

ORIGINAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 32198

Name: PETROSANTANDER (USA) INC

Address 1: 6363 WOODWAY DR SUITE 350

Address 2: _____

City: HOUSTON State: TX Zip: 77057 + _____

Contact Person: LILIANA HERNANDEZ

Phone: (713) 784-8700

CONTRACTOR: License # 5142 **RECEIVED**

Name: Sterling Drilling CO. **OCT 01 2009**

Wellsite Geologist: _____

Purchaser: KCC WICHITA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil SWD SIOW
- Gas ENHR SIGW
- CM (Coal Bed Methane) Temp. Abd.
- Dry Other _____
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr. Conv. to SWD

Plug Back: _____ Plug Back Total Depth _____

Commingled Docket No.: _____

Dual Completion Docket No.: _____

Other (SWD or Enhr.?) Docket No.: _____

04-10-2008 04-23-2008 05-13-2008

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - 119-21203-0000

Spot Description: _____

SE SE SW Sec. 2 Twp. 33 S. R. 30 East West

658' Feet from North / South Line of Section

1981' Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

County: MEADE

Lease Name: STEVENS UNIT Well #: SMU - 214

Field Name: STEVENS

Producing Formation: MISSISSIPPI

Elevation: Ground: 2718' Kelly Bushing: 2729'

Total Depth: 5980' Plug Back Total Depth: 5954'

Amount of Surface Pipe Set and Cemented at: 1513' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ **AHT- Dig - 10/2/09**

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm Fluid volume: 819 bbls

Dewatering method used: EVAPORATION

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Liliana Hernandez

Title: SENIOR ENGINEER Date: 05-29-2009

Subscribed and sworn to before me this 29 day of September,

09

Notary Public: Christina Rivas

Date Commission Expires: April 5, 2013

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

Distribution

CHRISTINA RIVAS
Notary Public, State of Texas
My Commission Expires **April 05, 2013**

Operator Name: PETROSANTANDER (USA) INC Lease Name: STEVENS UNIT Well #: SMU - 214
 Sec. 2 Twp. 33 S. R. 30 East West County: MEADE

INSTRUCTIONS: Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: LITHOLOGY STRIP LOG DUAL INDUCTION LOG MICRORESISTIVITY LOG DUAL COMPENSATED POROSITY LOG	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>SWOPE</td> <td>5017'</td> <td>-2288'</td> </tr> <tr> <td>MARMATON</td> <td>5210'</td> <td>-2481'</td> </tr> <tr> <td>PAWNEE</td> <td>5326'</td> <td>-2597'</td> </tr> <tr> <td>CHEROKEE</td> <td>5388'</td> <td>-2659'</td> </tr> <tr> <td>ATOKA MARKER</td> <td>5519'</td> <td>-2790'</td> </tr> <tr> <td>MORROW SD</td> <td>5717'</td> <td>-2988'</td> </tr> <tr> <td>MISSISSIPPIAN</td> <td>5801'</td> <td>-3073'</td> </tr> </table>	Name	Top	Datum	SWOPE	5017'	-2288'	MARMATON	5210'	-2481'	PAWNEE	5326'	-2597'	CHEROKEE	5388'	-2659'	ATOKA MARKER	5519'	-2790'	MORROW SD	5717'	-2988'	MISSISSIPPIAN	5801'	-3073'
Name	Top	Datum																							
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MISSISSIPPIAN	5801'	-3073'																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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
SURFACE	12-1/4"	8-5/8"	24#	1513'	POZ CLASS A/ COMMON	450/150	3% CC/ 3%CC
PRODUCTION	7-7/8"	5-1/2"	15.5#	5973'	AA-2	375	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
			RECEIVED OCT 01 2009 KCC WICHITA	RECEIVED OCT 01 2009 KCC WICHITA

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)	Depth
4	5818' - 5838'	Acid Job (5876' - 5880')	
	5876' - 5880'	1500 gal 28% HCL Acid 36 bbls	
		Pumped Acid at 4.1 BPM at 50psi	
		Total Load: 119 bbl.	

TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>5889'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>07-21-2008</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbbs. <u>2.52</u>	Gas Mcf <u>0</u>	Water Bbbs. <u>1.68</u> Gas-Oil Ratio <u>0</u> Gravity <u>1.4</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>5818' - 5838'</u> <u>5876' - 5880'</u>
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TREATMENT REPORT

