KANSAS CORPORATION COMMISSION RIGINAL OIL & GAS CONSERVATION DIVISION

September 1999 Form Must Be Typed

CONSERVATION DIVISION

WICHITA, KS

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33785	API No. 15 - 069-20294-0000
Name: Energy Operations Kansas, LP	County: Gray
Address: 9393 West 110th St., Ste 500	
City/State/Zip: Overland Park, KS 66210	2310 feet fron S N (circle one) Line of Section
Purchaser: N/A	2310 feet from E / (W) (gircle one) Line of Section
Operator Contact Person: Gary L. Miller	Footages Calculated from Nearest Outside Section Corner:
Phone: (918) 398-9976	
Contractor: Name: Warrick Drilling LLC	
icense: 33719	Field Name: Wildcat
Wellsite Geologist: George Alcorn	Producing Formation: NONE
Designate Type of Completion:	Elevation: Ground: 2795 Kelly Bushing: 2804
✓ New Well Re-Entry Workover	Total Depth: 5622 Plug Back Total Depth: 4795
—————————————————————————————————————	1710
Gas ENHR SIGW	·
	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set 3898 Feet
f Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator:	feet depth tosx cmt.
Well Name:	Drilling Fluid Management Plan AHT NHO-12-08
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volume dry bbls
Plug BackPlug Back Total Depth	Dewatering method used evaporate
Commingled Docket No.	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Operator Name:
Other (SWD or Enhr.?) Docket No	
9/06/2006 9/24/2006 10/16/2006	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec Twp S. R
Troomponer Bate	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of	of the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-12 and geologist well report shall be attached with this form. ALL CEMENTING Is. Submit CP-111 form with all temporarily abandoned wells.
all requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
signature: Hall Le Mally	KCC Office Use ONLY
itle: Operations Manager Date: 12/13/2006	Letter of Confidentiality Received
Subscribed and sworn to before me this <u>13</u> day of <u>Pecemb</u>	1 • • · · · · · · · · · · · · · · · · ·
	Wireline Log Received
006 0. N. M. 1.	Geologist Report Received
lotary Public: Busa M. Mansfield	
	UIC Distribution KANSAS CORPORATION COMMISS
Date Commission Expires: Notory Public - State of Charles	DEC 18 20.03

My Commission Expline Oct 14, 2016

Side Two

Operator Name: Ene	ergy Operations I	Kansas, LP	Leas	e Name:	Copeland		Well #: <u>2-10</u>				
Sec. 10 Twp. 2	9S. R. <u>30</u>	East		ty: Gray				•			
ested, time tool oper emperature, fluid red	n and closed, flowin covery, and flow rate	and base of formations p g and shut-in pressures, es if gas to surface test, final geological well site	whether : along with	shut-in pre	essure reached	static level, hydro	static pressu	res, botto	m hole		
Drill Stem Tests Take (Attach Additional		☐ Yes 📝 No		 ✓ L	og Formatio	on (Top), Depth a	ind Datum	Sample			
Samples Sent to Geo	ological Survey	☐ Yes 🗸 No		Nam Cha	e se Group	*	Top 2674		Datum KB		
Cores Taken		☐ Yes 🗸 No			ncil Grove		3022				
Electric Log Run		✓ Yes ☐ No		Nev	а		3175				
(Submit Copy)				Торе	eka		3768				
List All E. Logs Run:				Lan	sing Group		4258				
ISAT, SDL/DS	SN, MICROLO	OG, ACRT		Mor	row		5069				
•				St. 0	Genevieve		5380				
				St. I	_ouis		5504				
•		CASING Report all strings set-	RECORD		-	ion eta					
Purpose of String	Size Hole	Size Casing	W	eight	Setting	Type of	# Sacks	Туре	and Percent		
Surface	Drilled Set (In O.D.)		36	s. / Ft.	1710	ACON	470 · 39		dditives		
Production	8 3/4	5 1/2	15.5		5622	50/50 poz	1455 10%		SALT		
		ADDITIONAL	L CEMENT	FING / SQI	JEEZE RECORD	l	_l				
Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sack	ks Used		Type and F	Percent Additive	s			
Protect Casing Plug Back TD Plug Off Zone											
		<u></u>			<u> </u>						
Shots Per Foot		ION RECORD - Bridge Plu Footage of Each Interval Pe		θ.		cture, Shot, Cemen	Depth				
3	5286-5396, 530	0-5306, 5310-5320,	5332-53	40	3152 g gelle	d 15% fehcl +	100bs		5286-5340		
CIBP	4808				2 sks cemer	nt			4808		
3	4688-4698		•		none	•					
						•					
						·		<u>.</u>			
TUBING RECORD	Size	Set At	Packer n/a	At	Liner Run	Yes ✓ No					
Date of First, Resumer	d Production, SWD or I			Flowin	g Pumpii	ng Gas Li	ft Oth	ner (Explain)		
Estimated Production Per 24 Hours	. Oil	Bbls. Gas	Mcf	Wat	er B		Gas-Oil Ratio		Gravity		
Disposition of Gas	METHOD OF	COMPLETION			Production Inter						
Vented Sold	Used on Lease	Open Hole Other (Spec	Pe		Dually Comp.	Commingled _	R Kansas co	ECENTORATION	VED ON COMMISS		
		[∡] Other (Spec	(Siry)					C 18			

