## KANSAS CORPORATION COMMISSION ORIGINAL Form ACO-1 October 2008 OIL & GAS CONSERVATION DIVISION

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

OPERATOR: License # 32198	API No. 15 - 093-20598 - 000
Name: PETROSANTANDER (USA) INC	Spot Description:
Address 1: 6363 WOODWAY DR SUITE 350	CSE_SE_Sec. 12_Twp. 21_S. R. 35_
Address 2:	660 Feet from North / South Line of Section
City: HOUSTON State: TX Zip: 77057 +	Feet from 🔽 East / 🗌 West Line of Section
Contact Person:LILIANA HERNANDEZ	Footages Calculated from Nearest Outside Section Corner:
Phone: (713) 784-8700 KANSAS CORPORATION COMMISSION	□NE □NW ☑SE □SW
CONTRACTOR: License # 5142	County: KEARNY
Name: STERLING DRILLING JUL 13 ZUUS	Lease Name: CHRISTABELLE (MORROW) UNIT Well #: LINVILLE 1
Wellsite Geologist: RECEIVED	Field Name: CHRISTABELLE
Purchaser:	Producing Formation: TOPEKA
Designate Type of Completion:	Elevation: Ground: 3073' Kelly Bushing: 3078'
New Well Re-Entry Workover	Total Depth: 4212' Plug Back Total Depth: 4148'
Oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 530' Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set: 1950' Feet
Dry✓ Other WATER SUPPLY WELL (Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from:1950'
If Workover/Re-entry: Old Well Info as follows:	feet depth to: SURFACE w/ 200 sx cmt.
Operator: PETROSANTANDER (USA) INC	Drilling Fluid Management Plan
Well Name: LINVILLE 1	(Data must be collected from the Reserve Pit)
Original Comp. Date: 02/04/1979 Original Total Depth: 4950'	Chloride content:ppm Fluid volume:bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back:Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	·
Dual Completion Docket No.:	Operator Name:
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:
06/24/2007 06/26/2007 07/02/2007	QuarterSecTwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas 67202, within 120 days of the spud date, recompletion, workover or corn of side two of this form will be held confidential for a period of 12 months if requitality in excess of 12 months). One copy of all wireline logs and geologist well BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	oversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information ested in writing and submitted with the form (see rule 82-3-107 for confidence of the state of the
All requirements of the statutes, rules and regulations promulgated to regulate the are complete and correct to the best of my knowledge.	e oil and gas industry have been fully complied with and the statements herein
Ilian Maranal	
Signature:	KCC Office Use ONLY
Title: SENIOR ENGINEER Date:	Letter of Confidentiality Received
Subscribed and sworn to before me this day of	, If Denied, Yes Date:
$\frac{\partial Q}{\partial q}$ . (1) $\frac{\partial Q}{\partial q}$ .	Wireline Log Received
	RISTINA RIVAS ——Geologist Report Received
Ancil C 20 My Co	ommission Expires   Old Distribution
Pare Commission Expires.	April 05, 2013

