

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1301883

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 #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW ☐ OG ☐ GSW ☐ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #: GSW Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Caud Data an Data Data Data Harabad TD Consultation Data	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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	1301883
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS, Chow important tang of formations populated	Dotail all coros Roport all	final copies of drill stoms tests giving interval tested, time teal

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	pets)	Yes No		.og Formatio	n (Top), Depth and	d Datum	Sample
Samples Sent to Geolog	,	Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment c	on this well?		Yes	No (If No. skip	questions 2 an	d 3)
	0	raulic fracturing treatment ex	ceed 350,000 gallons			question 3)	,

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Shots Per Foot		PERFORATION Specify Fo	NRECOF otage of	RD - Bridge P Each Interval I	lugs Set/Typ Perforated	e			ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner F		No	
Date of First, Resumed	Product	tion, SWD or ENHI	٦.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DIODOOITI	011 05									
DISPOSITION OF GAS:								Commingled	PRODUCTION INT	ERVAL:
Vented Solo		Used on Lease		Open Hole	Perf.	Uually (Submit)		(Submit ACO-4)		
(If vented, Su	bmit ACC	D-18.)	Other (Specify)							

Yes

No

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

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

Form	ACO1 - Well Completion
Operator	PetroSantander (USA) Inc.
Well Name	CARR 2-1 WIW
Doc ID	1301883

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth			Type and Percent Additives
Surface	12.25	8.625	23	470	CLASS H	275	CC 3%
Production	7.875	5.5	14	4865	50/50 POZ	150	SALT 18%
Liner	5.5	4.5	12.6	4325	CLASS A	50	NA

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PF	TROSANTA	NDFR			1	
WELL NAME:	CARR 2-1	AFE#:		/ INC.		
REPORTED BY:	P. KUNEYL					
OBJECTIVE:	WORKOVER	REPORT D	DNS DATE:	DECEMBER 2,3, &	9,2002	·····
RTD:	4866'	CSG. SIZE		1,2, & 3	1	
PBTD:	4847'	TBG. SIZE		5 1/2"		
PERFS:	4756' - 68'			2 7/8"	1	
24 HOUR SUMMA		FORMATIC	JN:	MORROW		
	DST & MASTIN WELL					Ti V
RIG DOWN DRIVE	UEAD	SERVICES.				
	TOR, TBG., & STATOR					
SDON 10 HRS.	TUR, TEG., & STATUR	(
SDUN TURINS.						
10.0.00 701000						
12-3-02 11H W/S	AM'S PKR. SERVICES	5 1/2" RBP &	PKR.		1	
SEI KOP (2) 4349'	TO TEST. PRESS TES	IED TO 1000	PSIG., HOL	DING.		
	LE FROM 3778' - 3963				ĺ	
POMPED INTO LEA	AKS @ 1 BPM @ 575 P	SIG.			į	
SPOTTED 2 SX SA					1	
SET PKR. @ 3654'	TO SQUEEZE.	12 HRS.				
			×			
SHUT DOWN WOF	KOVER DUE TO ENG	INE FAILURE	ON SERVIC	E UNIT.		
						······································
12-9-02 RBP @ 4	349', PKR @ 3654'					
	ENTING & SQUEEZED	AS FOLLOW	S:			
100 SX COMMON (
100 SX COMMON					1	
DISPLACED W/18	BTF TO 1500 PSIG., HO	OLDING			1	
REVERSED OUT 3						
PRESS TESTED SC	QUEEZE TO 1000 PSIC	., HOLDING.	- Ani <u>ana - Ani</u> ana - Aniana - Ani			
TOH W/TBG. & PK	R. SDON					
12 HRS.						
			· · · · · · · · · · · · · · · · · · ·		•	
					·	
DAILY COST SUM	MARY:					
VENDOR	SERVICE	COST	l			
POST & MASTIN	SERVICE UNIT	\$ 5,200.00			1	
ALLIED	SQUEEZE JOB	\$ 3,700.00				
BRADY'S	WATER TRUCK	\$ 400.00			1	
SAM'S PKR.	SERVICE TOOLS	\$ 450.00				
		<u> </u>				······
	1					
			DAILYCOC	Τ.		
			DAILY COS		\$	9,750.00
·····			PREVIOUS			
			COST TO D	ATE:	\$	9,750.00