CONSERVATION DIVISION WICHITA, KS

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety

Sold To #: 3	34774	2		Ship T		252084		0011		uote #		, our	<u>-y</u>	Sa	iles	Order	#: 46!	51084	
Customer:			PERAT									Rep: E	NER. OF				-		
Well Name:							ell#	: 2-						PI/UWI		,			
Field:				v (SAP)	: UN	NKNOWN			unty/P	arish	: Gra	av				Kansa	s		
Contractor:	WAI	RRICK		, ,	_	Rig/Platf													
Job Purpos				e Stages															
Well Type:					$\overline{}$	Job Type	e: C	eme	ent Mul	tiple S	Stage	es		· · · · -					
Sales Perso	•				-	Srvc Sup							MBU	ID Emp) #:	106036			
						-			Perso				1				-	•	
HES Em	p Nam	e E	Exp Hrs	Emp	#	HES I				Exp l		Emp #	‡ H	ES Emp	Nar	ne	Exp H	Irs E	mp#
ARCHULET	ГΑ,		12	22638	1	ARNETT,	JAN	ΛES	Ray	14		226567	7 Arnol	d, Tobin			12	, tws	
MIGUEL A				00.100	_							10000							
CHAVEZ, E	RIK		6	32469	3	SMITH, B	OBE	3Y V	√ayne	14		106036	3						
Adrain				<u></u>				F	quipm	ent			l						
HES Unit #	Die	tance-1	l way	HES Ur	it #	Distar	3Ce-1			IES U	nit #	Die	tance-1 w	/av H	FS I	Jnit#	Diet	ance-1	way
1120 0111011	10.0	Larros		1120 01					· ,			10.0	<u> </u>	, uy 11		J	<u> </u>	<u> </u>	way
					··-				ob Ho	IIFS									
Date	On	Location	on O	perating	T	Date			Location		Oper	ating	D	ate	On	Locati	on T	Opera	tina
1		Hours	- 1	Hours					Hours			ours				Hours		Hou	
TOTAL									Tota	al is th	e sur	m of ea	ch colum						
				Job										Job 7	Γime				
Formation N			. 1			=				_				Date		Tim		Time 2	
-	ormation Depth (MD) Top			IOT	Bottom				—+	alled			Sep - 2		01:0		CS		
Form Type Job depth M	n	F	5622. ft		IST b.D.	Depth TVD 5622. ft					On Location 26 - S Job Started 26 - S			Sep - 2		04:0	-	CS	
Water Depth			JUZZ. II						3. ft		Job Complete			Sep - 2		16:5		CS	_
Perforation I		(MD) F	rom			To 3. it					· · · · · · · · · · · · · · · · · · ·			Sep - 2		18:0		CS	
	p	(<u> </u>				الستنا		1	Nell Da					- 40p		1 .0.0			•
Description	on	New /	Ma	x Si	ze	ID	Wei			Thre	ad		Grade	Top N	MD	Botton	n To	р В	ottom
_		Used	press	ure i	n	in	lbm	_						ft	- I			- 1	TVD
			psi	g												ft	1	t	ft
8-3/4" Open			-		_	8.75	45	_		_			· · · · · · · · · · · · · · · · · · ·	1800	0.	5622.	-		
5-1/2" Produ Casing	Clion	Used	1) 3	.5	4.95	15	.o							1	5622.			
Multiple Stag	e	Used												3898	В.	3898.			
Cementer			·																
9-5/8" Surfac	e	Used	+	9.6	25	8.921	36	3.								1800.			
Casing			ŀ	<u> </u>		<u> </u>	T	<u> </u>			!								
Tuna	Size	04:	Maka	Donth	1				nd Acc	Mal			7			<u> </u>			4 - 1
Type Guide Shoe	Size	Qty	Make	Depth		Type cker	Siz	ze	Qty	IVIA	Ke I	Depth			_ 3	ize	Qty	/ <u>N</u>	/lake
Float Shoe		 				dge Plug		-			-		Top Plus Bottom				-		
Float Collar						tainer				 			SSR plu		ļ			-	
Insert Float					1	<u>,</u>							Plug Co						
Stage Tool													Centrali						
						N	lisc	ella	neous										
Gelling Agt			Co			Surfac		t			Conc		Acid Ty			Qty		Con	с %
Treatment F	d		Co	nc	L.,	Inhibit	or				Conc	:	Sand Ty	/pe		Size	9	Qty	