#### Side Two

Operator Name: PE	TROSANTAND	ER (US	A) INC	Lease	Name: _	CHRISTABELLE	(MORROW)	UNIT Well #: L	INVILLE	Ξ1
	21 <sub>S. R.</sub> 35			County: KEARNY						
time tool open and or recovery, and flow ra	how important tops at losed, flowing and sho ates if gas to surface to al geological well site	ut-in pressu est, along v	ires, whether s	hut-in pres	sure rea	ched static level	, hydrostatic	pressures, bottor	n hole tem	nperature, fluid
Drill Stem Tests Taken Yes  No (Attach Additional Sheets)				<b>√</b> L	og Formatio	on (Top), Dep	epth and Datum Sa		Sample	
Samples Sent to Geological Survey			es 🗹 No	Name HEEBNER				Тор 3891'		Datum -813'
_		☐ Y€	Yes ☑ No LAN		NSINA ARMATON		3944' 4460'		-866' -1382'	
(Submit Copy)  List All E. Logs Run: KANSAS CORRESTION COMMISS		Vicio	CHEROKEE SD MORROW SD				4600' 4821'		-1522' -1743	
	JUL 1 5 2009				MIS	SISSIPPI		4892'		-1814'
	RECE		07.07.10	RECORD		ew Used ermediate, product	tion, etc.			
Purpose of String	Size Hole Drilled		Size Casing W		ght / Ft.	Setting Depth	Type o			e and Percent Additives
SURFACE	NONE/EXISTING	8-5/8"		existing		530'	existing	350		
		5-1/2"		15.5#		4212'	LITE/AS	SC 500/300	)	
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD				
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD	Depth Top Bottom	Type of Cement		#Sacks	Sacks Used		Туре	Type and Percent Additives		
Plug Off Zone										
Shots Per Foot	PERFORATION RECORD - Bridge Plugs S Specify Footage of Each Interval Perforal								Depth	
6	6 3010' - 3926' gross interval				Acid Job:					•
31 Intervals 219 feet Perfs				15% HCL w/ gell			leg water			
						rock salt & 2% KCL Flush				
						Flushed w/ 14 bbl				
TUBING RECORD:	Size: 2-7/8"	Set At: 3521.2	29'	Packer At	t:	Liner Run:	Yes	∕ No	·	1
Date of First, Resumed	Production, SWD or En		Producing Metho	_	Flowing				ther (Explain	7)
Estimated Production Per 24 Hours	Oil	Bbls.	Gas M	Mcf	Wate		bls.	Gas-Oil Ratio	- (-npion	Gravity
DISPOSITI	ON OF GAS:		М	ETHOD OF	COMPLE	TION:		PRODUCT	ION INTER	RVAL:
☐ Vented ☐ Solo	Used on Lease		pen Hole <b>7</b> ther (Specify)	Perf.	Dually	Comp. Con	nmingled			

# ALLIED CEMENTING CO., INC.

2850×

RUSSELL, KANSAS 67665		SERV	On k	11465
DATE 12 215 354)	CALLED OUT	ON LOCATION	JOB START	
LEASE LINE WELL# # 2 LOCATION STORE	Lineary Ed.	1.00	COUNTY	STATE
OLD ORNEW (Circle one)	4			<u> </u>
CONTRACTOR SHEET RISKS	OWNER	5 KW 6		
TYPE OF JOB Pand . Aline Thomas (51)	OWINDI	2 10 10 10		
HOLE SIZE 7 7/8 T.D. LIDIO	CEMENT			
CASING SIZE 5 15 5 DEPTH 41 188	AMOUNT ORD	ERED 300	eta Mis	と えうぶん
TUBING SIZE DEPTH		(-th. ) = 1		32
DRILL PIPE DEPTH	50056	4.403	12 4 6 him	2+ 11/- E
TOOL DEPTH				β
PRES. MAX MINIMUM 17	COMMON		@	
MEAS. LINE SHOE JOINT, 40	POZMIX		@ , e	- O.
CEMENT LEFT IN CSG. 46-	GEL	6	@ (6	90
PERFS.	CHLORIDE		@ 90	4400
DISPLACEMENT 98.73 BELS	ASC	300	@ 1420	Canada San
EQUIPMENT	1.76	500	@ 11=5	5625
PUMPTRUCK CEMENTER FORTY			@	
# 4 7 HELPER CONCE WINN	500 (500)	4 1500	@ <u>.70</u>	1000
DILL CTDUCK			@	
# 399 DRIVER LONGER	39	16 64	6 62	307
BULK TRUCK	466	5000K	0 100	500
BULK TRUCK # 394 DRIVER	10-240		@ 0 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	7:0
REV	HANDLING	935	. 🖭	1776
	MILEAGE	00 4 5 84	100 , 1 <i>1</i>	6395
REMARKS:			TOTAL	2097R
MIN SOOKA WINT LOAMS IN AL	•			
15-15-12 RH. Mr. GOSTAN Kide	でん、おししていたし	SERVIC	Œ	
to turn 300 are Ack 2 Soud 10%	2 K 17			
The delega worsh and proper where	DEPTH OF JOB		L.d (	87 :
By along the de word list	, PUMP TRUCK (	CHARGE		(675
- 1560x 1-000 3000	EXTRA FOOTA	GE	@	
they will come to be seened	MILEAGE	76	@ 600	4569
- the down on the stemmer	MANIFOLD L	brend	@	100
	4		@	
	Croco		. @	
CHARGETO: PORTES SANGLANDER USA				
STREET			TOTAL	2323
CITYSTATEZIP		1.3		
3P		UG & FLOAT	EQUIPMEN	T e e
· · · · · · · · · · · · · · · · · · ·		Twownt.		260
	1. C. Was	6.5 Kag	@	1705
$\supset \gamma \searrow$	2. BAER	*15	@ 145	330
To Allied Cementing Co., Inc.	6- Sent	<u> </u>	@ 5094	300
You are hereby requested to rent cementing equipment (	1- 600	ve filing	@	592
and furnish cementer and helper to assist owner or			-@	
contractor to do work as is listed. The above work was	$\sim$			9.30
done to satisfaction and supervision of owner agent or			TOTAL	1119
contractor. I have read & understand the "TERMS AND				
CONDITIONS" listed on the reverse side.	TAX	·		
	TOTAL CHARG	Ē		
	DISCOUNT	)	וב הא זר	IN 30 DAYS
A CONTRACTOR OF THE PARTY OF TH			IC PAIL	LIV BU DA : A
and the same of th	7			
SIGNATURE	++1	FILM E	<i>/</i> <b>/</b>	