Customer <u>Petrosantander</u>		Lease No.		Date	
Lease <u>SMU</u>		Well # <u>214</u>		2-17-09	
Field Order # <u>21061</u>	Station <u>Liberal 1975</u>	Casing <u>5 7/8</u>	Depth <u>5954</u>	County <u>Meade</u>	State <u>KS</u>
Type Job <u>ACEW</u>			Formation <u>Mississippi</u>	Legal Description <u>Sec 2-33-30</u>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <u>5 7/8</u>	Tubing Size <u>4 1/2</u>	Shots/Ft		Acid <u>15% MCA</u>		RATE	PRESS	ISIP
Depth <u>5900</u>	Depth <u>5804</u>	From <u>5818</u>	To <u>5838</u>	Pre Pad		Max <u>4</u>	<u>46</u>	5 Min. <u>Vac</u>
Volume <u>3</u>	Volume <u>33</u>	From <u>5876</u>	To <u>5900</u>	Pad		Min <u>1.2</u>	<u>Vac</u>	10 Min. <u>A</u>
Max Press <u>300</u>	Max Press <u>300</u>	From	To	Frac		Avg <u>3.6</u>	<u>19</u>	15 Min. <u>C</u>
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth <u>5454</u>	Packer Depth	From	To	Flush <u>2% HCL 1400</u>		Gas Volume		Total Load <u>95</u>

Customer Representative <u>Giordon Austin</u>		Station Manager <u>Jeremy Bennett</u>		Treater <u>Eril Chavez</u>	
Service Units <u>30463</u>	<u>198413</u>	<u>12999</u>	<u>19857</u>	<u>19876</u>	
Driver Names <u>Eury</u>	<u>Humphries</u>	<u>Donnic C.</u>		<u>Eril C.</u>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30					arrive on loc
7:45					assessment of loc
7:55					Spot in Equipment
8:20					Rig-up
8:50					Pre-Sub Safety Meeting
9:14					Test Lines 21000 psi
9:17		9	5	2.5	210 gals Acid
9:27		32	36	3.6	1512 gals Acid on bit
9:32		33	48	3.6	2016 gals Acid Complete
9:34		46	66	3.6	2772 gals Flush Back Side
9:45		Vac	73	1.2	3066 gals Flush Tbg
9:45					Break loose wait 30min Customers orders
10:15					Run Pipe spot Fluid level
10:32		18	89	3.2	3738 gals Flush Back Side
10:43		13	95	4	3990 gals Flush Tbg
10:50					Rig-Down
11:30					Leave Loc

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Thanks for Calling BES
Eril Chavez & Crew

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TREATMENT REPORT

Customer <i>Petrosantander</i>	Lease No.	Date <i>5.7.8</i>
Lease <i>SMD</i>	Well # <i>214</i>	
Field Order # <i>20573</i>	Station <i>Liberal,</i>	Casing <i>5 1/2</i>
		Depth <i>5818</i>
Type Job <i>Acid</i>	Formation	County <i>Moade</i>
		State <i>KS</i>
		Legal Description <i>2-33-30</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing <i>5 1/2</i>	Tubing Size	Shots/Ft		Acid <i>20% HCL Perm Acid x 7A 30</i>	RATE	PRESS	ISIP <i>1000</i>
Depth <i>5818</i>	Depth	From <i>5818</i>	To <i>5829</i>	Pre-Pad <i>Pd Gel 300</i>	Max		5 Min. <i>875</i>
Volume <i>738</i>	Volume	From	To	Pad	Min		10 Min. <i>800</i>
Max Press	Max Press	From	To	Frac	Avg		15 Min. <i>690</i>
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Vol		Total Load <i>3056615</i>

Customer Representative	Station Manager <i>Jerry Bennett</i>	Operator <i>Ismael Chavez</i>
Service Units <i>19891 19825 19919 19615 19835</i>		
Driver Names <i>J. Chavez Santiago K. Santiago B.</i>		

Time	Casing Pressure	Tubing Pressure	Ebls. Pumped	Rate	Service Log
<i>1045</i>					<i>Arrive on Location</i>
<i>1100</i>					<i>Safety Meeting - Rig Up</i>
<i>330 pm</i>					<i>Pressure Test</i>
<i>336 pm</i>	<i>0</i>		<i>23.8</i>	<i>4.5</i>	<i>Pump Acid</i>
<i>342 pm</i>	<i>0</i>		<i>23.8</i>	<i>11.5</i>	<i>Pump Gel</i>
<i>348 pm</i>	<i>0</i>		<i>23.8</i>	<i>4.5</i>	<i>Pump Acid</i>
<i>354 pm</i>	<i>0</i>		<i>23.8</i>	<i>11.5</i>	<i>Pump Gel 15 Balls</i>
<i>400 pm</i>	<i>0</i>		<i>23.8</i>	<i>11.5</i>	<i>Pump Acid</i>
<i>404 pm</i>	<i>850</i>		<i>23.8</i>	<i>6.3</i>	<i>Pump Gel 15 Balls</i>
<i>408 pm</i>	<i>900</i>		<i>23.8</i>	<i>6.3</i>	<i>Pump Acid</i>
<i>415 pm</i>	<i>950</i>		<i>23.8</i>	<i>6.3</i>	<i>Pump Gel 15 Balls</i>
<i>500 pm</i>	<i>1000</i>		<i>114</i>	<i>6.3</i>	<i>Flush</i>
					<i>Shut in well w/ 1050 psi</i>
<i>600 pm</i>					<i>Job Complete</i>

