Slurry Vol. (BBL) Cer		Cement Top* Ar		ulled
12	1/4"	8 5/8" J-55 24 0' 414' 600 sx class C								0'							
7	7/8"	5 1/2" J-		17	0,		<del>2486</del> '279			580 sx (	class C	-			0'	-	
24.	Tubing Size	g Record Depth Set	(MD)	Packer	Depth (MD)	:	Size	Dep	oth Set (MD)	Pack	er Depth (MD)	Siz	ze	Depth	Set (MD)	Packer Dept	h (MD)
25.	Drody	cing Interval	10					26 Por	foration Record								
	Tiouu	Formation			Тор	В	ottom	20. FEI	Perforated Int	-	rval Size			Holes		Perf. Status	
A)		Graybu	ırg	4.740	2593'	2	571'	2569-2571 0.41 2575-2580 0.41					38 38				
B) C)									2582-2586 0.41				3	38			
D) 27.	Acid, l	Fracture, Tre	eatmen	t, Cement	Squeeze, etc.			<u></u>	2589-259	93	0.4	1	3	38	HE	CEIVI	
	Depth In		5550	. C-1f2	0#1! C-1	44 440# - 54	C (20 M/L ) - C-		Amount and	Type of	Material				NO	V <b>1 9</b> 20	10
	2569-2	2593	55587	Gais of 3	u# Liner Gel,	44,119# 01 1	6/30 White Sa	na								2D ADT	
															NMO	CD ART	ESIA
28.	Produc	ction - Interv	val A -	-													
Date I Produ		Test Date		lours ested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Corr. API	Gas Gravity	Product					
	03.10	03.19.1		24		3.33	0	20	36.2		0	Rump	ile P			<u>recori</u>	)
Choke Size		Tbg. Press. Flwg. 20	- 1	lsg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ra	tio				Well S	**		
		sı 30		0		3.33	0	20	0		Producing		ИО,		2 2010		
28. Date l		ction - Interv		lours	Test	Oil BBL	Gas MCF	Water	Oil Gravity	Corr, API	Gas Gravity	Product	ion Me	/s/ F	Roger	Hall	-
Produ			1	ested	Production			BBL				BU	REAL	J OF L	AND MAN D FIELD C	AGEMENT	
Choke Size		Tbg. Press. Flwg.	C	esg, Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ra	tio	Well Status						

28b.	Prodi	ictión - Inter	val C	Committee to the contract of t	·····		· · · · · · · · · · · · · · · · · · ·				
Date First Productd		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		
28c.	Prod	action - Inter	val D		1	<b>t</b>					
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		
29.	Dispo		ıs (Sold, use	d for fuel, ver	ited, etc.)	<b>i</b>	1	I	1		
	Sold										
30.			ous Zones (I	nclude Aquife	rs):				31. For	mation (Log) Markers	
		ding depth in						d all drill-stem tes t-in pressures and			
	Forma	tion	Тор	Bottom		Descr	riptions, Con	itents, etc.		Name	Top Meas. Depth
32. 01-28-				olugging proc		I.			Yates Queen Grayburg Premier S San Andr Lower Sa	SS	1070' 1800' 2220' 2550' 2625' 3025'
33.	∑EI	ectrical/Med	chanical Log	en attached b s (1 full set ro g and cement	eq'd.)		appropriate Geologic R Core Analy	eport		Directional Survey	viation report.
34.			_							lable records (see attached in	structions)*
N	Vame (p	elease print)	Bre	tt 'j	enn l	ng)	Title		Re	gulatory Analyst	
	Signatur	91	A	3						ctober 29, 2010	
Title 18 I	U.S.C. S	ection 1001	رع and Title 43 I	LS.C. Section	1212. mak	e it a crime fo	or any person	knowingly and wil	Ilfully to make to	any department or agency of the	e United

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



PO Box 1370 Artesia, NM 88211-1370 (575) 748-1288

February 1, 2010

Cimarex Energy Co. Attn: Jim Evans

600 N. Marienfeld, Suite 600

Midland, TX 79701

RE:

County Line 1 Fed #2 330' FSL & 330' FWL Sec. 1, T16S, R29E

Eddy County, New Mexico

Dear Sir,

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

D	ate	Depth	Dev		
1/	23/2010	384.00	1.00		
1/	24/2010	646.00	1.10		
1/	24/2010	958.00	1.00		
1/	25/2010	1267.00	1.10		
1/	25/2010	1581.00	0.80		
1/	25/2010	1861.00	0.60		
1/	25/2010	2141.00	0.80		

Very truly yours,

Eddie C. LaRue

**Operations Manager** 

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 1st day of February, 2010.

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires \_\_