

Confidentiality Requested:

☐ Yes ☐ No

Kansas Corporation Commission Oil & Gas Conservation Division

1303806

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:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW	Producing Formation:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
☐ 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)
Commingled Paymit #:	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #: ☐ 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 TwpS. R
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 III Approved by: Date:

Page Two



Operator Name:				Lease I	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whet vith final c	ther shut-in pre hart(s). Attach	essure reac extra shee	hed stati t if more	c level, hydrosta space is neede	tic pressures, bod.	ottom hole temp	erature, fluid re	ecovery,
Final Radioactivity Lo files must be submitte						gs must be ema	liled to kcc-well-	ogs@kcc.ks.go	v. Digital electi	ronic log
Drill Stem Tests Taker (Attach Additional		Ye	es No			J	on (Top), Depth		Samp	
Samples Sent to Geo	logical Survey	Ye	es No		Nam	e		Тор	Datum	1
Cores Taken Electric Log Run		☐ Ye								
List All E. Logs Run:										
				RECORD	Ne					
	0: 11.1					ermediate, product		" 0 1	T 15	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Pe Additive	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	# Sacks Used Type and Percent Additive					
Perforate Protect Casing	Top Detterm									
Plug Back TD Plug Off Zone										
1 lug 0 li 20 lio										
Did you perform a hydrau	ulic fracturing treatment of	on this well?	•			Yes	No (If No, s	kip questions 2 a	nd 3)	
Does the volume of the t			_		-		= ` `	kip question 3)		
Was the hydraulic fractur	ing treatment information	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, f	ill out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Ceme			Depth
						(_	
TUBING RECORD:	Size:	Set At:		Packer A		Liner Run:				
		0017111				[Yes N	0		
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gra	avity
DIODOCITI	01.05.040			4ETUOD 05	001451	TION		DDODUCT	ONLINITED (A)	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF ☐ Perf.			nmingled	PRODUCTION	ON INTERVAL:	
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	PetroSantander (USA) Inc.
Well Name	PAULS ALLEY 1
Doc ID	1303806

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	506	LITE/CLA SS C	300	CC 3%
Production	7.875	5.5	15.5	4897	50/50 POZ	300	SALT 10%, CC 2%
Liner	4.75	4.5	12.6	4850	COMMON	180	NA

PETROSANTANDER (USA) INC.

	INCOANTAINL		<u> </u>			
WELL NAME:	PAULS ALLEY	AFE#:				
REPORTED BY:	RON KREGER	OPERATIONS D	DATE: J.	ANUARY 3,4,5,2012		
OBJECTIVE:	WORK OVER	REPORT DAY:	1	,2,3		
RTD:	4900'	CSG. SIZE:	5	1/2"		
PBTD:	4850'	TBG. SIZE:	N	IA		
PERFS: 4802-06	3 4810-34	FORMATION:	N	10RROW		
24 HOUR SUMMAR	Y:					
01-03-12 MIRU PS	SI RIG 2					
TOOK DELIVERY O	N PIPE RACKS AND CATWA	ALK TOOK DELIVER	RY ON 4 1/2	2" 10.5#CASING W/TD (COLLARS	S
	F 4 1/2" FLUSH JOINT CHRO					
	SING WITH TURN DOWN C					
	1' PORT COLLAR WORKED		JD SDON			
	TH CASING AND LINER LAY		10 00011			
	IH WITH 4 7/8" BIT AND STI			T-10-10-10-10-10-10-10-10-10-10-10-10-10-		
	OT AND WORKED THROUG		<u> </u>			
X-14/1	HIT ANOTHER TIGHT SPO		JARK			
	ED ON TIGHT SPOT AND GO					
	NOTHER ONE AT 4826' CLE			LAT 4850' 3/		
	D STAND IN DERRICK	ANLUII OF ANU I	III IO DIIV	IAI400U ₹		
-		TOICION TO CO VAII	THOMALL	ED DIAMETED ONEO		
	OLLAR SIZE AND MADE DE	ECISION TO GO WI	TH SWALL	ER DIAMETER ONES		
SDON WAITING ON	CULLARS					
				-774M / S-89		
VENDOR	SERVICE	COST				
PSI 2	SERVICE UNIT	\$ 11,050.00				
ECWS	TOOLS AND MAN	\$ 5,200.00				
SUNRISE	CASING LINER	\$ 8,000.00			<u> </u>	
WEATHERFORD	RACKS LANDING	\$ 1,500.00				
WEATHERFORD	TOOLS	\$ 1,200.00				
SUNRISE	4 1/2 CASING	\$ 32,000.00				
CONTROL	T IIZ OAGINO	Ψ 02,000.00			-	
			All V 0007	r-	+	50.050.00
		 	AILY COST		\$	58,950.00
-			REVIOUS (39,800.00
		C(OST TO DA	AIE:	\$	98,750.00

