

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1209052

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	Field Name:
New Well Re-Entry Workover	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
G G GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion     Permit #:	Dewatering method used:
SWD     Permit #:	Location of fluid disposal if hauled offsite:
ENHR     Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Permit #:

## AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

KCC Office Use ONLY								
Confidentiality Requested								
Date:								
Confidential Release Date:								
Wireline Log Received								
Geologist Report Received								
UIC Distribution								
ALT I II Approved by: Date:								

	Page Two	1209052
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R   East West	County:	
INCTRUCTIONS. Chow important tang of formations papatrated D	stail all agree Depart all final	appiag of drill stamp tasts giving interval tastad time tast

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth					-	

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated						Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Ru	in:	No		
Date of First, Resumed	I Product	ion, SWD or ENHF	<b>}</b> .	Producing N		ping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity	
									1		
DISPOSITI	ON OF C	GAS:			METHOD	OF COMPLE	TION:		PRODUCTION IN	FERVAL:	
Vented Solo	J∏ b	Used on Lease		Open Hole	Perf.	Dually		Commingled			
(If vented, Su	bmit ACC	D-18.)		Other (Specify)	)	(Submit /		(Submit ACO-4)			

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

				, OC	HEP. 7	LED ‡	VOITOSN	W 2
		годеман гяс		ИТАЭЯТ &	TICKET	<sup>30</sup> EIELD	STOR 6672	
COUNTY	RANGE	<b>GIHSNWOT</b>	SECTION	CEMENT	AMUN & AMA	2	9/98-/97-008	0126-121-0210 01
Marin			88				CUSTOMER#	DATE
DRIVER	T # XJIIDI	and an experience of the second s			CØ II	addus	025%	BIOMER
	твиск #	DRIVER	<b>492</b> твиск #	-			55	Round S
		2007	815	-			00	
		ater	SUL SIA		P CODE	IZ ETATS		<u>A1I</u>
	BEIGHT 85	CASING SIZE & WI	- 52	НОГЕ DEPTH	MR.	/ JZIS JOH	1.9/	and added a
	ЯЭНТО			TUBING			189 Pmc	ASING DEPTH_
	S/ SNISAS	CEMENT LEFT in (		WATER gal/sk_		SLURRY VOL		LURRY WEIGH
		ETAR E		WIX bel	<u> </u>	DISPLACEMENT P	~	TNAMADAJARI
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JATOT	UNIT PRICE	TODUCT	ERVICES or PR	S to NOIT9I932	10	Or UNITS	TINAUD	ACCOUNT CODE
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54'651					BOABLIC	N SH		9045
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60 - 4		7			F SSUL	# OOLH	,	hall

I acknowledge/mat the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

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TOTAL 3

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## Well Refined Drilling Company, Inc. 4230 Douglas Road - Thayer, KS 66776 Contractor License # 33072 - FEIN # 48-1248553 620-839-5581/Office; 620-432-6170/Jeff Cell; 620-839-5582/FAX