	CONSOLID	ATED		•	¢		BER 28	3225
	Qil Well Servic	жя, LLC	·	n Nedalaet Kalintiti		LOCATION		KS V
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'O BOX 884, (20-431-9210	Chanute, KS 667 or 800-467-867	720 +	IELD TICKE	T & TREAT	MENT REP	ORT	<u> </u>	DINEDI
DATE	CUSTOMER #	0		CEMENT	•			
			ELL NAME & NUN	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>9-13-11</u> CUSTOMER	6335	LCar	<u>r 2-1</u>		2	235	314	╾┼╌┯╾╴╴
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MAILING ADDR	RESS	<u>\avor (</u>	<u>JSA</u>	Yard		DRIVER	TRUCK #	DRIVER
			•	N15	399	Kelly Go	6/0	
ЯΤΥ		STATE	ZIP CODE	┥	460	A 195	Darkan	
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	veene-Lino			j L	· ·			
ASING DEPTH	<u>, , , , , , , , , , , , , , , , , , , </u>			_ HOLE DEPTH_		CASING SIZE & V	VEIGHT 4/	-/ 1400-
LURRY WEIGI	1.1.	DRILL PIPE		_TUBING2	1/2	·. :	OTHER	
ISPLACEMEN		SLURRY VO		WATER gal/sk_		CEMENT LEFT in		
		DISPLACEM		MIX PSI		•		
MIX 5	o are com,	<u> </u>	Lig up to	Teline F	imp dain	Tulun, m	alea Sura	the of
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ACCOUNT							+ crew	·
CODE	QUANITY (or UNITS	DE	SCRIPTION of SE	RVICES or PROD	UCT		
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account records, at our office, and compitions of service on the back of this form of the form or in the customer's

PET	ROSANTAN	DER	(USA)) INC			w
WELL NAME:		FE#: 013		/	West Hannessen		
REPORTED BY:			NS DATE ('S):	APRIL 25, 26 - 2012)	
OBJECTIVE: RUN O		REPORT D			1,2		
RTD:	4866' C	SG. SIZE:	5 1/2" 15.	5# / 4 1/2" 1	2.6# CHROME TOP	4325'	
PBTD:	4847' T	BG. SIZE		2 3/8" TK-			
PERFS:		ORMATIO	N:	MORROW	1		
SUMMARY OF WORK	(PERFORMED:						
4/25/2012 MIRU PS		ISASSEM	BLED FLO	W LINE			
	TOH W/ TBG AND PKR			-			
	R AND TBG AS FOLLOWS						
151 JTS OD EUE 8RD	AS I PKR W/ 2' TAIL PIPI	E, PROFIL	E NIPPLE	AND ON-O	PFF TOOL		8.35'
TOTAL LENGTH @ K					na Million an Million and		4707.25'
TBG SET 2' BELOW							4715.60'
· · · · · · · · · · · · · · · · · · ·	V/ 130 BBL PKR FLUID				10		4717.60'
BLED PRESSURE DO	L PKR FLUID, SET PKR,	PACKED					
REASSEMBLED FLO				ATWAVES			
RDMO PSI RIG 2							
					na film a film		
							M
			- 1040				

		-1141-11-					
COST SUMMARY:							
VENDOR	SERVICE		COST				
PSI RIG 2	SERVICE UNIT		\$3,300.00				
HEATWAVES	PUMP TRUCK		\$1,000.00				
SAMS	PKR REDRESS/ON-OFF	- TOOL	\$4,000.00				
- 1917-11							
					S REPORT:	\$	8,300.00
				PREVIOUS			
	1			COST TO I	DATE:	\$	8,300.00