PETROSANTANDER (USA) INC.

	PEIR	OSAN I ANDI	<u>_</u>	7 (US	A) INC	J.			
WELL NAM	E:	PAULS ALLEY	AF	E#:					
REPORTED	BY:	RON KREGER	OF	PERATION	S DATE:	JANUARY 6,7,9,10,2012			
OBJECTIVE	= :	WORK OVER	RE	PORT DAY	/ :	4,5,6,7			
RTD:		4900'	CS	G. SIZE:		4 1/2" 10.5# W/ TD COLLA	RS		
PBTD:		4850'	TE	BG. SIZE:		2 3/8" TK			
PERFS:	4802' - 06'	4810' - 24'	FC	RMATION		MORROW			
24 HOUR S	UMMARY:								
		R XO NIPPLE AND CASI							
		CASING TO THE RIGHT		IRNED DO	NN SIZE C	OLLAR ON WAY IN			
		VE OLD SQUEEZE HOLE					TH.		
01-07-12	<u> </u>	ST OF 4 1/2" 10.5# CASIN	IG T	AGGED B	M AND PI	CKED UP 1'			
		VELDED ON 1/2 BORE C							
		ELL HEAD AND FLANGE							
		77 BBL WATER HAD CIR							
	·····	COMMON CEMENT FOL							
	DED AND HEL	D HAD CIRC THOUGHT	JOE	CASING V	VENT ON S	SLIGHT VAC AFTER JOB.			
SDON	MOULOGE							· · · · · · · · · · · · · · · · · · ·	
		CH WIRE LINE TIH WITI			AND PERI	F GUN			
		OH WITH WIRE LINE AND							
				GED UP O	N CEMENT	AND DRILL OUT TO BTM			
		TOH WITH TBG AND BIT		ND DEDE	OLINI				
		CH TIH WITH GAMMA RA LOG THROUGH XO COL				DEC AT 40001 40041			
		PERFING TOOLS	LAR	AND THE	SHUT PER	RFS AT 4802-4834			
		TBG SET PACKER AT 47	24'	I OADED B	S VND DDE	ESS TO FOO DSIC		WHENCY:	
<u> </u>						RFS AND BROKE AT 1800	DOIG		
		OF 15% HCL AND 88 BAL					7310		
		ON ISIP 650 PSI 5 MIN 37			VI O DI WIA	14751 010.			
		AND EAT DINNER TBG			PRESSURE	AFTER DINNER			
		TIH WITH TBG TO KNO				TEN DINNE	mere		
		DOWN ON SEALS							
SDON			***************************************						
		***************************************						W	
VENDOR		SERVICE	CC	ST					
PSI		SERVICE UNIT	\$	15,600.00					
LOG TECH		WIRE LINE TRUCK	\$	10,500.00					
BRADY WATER TRUCK			\$	2,500.00					
CONSOLIDATED CEMENT TRUCKS			\$	5,900.00					
ECWS		DRILL EQUIPMENT	\$	3,000.00					
SUNRISE		TK TBG		40,000.00					
PSI		LABOR WELDER	\$	250.00					
PSI		WATER TRUCK	\$	400.00	<u></u>			<u>.</u>	
PSI		ROUSTABOUTS	\$	1,200.00	DAILY CO		\$	79,350.00	
	PREVIOUS COST: 98,750.00								

COST TO DATE:

178,100.00

PETROSANTANDER (USA) INC.