Rig #:	2	? 这些重要的	Lic # 32	2887	NE RA	S23	T34S	R16E
API #:	15-125	-31965-0000			Din #2 GA	Location		S2,SW,NW
Operator:	Endeav	or Energy Resou	rces LP		2 Ng#2	County		Montgomery
Address:	PO Box	: 40			AT DE			
	Delawa	ire, Ok 74027			2.1.1.1.1.1.1.1.1.	Gast	ooto	CHERNEL CONTRACTOR
Well #:	23-3	Lease Name:	Campb	ell	Depth	02	07120	IS flow-MRE
ocation:	2310	FNL	Line	<b>学和</b> 和特别	228		No Flov	
	1320	FWL	Line	8.00 C	253		No Flov	
Spud Date:		6/2/2010	)		358	1	No Flov	
Date Complete		6/8/2010	TD:	1019'	378		No Flov	
Driller:	Jeff Ke				403		No Flov	
Casing Reco	ord Table	Surface	Produc	tion	478		No Flow	
Hole Size		12 1/4"	7 7/8"		510	30	1/4"	9.2
Casing Size	e	8 5/8"			553		Check S	
Neight					628		Check S	
Setting Dep		68' 1"		[	753	8	1"	73.1
Cement Ty		Portland	T	[	953	9	3/4"	42.5
Sacks		Service Compan	ý j	1	1003	6	3/4"	34.7
Feet of Cas	sing			1	1019	5	3/4"	31.6
	10-R2-0	29-Campbell 23-:	2455838					
	10-R2-0	29-Campbell 23-						
IOLE-0608	N.S.			Well	og Formation			والأحتاد المتضايد الأساب دوار ماد
IOLE-0608 Top. 0	Bottom 3	<b>Eormation</b>		WellE	Qğ		Bottom	
0LE-0608 Top 0 3	Bottom 3	Formation	Top	Well L Bottom 250	og Formation		Bottom 440	<b>Formation</b> sandy shale
0LE-0608 Top 0 3 33	Bottom 3 33	<b>Eormation</b>	<b>Top</b> 220	Well L Bottom 250	OG Formation shale sandy shale	413	Bottom 440 468	Sandy shale
0LE-0608 Top 0 3 33 43	Bottom 3 33 43 49	Eormation overburden clay gravel lime	<b>Top</b> 220 250	Well L Bottom 250 264 268	OG Formation shale sandy shale	413 440	Bottom 440 468	sandy shale lime shale
0LE-0608 Top 0 3 33 43 49	Bottom 3 33 43 49 89	Eormation overburden clay gravel lime shale	<b>Top</b> 220 250 264	Well 12 Bottom 250 264 268 329 334	Og shale sandy shale lime shale lime	413 440 468	Bottom 440 468 469 474	sandy shale lime shale
0LE-0608 Top 0 33 33 43 49 89	Bottom 3 33 43 49 89 98	Eormation overburden clay gravel lime shale lime	220 250 264 268 329 334	Well 12 Bottom 250 264 268 329 334	Og shale sandy shale lime shale	413 440 468 469	Bottom 440 468 469 474	Sandy shale lime shale lime shale
IOLE-0608 Top 0 3 33 43 49 89 98	Bottom 3 33 43 43 49 89 98 98 100	Formation overburden clay gravel lime shale lime shale	220 250 264 268 329	Well 1 Bottom 250 264 268 329 334 338 363	OG shale sandy shale lime shale lime shale lime shale lime	413 440 468 469 474	Bottom 440 468 469 474 476 503	sandy shale lime shale lime shale lime shale lime
0LE-0608 Top 0 33 33 43 49 89	Bottom 3 33 43 43 49 89 98 98 100	Eormation overburden clay gravel lime shale lime	220 250 264 268 329 334	Well 1 Bottom 250 264 268 329 334 338 363	OG shale sandy shale lime shale lime shale	413 440 468 469 474 476	Bottom 440 468 469 474 476 503 504	sandy shale lime shale lime shale lime shale lime shale
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IOLE-0608 Top 0 3 3 3 3 3 3 3 3 3 3 3 3 3	Bottom 3 33 43 49 89 98 100 103 160 161	Eormation overburden clay gravel lime shale lime shale oil odor shale coal	220 250 264 268 329 334 338 356	Well 1 Bottom 250 264 268 329 334 338 363 360 366	Og shale sandy shale lime shale lime shale lime oil odor	413 440 468 469 474 476 503 504	Bottom 440 468 469 474 476 503 504 505	sandy shale lime shale lime shale lime shale lime shale lime blk shale
0LE-0608 Top 0 33 33 43 43 49 89 98 100 103 160 161	Bottom 3 33 43 49 89 98 100 103 160 161 164	Eormation overburden clay gravel lime shale lime shale oil odor shale coal shale	220 250 264 268 329 334 338 356 363	Well 1 Bottom 250 264 268 329 334 338 363 360 366 368 368 369	OG shale sandy shale lime shale lime shale lime oil odor blk shale shale shale coal	413 440 468 469 474 476 503 504	Bottom 440 468 469 474 476 503 504 505 509	Sandy shale lime shale lime shale lime shale lime shale lime blk shale gas