# ALLIED CEMENTING CO., INC.

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT:	26725 <u>Vy Ks</u>
DATE 8 - 17.07 SEC 2 TWP. RANGE C	ALLED OUT	ON LOCATION 9.'cre	JOB START	JOB FINISH,
LEASE CINICLE WELL# / LOCATION FINAL!	Sca-7-7 C-7 C	15 16 W	COUNTY	STATE
OLD OR NEW (Circle one) 25 1/2 W		<i>".</i> " / O <u>C</u>		
0-1-2-				
CONTRACTOR FOS / MASTIN  TYPE OF IOR SOLFEZ F	OWNER Sa	E		
TYPE OF JOB SALEEZ F HOLE SIZE T.D.	CEMENT			
CASING SIZE 5/ 15 5 DEPTH	AMOUNT ORE	ERED <u>500</u>	5/ Con -	3% CC
TUBING SIZE 7% 64 DEPTH		150 6	140_6º	& GEC
DRILL PIPE DEPTH		)	1/150	5/2 CS-
TOOL OGY ALCO DEPTH	COMMON	1.4/0	@ 12.60	1764
PRES. MAX MINIMUM. MEAS. LINE SHOE JOINT	COMMON POZMIX	60	@ (040	280
CEMENT LEFT IN CSG. 160'	GEL	8 3 X	@ 16.25	133
PERFS. 7.50	CHLORIDE	53/6	@ 41.60	233
DISPLACEMENT	ASC		_ @	
EQUIPMENT	CONTROL COLORS SON		_@	
		<u>e Céce 380</u>	30 <u>2.00</u> 0	760
PUMP TRUCK CEMENTER /3 or / MAX	JL 15 2003	,		1, 4, 4, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,
# HELPER (JA)	CEIVED			
			@	,
# 773/305 DRIVER CONCLETED		,	_ @	
# DRIVER	CANDING	7.5		94083
	HANDLING MILEAGE()	9:0	_ @ 7.79	\$/350/30
REMARKS:	1411007100	<del></del>	TOTA	-(/353=
Sat Sand			101748	
34/30		SERVI	CE	
My 150 3K 60/40				
21,x 50 5/ Cm	DEPTH OF JOB			
Wach Finding Line	PUMP TRUCK			78/5
Disp 7 Boy WBB	EXTRA FOOTA		_@6<	100
Pund 1 BB 1555 RSI DE LACE	MILEAGE MANIFOLD	_/	- @ <del>( , 50 .</del>	\$78-18 N
POIN LOACE 5'3	MANIFOLD	/	@	A Primary Cons.
			@	
CHARGE TO: FIRO SANAVAER				ب ن
			TOTAL	1612 =
STREET				,
CITYSTATEZIP	P	LUG & FLOAT	LEQUIPMEN	$\mathbf{T}$
* . · · · · · · · · · · · · · · · · · ·			@	
			_ @	
To Allied Cementing Co., Inc.			_ @	
You are hereby requested to rent cementing equipment			@	
and furnish cementer and helper to assist owner or				
contractor to do work as is listed. The above work was	-		TOTAL	
done to satisfaction and supervision of owner agent or			101/10	
contractor. I have read & understand the "TERMS AND	TAX		_	
CONDITIONS" listed on the reverse side.		מיר		
	TOTAL CHAR			Addition to
	_DISCOUNT	·	IF PAI	DIN 30 DAYS
	1 -1 - 1	6.61	\$ •	
SIGNATURE	TENT DULL	£.41	,	
SIGNATORE	4 2		ED NAME	

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PETROSANTANDER

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