	COANTAIN		7 11 10:	
WELL NAME:	PAULS ALLEY	AFE#:		
REPORTED BY:	RON KREGER	OPERATIONS I		
OBJECTIVE:	WORK OVER	REPORT DAY:	8	
RTD:	4900'	CSG. SIZE:	4 1/12" 10.5# TD COLLA	NRS
PBTD:	4841'	TBG. SIZE:	2 3/8" TK	
PERFS:	4802' - 4824'	FORMATION:	MORROW	
24 HOUR SUMMARY:				
TIH WITH INJ STRING A	AS FOLLOWS			
2 3/8" TAIL PIPE ON 4 1	/2" X 2 3/8" NICKEL CO	ATED PLASTIC LINI	ED PACKER	9.8'
147 JTS 2 3/8" TK TBG				4764.87'
TOTAL AT KB =				4774.67'
TBG SET 2' BELOW KB	=			4776.67'
FLUSHED BACK SIDE V	VITH 60 BBL 2% KCL W	ITH PACKER FLUID	SET PACKER	
AND PRESSURED TO 5	00 PSIG HELD OK			
RELEASED PRESSURE	BACK TO 300 PSIG FC	OR MIT		
RDMO PSI RIG 2				
JOB COMPLETED				
PLUMBED WELL HEAD	AND PUT ON LINE AT	1000 BPD RATE		**************************************
	. Or management		7,474.	
	· · · · · · · · · · · · · · · · · · ·		1.0000000	
			The state of the s	
	71117111111111111111111111111111111111			
VENDOR	SERVICE	COST		
PSI 2	SERVICE UNIT	\$ 3,900.00		
SAMS	PACKER & MAN	\$ 6,000.00		
HEATWAVES	TRUCK & FLUID	\$ 800.00		
		D.	AILY COST:	\$ 10,700.00
		PI	REVIOUS COST:	178,100.00
		C	OST TO DATE:	\$ 188,800.00

PET	ROSANTANI	DER (USA	A) INC						
WELL NAME:		FE#:							
REPORTED BY:	GORDON A. O	PERATIONS DATE	('S):	MAY 4 - 2012					
OBJECTIVE: RUN (The state of the s	EPORT DAY ('S):		1					
RTD:				12.6# CHROME TOP 42	270'				
PBTD:		BG. SIZE	2 3/8" TH						
PERFS:		ORMATION:	MORRO	W					
SUMMARY OF WOR									
	CKS WELL SRV. D D TOH W/ TBG AND PKR	ISASSEMBLED FL	OW LINE	3,994%					
TIH W/ PKR AND TBO									
	L AS I PKR W/ 2' TAIL PIP	E, PROFILE NIPPL	E AND ON-	OFF TOOL		3.35'			
147 JTS OD EUE 8RD TK-15 TBG									
TOTAL LENGTH @ K	(B =				4773	3.22'			
TBG SET 2' BELOW	KB =				4775	5.22'			
MIRU HEATWAVES V	N/ 130 BBL PKR FLUID								
CIRCULATED 110 BE	BL PKR FLUID, SET PKR,	PACKED OFF AND	PRESSUR	ED TO 500# - HELD	****				
BLED PRESSURE DO	OWN TO 300#	RDMO H	EATWAVE	S					
REASSEMBLED FLO	W LINE AND POL								
RDMO PSI RIG 2									

		· · · · · · · · · · · · · · · · · · ·							
		White is							
						-			
					- 0.00				
COST SUMMARY:						-			
VENDOR	SERVICE	COST		· · · · · · · · · · · · · · · · · · ·					
PSI RIG 2	SERVICE UNIT	\$3,300.0	0						
HEATWAVES	PUMP TRUCK	\$1,000.0							
SAMS	PKR REDRESS/ON-OFF								
				NAME OF TAXABLE PARTY O					
					-				
			COST TH	IIS REPORT:	¢ 0.200				
3880 - 100 - 11 - 11 - 11 - 11	-		PREVIOU		\$ 8,300	.uu			
			COST TO		\$ 8,300	00			
			10001 10	PAIL.	ψ 0,300	.00			