IOLE-0608 Top 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Bottom 3 33 43 49 89 98 100 103 160 161 164 176	Eormation overburden clay gravel lime shale lime shale oil odor shale coal shale lime	220 250 264 268 329 334 338 356 363 366 368 368 369	Well 1 Bottom 250 264 268 329 334 338 363 363 366 366 368 368 369	Og shale sandy shale lime shale lime shale lime oil odor blk shale shale	413 440 468 469 474 476 503 504 505	Bottom 440 468 469 474 476 503 504 505 509 509	Sandy shale lime shale lime shale lime shale lime shale lime blk shale gas
IOLE-0608 Top 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Bottom 3 33 43 43 49 98 98 98 100 103 160 161 164 176 178	Formation overburden clay gravel lime shale lime shale coil odor shale coal shale lime blk shale	220 250 264 268 329 334 338 356 363 363 366 368	Well 1 Bottom 250 264 268 329 334 338 363 363 366 366 368 368 369	QG shale sandy shale lime shale lime shale lime oil odor blk shale shale shale coat shale	413 440 468 469 474 476 503 504 505 509	Bottom 440 468 469 474 476 503 504 505 509 509 523 532	Sandy shale lime shale lime shale lime shale lime shale lime blk shale gas lime shale
IOLE-0608 Top 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Bottom 3 33 43 43 49 89 98 100 103 160 161 164 176 178 179	Formation overburden clay gravel lime shale lime shale oil odor shale coal shale lime blk shale shale	220 250 264 268 329 334 338 356 363 366 368 368 369	Well 1 Bottom 250 264 268 329 334 338 363 360 366 366 368 369 372 373	QG shale sandy shale lime shale lime shale lime oil odor blk shale shale shale coat shale	413 440 468 469 474 476 503 504 505 509 523	Bottom 440 468 469 474 476 503 504 505 509 523 532 533	Sandy shale lime shale lime shale lime shale lime shale lime blk shale gas lime shale coal
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IOLE-0608 Top 0 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Bottom 3 33 43 49 89 98 100 103 160 161 164 176 178 179 193 203 207	Eormation overburden clay gravel lime shale lime shale oil odor shale coal shale coal shale lime blk shale shale lime shale	220 250 264 268 329 334 338 356 363 363 366 368 368 368 369 372 373 374	Well 1 Bottom 250 264 268 329 334 338 363 363 366 366 366 368 369 372 373 374 375 394	Og shale sandy shale lime shale lime shale lime oil odor blk shale shale coal shale lime shale coal shale	413 440 468 469 474 476 503 504 505 509 523 532 532 533 538	Bottom 440 468 469 474 476 503 504 505 509 509 509 523 532 533 538 538 540	sandy shale lime shale lime shale lime shale lime shale lime blk shale gas lime shale coal shale shale shale shale shale

Operator:		Energy Resources LP	Lease:	Campbell	e e Matthews (18)	Weli #	23-3	page 2
Тор	Bottom	Formation	Тор	Bottom	Formation	Тор	Bottom	Formation
555	557	lime						
557	559	blk shale						
559	561	shale						
561	562	coal						
562	599	shale						
599	601	lime						
601	611	shale						
611	612	coal						
612	618	shale						
618	623	sand						
623	631	shale						
631	632	coal						
632	641	shale						
641	651	sand						
651	668	shale						
668	669	coal						
669	691	shale						
678		stopped for day						
691	692	coal						
692	698	shale						
698	703	sand						
703	748	shale						
748	806	sand						
775	803	oil odor						
806	891	shale						
891	901	sandy shale						* 11 A. Cont
901	902	coal						
902	967	shale						
953		stopped 6/7/2010						
967	the second se	coal						
968		shale			1.1.1.4			
979		Mississippi						
1019		Total Depth						

Notes:

10LE-060810-R2-029-Campbell 23-3-EER