RECEIVED KANSAS CORPORATION COMMISSION

NOV 17 2006

CONSERVATION DIVISION WICHITA, KS

Cementing Job Summary

			F	luid Data									
St	tage/Plug #: 1												
Fluid #		Fluid N	ame	Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk		Total Mix Fluid Gal/sk			
1	MUD FLUSH	MUD FLUSH - ZI - SE	IM (13383)		bbl	8.4	.0	.0	.0				
	990 gal/Mgal	FRESH WATER								-			
	1 gal/bbl	FDP-C694L-03, 5 GA		38)									
2	Stage 1 Cement	(14239)			sacks	13.5	1.65	7.09		7.09			
	10 %	SALT, BULK (100003	<u> </u>	,									
	10 %	CAL-SEAL 60, BULK	·										
	6 lbm	GILSONITE, BULK (1	00003700)										
	0.5 %	HALAD(R)-322, 50 LE	ALAD(R)-322, 50 LB (100003646)										
	0.5 %	D-AIR 3000 (1010074							••	-			
	0.5 lbm	FLOCELE - 3/8, 25 LE	3 SK (100005049))									
	7.087 Gal	FRESH WATER											
3	MUD FLUSH	MUD FLUSH - ZI - SE			bbl	8.4	.0	.0	.0				
	1 gal/bbl	FDP-C694L-03, 5 GA	_ PAIL (10142438	38)									
	990 gal/Mgal	FRESH WATER											
St	tage/Plug #: 2												
Fluid #	Stage Type	Fluid N	lame	Qty	Qty uom	Mixing Density uom	Yield uom	Mix Fluid uom	Rate uom	Total Mix Fluid uom			
1	Stage 2 Cement	POZ PREMIUM PLUS (14239)	50/50 - SBM		sacks	13.5	1.63	6.92		6.92			
	10 %	SALT, BULK (100003	395)		-	<u>'</u>	-						
	10 %	CAL-SEAL 60, BULK	(100064022)										
-	6 lbm	GILSONITE, BULK (1	00003700)										
	0.5 %	HALAD(R)-322, 50 LE	(100003646)										
	0.5 %	D-AIR 3000 (1010074	46)										
	0.5 lbm	FLOCELE - 3/8, 25 LE	SK (100005049))									
	6.919 Gal	FRESH WATER	Ÿ										
Ca	alculated Values	Pressui	res			V	olumes						
Displa	cement	Shut In: Instant	Lost	Returns		Cement S	lurry		Pad				
	f Cement	5 Min 15 Min	Cem	ent Returns		Actual Di			Treatn				
Frac G	radient	Spac	cers		Load and	Breakdo	wn	Total	lob				
		,		Rates									
	lating	Mixing		Displac	ement	<u></u>		Avg. Jo	ob				
	ent Left in Pipe		ason Shoe Joint			,	, ,						
Frac	Ring # 1 @	ID Frac ring # 2		Frac Rin)	Frac Ring	#4@	ID			
TI	ne Information	Stated Herein Is	Cus	tomer Represe	entative S	Signature							

RECEIVED

KANSAS CORPORATION COMMISSION

NOV 17 2006

CONSERVATION DIVISION WIGHTIA, KS

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 347742	Ship To #: 252	0847	Quote #:	Sales Order #: 4651084					
Customer: ENERGY OP	ERATION KANSAS LF)	Customer Rep: ENER. OP OF KS, MILO						
Well Name: COPELAND		Well #: 2-10		API/UWI #:					
Field:	City (SAP): UNKNO	WN County	/Parish: Gray	State: Kansas					
Legal Description:									
Lat:			Long:	•					
Contractor: WARRICK	Rig/P	latform Name	/Num: 118						
Job Purpose: Cement M	ultiple Stages			Ticket Amount:					
Well Type: Exploratory / \	Wildcat Job 1	ype: Cement I	Multiple Stages	1					
Sales Person: HESTON	MYRON Srvc	Supervisor: S	MITH BORRY	MRILID Emp #: 106036					