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TREATMENT REPORT

Customer Petrosantander	Lease No.	Date 5-2-08
Lease SMU	Well # 2-14	
Field Order # 201648	Station Liberal	Casing 5 1/2 Depth
Type Job Acid	(ACEW)	County Meade State Ks
	Formation Mississippi	Legal Description 2-33 S-30 W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 7/8	Shots/Ft		Acid 28% MCA		RATE	PRESS	ISIP VAC
Depth	Depth	From 5876	To 5880	Pre Pad		Max 1.3	1564	5 Min.
Volume	Volume	From	To	Pad		Min .25	VAC	10 Min.
Max Press	Max Press 2000	From	To	Frac		Avg 1	1100	15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Treated H₂O		Gas Volume		Total Load 38.9

Customer Representative Ken Kresney	Station Manager Jerry Bennett	Treater Jeremy Beasley
Service Units 19922 19884 19815		
Driver Names Donnie	Jeremy	Jim

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0845					
0840	2000				
0843		VAC		1.2	Pressure Test Lines
0853		VAC	9.6	1.2	Start Acid
0858		0	15.9	1.3	Start Flush
0903		0	21.9	1.2	pumping flush
0908		0	28.1	1.2	pumping flush
0909		1000	29.1	.25	loaded hole
0914	1014	1000	29.2		breaking down hole formation
0919		1034	29.4		breaking down formation
0925		1014	29.5		letting psi drop to 500psi, continue breaking
0941		953	29.9	.25	down hole
0946		1067	30.8	.26	pumping flush
0951		1168	32.2	.26	pumping flush
0956		897	33.4	.26	pumping flush
1001		1178	34.6	.25	pumping flush
1004		1495	35.7	.55	increase psi / rate
1006		VAC	36.8	2.3	formation broke
1008		VAC	38.9		shut down to move pkr

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TREATMENT REPORT

Customer Petrosantander USA	Lease No.	Date 5-2-08
Lease SMU	Well # 2-14	
Field Order # 20648	Station Liberal	Casing 5 1/2
Type Job Acid Ball Job (ACEW)	Formation Mississippi	Legal Description 2-339-30x
	Depth	County Meade
		State Ks

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 7/8	Shots/Ft		Acid 28% MCA	RATE	PRESS	ISIP	503
Depth	Depth	From 5818	To 5838	Pre Pad	Max 4.2	1326	5 Min.	370
Volume	Volume	From	To	Pad	Min 3.5	VAC	10 Min.	293
Max Press	Max Press 2000	From	To	Frac	Avg 4.0	1100	15 Min.	240
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush Treated Water	Gas Volume		Total Load 134.6	

Customer Representative Ron Kregel	Station Manager Jeremy Bennett	Treater Jeremy Brasley
Service Units 19922 19884 19815		
Driver Names Donnie Jeremy Tim		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1124	111			3.5	loading backside w/ salt water
1129	83		22.4	3.9	pumping water to backside
1134	78		40.5	3.9	pumping water to backside
1138	142		53.4		loaded backside
1149		VAC		4.1	Start Acid
1152		27	8.7	4.0	Start Balls
1158		1196	32.6	3.9	start flush
1203		1237	50.2	4.1	pumping flush
1208		1134	71.3	4.2	pumping flush
1210		503	81.2		shutdown/ISIP
1215		370			5 min check
1220		293			10 min check
1225		240			15 min check

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TREATMENT REPORT

Customer Petrosantander		Lease No.		Date 4/25/08	
Lease SMU		Well # 214			
Field Order # 20521	Station Liberal	Casing 5 1/2	Depth 5780'	County Meade	State KS
Type/Job 517 Longstring CWV			Formation	Legal Description 2-33-30	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 375 gal AA-2	RATE 10% salt	PRESS 16.75 F1A-115	ISIP 5# gal
Depth 5773	Depth	From	To	Pre Pad 1/4 deformer	Max 15#		
Volume 141.64	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	RECEIVED		15 Min.
Well Connection 1 1/2"	Annulus Vol.	From	To		OCT 0 11-17-2009		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush Fresh	Gas Volume		Total Load

Customer Representative Ron Craig	Station Manager Jerry Bennett	Treater Chad & crew
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Service Units	19865	19828	19919	19928	19682				
Driver Names	Chad / Arrington		D. McCully						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4/24/08	on loc	@ 23:00			spot trucks, softag mtg.
4/25/08					
03:10					Start F.E.
04:06					Finish F.E.
07:30					break Circ on bottom
08:55					Hook up
09:03	100	100	12	3	start superflush
09:07	100	100	5	3	Pump 120 spacer
09:10	100	100	0	3.8	start mix AA-2 @ 15#
09:54	0	0	90	-	shot down drop plug
					Plug R+M; washup to prt
10:00	0		0	5	start diso.
10:26	1100		131	3	Slow Rate
10:29	1300-1900		142	-	Plug down
10:31	1900-0				Release Psi, Chad held
					Job Complete
					Thank You
					Chad & crew