Activity Description	Date/Time	Cht	Rate bbl/ min	Volu		Pres	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Call Out	09/26/2006 01:00							
Depart Yard Safety Meeting	09/26/2006 03:00							·
Arrive at Location from Service Center	09/26/2006 04:00							
Assessment Of Location Safety Meeting	09/26/2006 04:00							casing on bottom and rig
Rig-Up Equipment	09/26/2006 04:00							3
Other	09/26/2006 06:30							bulk truck on location
Rig-Up Equipment	09/26/2006 06:30							rig up bulk truck
Safety Meeting	09/26/2006 07:00		-					location safety meeting
Rig-Up Equipment	09/26/2006 07:15							on drill floor
Start Job	09/26/2006 07:30							
Pump Spacer 1	09/26/2006 07:34		5	. 12			200.0	10 bbls mud flush and 2 bbls of water
Pump 1st Stage Lead Slurry	09/26/2006 07:38		6	151.5				515 sk @ 13.5 #
Clean Lines	09/26/2006 08:06							
Load Bottom Plug	09/26/2006 08:10						,	
Drop Bottom Plug	09/26/2006 08:11							
Pump Displacement	09/26/2006 08:12		6	40			· 50.0	water
Pump Displacement	09/26/2006 08:20		6	91.5			200.0	mud

Sold To #: 347742

Ship To #:2520847

Quote #:

Sales Order #:

4651084

SUMMIT Version:

7.10.386

Saturday, September 30, 2006 11:17:00

Cementing Job Log

Activity Description	Date/Time	Cht	Rate bbl/ min	Volu		1	sure sig	Comments
		#		Stage	Total	Tubing	Casing	
Bump Plug	09/26/2006 08:39		2	131.5		700.0	1400. 0	float held
Other	09/26/2006 08:40							drop the bomb
Load Top Plug	09/26/2006 08:41							
Open MSC	09/26/2006 09:10					.0	1200. 0	
Circulate Well	09/26/2006 09:15					,,,		rig
End Job	09/26/2006 09:15							
Safety Meeting - Pre Job	09/26/2006 15:20							
Start Job	09/26/2006 15:28							2nd stage
Pressure Test	09/26/2006 15:29						3900. 0	kick outs 3000
Pump Spacer 1	09/26/2006 15:31		5	12		,	250.0	10 bbls of mud flush and 2 bbls of water
Pump 2nd Stage Lead Slurry	09/26/2006 15:34		6	276			300.0	940 sk @ 13.5#
Clean Lines	09/26/2006 16:23				1			
Pump Displacement	09/26/2006 16:27		6	0			50.0	
Drop Plug	09/26/2006 16:27							
Bump Plug	09/26/2006 16:45		2	93		800.0	1800. 0	float held
Close MSC	09/26/2006 16:47					.0	3000. 0	looks good
End Job	09/26/2006 16:51							
Post-Job Safety Meeting (Pre Rig-Down)	09/26/2006 . 16:55							
Rig-Down Equipment	09/26/2006 17:00							
Depart Location for Service Center or Other Site	09/26/2006 18:00							

Sold To #: 347742

SUMMIT Version: 7.10.386

47742

Ship To #:2520847

Quote #:

Sales Order # :

4651084

Saturday, September 30, 2006 11:17:00

ال	ets	5ta	3r	Subject to	Correction	FIELD O	RDER 1	2582
ENE	RGY S	ERVI	TR5	Lease Con	Losol	Well #2 - 10	11 1	295-30h
Date Q	0-00	Customer ID	,	County	! (\(\delta\) A	State 155	Station	,
C Fa	COUO	+ 00-	of Oklahom	Depth /7/3	Formation		Shoe Joint	(<u>(i)</u>
H	a GG GDESA	27,0//5 0	# OKIGHOM		L Casing Depth	Τ	Joby Type//	3 (NW
R	 			Customer Representa	ative	Treater	1 1 L	ace
Ε				167	Smith		richy Mai	Pe5-
AFE Number		PO Number		Materials Received by	5,	gned be	low	
Station Code	Product Code	QUANTITY		MATERIALS, EQUIPMI		1	UNIT PRICE	AMOUNT
<u>L</u>	2100	160 Sk	Commo	7				
L	0101	310 Sk	A Con 1	3/end			NP.	SAVED TON COMMISSION
							Was Confeed	
							ALO: OR	TOUED
L	C310.	1178 16	Calcium	Chloride			CO1/0 17	200 COMMISSIO
L	C194	111 16	10 1101	ke			BURNATION	ZUP6 SION
		 		7.0			TA KS	ISI _{ON}
							CONSESSATION DI MICHIAN AS	
/	F146	1 EA	Too Re	bber Ceme	at Olice	05/		
	7776	 / _ C//	iop ria	ext servic	71 7-100	-778		·
						· · · · · · · · · · · · · · · · · · ·		
	F100	157 (100	4/10 /	lai 1 no	/ 0			
. /	F107		PROUG U	lehicle Mi	reage.			
<u> </u>	E/01	470 SK	Cement	Service.	Charge		<u> </u>	
	FIOT	1373 TM	BUIK	delivery	-			
/	E101	124 MI	PICKUP	11/1/cage				
	R204	1 FA	Casina C	Ement Pu	mper, 10	601-2000		
<u>L</u>	R701	1EA		- head Ro				
	R402	9 HR	Cement.	Pumper Addi	Lonal hes.	on location		
					/			
						1		
					~			
<u> </u>				40	<u> </u>			
			0,	scounted	Total			14790, 29
				Plus Tax	· · · / (\lambda i			17,190, 300
10244 N	NE Hiway 61 •	P.O. Box 861	13 • Pratt, KS 6	7124-8613 • (620)	672-1201 • Fax	(620) 672- <u>5383</u>	TOTAL	



TREATMENT REPORT

Customer	Parcet or	ne n i	Milat	, 1	Lease No.							Date						
Tease 2/	opelar	1			Well #	2-	10		/	•		9-	//-0	/				
Field Order #	Station	n / . / . / /	ral				Casing 5	7/11 .	Depth	7/3	County	GCC:			State 1/5			
Type Job	"Surface						(Nw.)		nation		Legal Description							
PIPE	DATA		PERFOR	RATING	B DATA		FLUID	USED			TREATMENT RESUME							
Casing Size	Tubing Si	ze S	hots/Ft			Ac 3/2	id OSKAC	ion 3	320	°C - 1/4 2	RATE	PRES	SS	ISIP				
Depth	Depth	F	rom	То		Pre	Pad PPG	- 3.00				, .		5 Min.				
Volume	Volume	F	rom	То		l Pa					Min. c - 14 + Cell4 loke			10 Min.	•			
Max Press	Max Pres	s F	rom	То		Fre	SPPG -	1.33	f+3.	Avg 34	Gal			15 Min.				
Well Connectio	n Annulus V	ol. F	rom	То						HHP Used				Annulus F	ressure			
Plug Depth	Packer De	· [-]	rom	То		<u> </u>	ish Wate			Gas Volum				Total Load	l			
Customer Rep	resentative	ith	<u>-</u>		Station	Man	nager Je	ry E	Ben	nett	Trea	ter	Sirba	Harpe	<u> </u>			
Service Units	126	22		44	50 2	_	338	575			<u> </u>			<u> </u>				
Driver Names	Harper	140190	with the	200	mills		·				<u> </u>			<u> </u>				
Time	Cásing Pressure	Tub Press		Bbls. Pun	nped		Rate	ļ				Servic	e Log	· · · · · · · · · · · · · · · · · · ·				
1600	9-10-8	<u>)4)</u>						On C	40									
2230				· · ·			· ·	Casin	9	huna ur	<u>, </u>	Cor	w R	clease	<u> </u>			
1830								On Location (9-11-06)										
2500				110			./	Casina on bottom -brea						ak Cr	culation	743		
2332	100			169			4	Mx 305k A Con @ 11.4#							***			
	100			38.			3	177,	10	160 Sk Class A @ 15#								
0037	100			(Pare)				Shire	<u>t a</u>	own	- (drox	2 /0/	Plu	2			
	100			110			2	0,5	n/a	a w	the state of the s	12	9661	ofle	later	<u> </u>		
	500 500 - 1	700		129	2			2/0	in Rate									
. 1	000-0		- -	129				Bul	<u>n/</u>	Plua	Pressure - Floct Held							
9/2/				127				17210	325	C 718	550	10		loct 1	te los			
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									<u> </u>	76 (2)	PVIT.Y	27 /	O THE	DA				
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		-			·	METER V							MU	V 17 20	<u> </u>			
						•							CONSER	MATTERN BO	18104			
							· · · · ·						1/7/	CYTA, KS				
										· · · · · · · · · · · · · · · · · · ·			<u> </u>					
10244	NE Hisse	av 6:	· PA	Box	8613-	Dre	att KC c	7104-	064	2 - /CON	0=0	400		1000	72-5383			
		ay U	· · · · · · · · ·	-DOY	0013	T U	ли, NO 0	7449	૭૭૫	3 - (620)	6/2	-1201	• Fax	(620) 6	72-5383			

