

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
Name: STERLING DRILLING
Wellsite Geologist: _____
Purchaser: _____
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover
 Oil _____ SWD _____ SLOW
_____ 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.: _____
07-03-2008 07-17-2008 11-11-2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 093-21833-0000
Spot Description: _____
_____ NW _____ NW Sec. 13 Twp. 21 S. R. 35 East West
470 Feet from North / South Line of Section
1000 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: KEARNY
Lease Name: CHRISTABELLE (MORROW) UNIT Well #: SCOTT 3-13R
Field Name: CHRISTABELLE
Producing Formation: MORROW
Elevation: Ground: 3089' Kelly Bushing: 3100'
Total Depth: 5010' Plug Back Total Depth: 4974'
Amount of Surface Pipe Set and Cemented at: 528' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1949' Feet
If Alternate II completion, cement circulated from: 1949'
feet depth to: SURFACE w/ 500 sx cm.

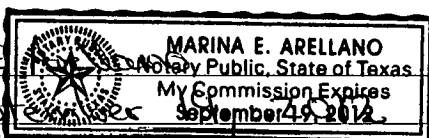
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 4800 ppm Fluid volume: 460 bbls
Dewatering method used: EVAPORATION
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

Alt 2 - Dig - 10/2/09

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: Liiana Hernandez
Title: SENIOR ENGINEER Date: 09-25-2009

Subscribed and sworn to before me this 25 day of September,
2009.
Notary Public: Marina E. Arellano
Date Commission Expires: September 4, 2012



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution
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Operator Name: PETROSANTANDER (USA) INC Lease Name: CHRISTABELLE (MORROW) UNIT Well #: SCOTT 3-13R
 Sec. 13 Twp. 21 S. R. 35 East West County: KEARNY

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: DUAL COMPENSATED POROSITY LOG COMPUTER PROCESSED INTERPRETATION MICRORESISTIVITY LOG SONIC CEMENT BOND LOG DUAL INDUCTION 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>LANSING</td> <td>3942'</td> <td>-842'</td> </tr> <tr> <td>CHEROKEE</td> <td>4628'</td> <td>-1528'</td> </tr> <tr> <td>MORROW</td> <td>4830'</td> <td>-1730'</td> </tr> <tr> <td>MORROW SD</td> <td>4894'</td> <td>-1794'</td> </tr> <tr> <td>MISSISSIPPI</td> <td>4907'</td> <td>-1807'</td> </tr> </table>	Name	Top	Datum	LANSING	3942'	-842'	CHEROKEE	4628'	-1528'	MORROW	4830'	-1730'	MORROW SD	4894'	-1794'	MISSISSIPPI	4907'	-1807'
Name	Top	Datum																	
LANSING	3942'	-842'																	
CHEROKEE	4628'	-1528'																	
MORROW	4830'	-1730'																	
MORROW SD	4894'	-1794'																	
MISSISSIPPI	4907'	-1807'																	

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#	528'	POZ 60/40	350	2%GEL/3%CC/1/4#CELLO FLAKE
PRODUCTION	7-7/8"	5-1/2"	15.5#	5004'	POZ 60/40	500	6% GEL

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

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
2	4894' - 4907'	0.5# Sand at 12.5BPM at 2974psi 1# Sand at 12.5BPM at 4000psi Max Press: 4500psi ISIP: 3600psig, 5 min/ 607 psig, 10 min 554 psig, 15 min.	

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TUBING RECORD: Size: <u>2-7/8"</u> Set At: <u>4888'</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>11/20/2008</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>0</u>	Gas Mcf <u>0</u> Water Bbbs. <u>79</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>4894' - 4907'</u>
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Customer <i>Petroleum</i>	Lease No.	Date <i>11-6-08</i>
Lease <i>Scott</i>	Well # <i>3-13R</i>	
Field Order # <i>2127</i>	Station <i>Liberal 1975</i>	Casing <i>3 1/2"</i>
Type Job <i>Frac (New Well)</i>	Depth <i>2907</i>	County <i>McPherson</i>
	Formation <i>Murrow</i>	State <i>KS</i>
		Legal Description <i>73-21-35</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>3 1/2"</i>	Tubing Size <i>2 7/8"</i>	Shots/Ft		Acid		RATE	PRESS	ISIP <i>3200</i>
Depth <i>2907</i>	Depth <i>2789</i>	From	To	Pre Pad <i>PROG-12240</i>	Max	<i>12.5</i>	<i>4500</i>	5 Min. <i>607</i>
Volume <i>2.5</i>	Volume <i>2772</i>	From	To	Pad	Min	<i>12.5</i>	<i>100</i>	10 Min. <i>554</i>
Max Press <i>5000</i>	Max Press <i>5500</i>	From	To	Frab	Avg	<i>5</i>	<i>3500</i>	15 Min. <i>544</i>
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Fracture Depth <i>2789</i>	From	To	Flush <i>LG400</i>	Gas Volume			Total Load <i>212.6</i>

Customer Representative <i>Roy Kieger</i>	Station Manager <i>Sean Bennett</i>	Treater <i>Eric Chaul</i>
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Service Units <i>8128 / 1967</i>	<i>14906</i>	<i>19576</i>	<i>19615</i>	<i>19921</i>	<i>19829</i>	<i>19804</i>	<i>19902</i>	<i>19812</i>
Driver Names <i>Mark P. Jose L. Jeremy B. Willy M. Donnie Carlie</i>							<i>Erik C</i>	<i>Bill A.</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					Arrive on Loc
11:11					Rig-up
11:30					Pre-sub Salty mixing
11:48		<i>4000</i>			Start sub (Test Lines)
11:52		<i>100</i>	<i>5</i>	<i>5</i>	Start Pad <i>210 gals</i>
11:54		<i>3000</i>	<i>26</i>	<i>12</i>	Hole loaded <i>1092 gals</i>
11:56		<i>2960</i>	<i>30</i>	<i>12</i>	Break to <i>1600 psi</i> <i>1260 gals</i>
12:06		<i>2974</i>	<i>143</i>	<i>12.5</i>	Treat with 5# sand <i>16130 gals</i>
12:09		<i>3000</i>	<i>177</i>	<i>12.5</i>	1.5# on Bottom <i>7434 gals</i>
12:12		<i>4800</i>	<i>210</i>	<i>1</i>	Sand off well Decrease Rate <i>8820 gals</i>
12:17		<i>4500</i>	<i>212.6</i>	<i>1</i>	Shutdown Flush <i>8929.2 gals</i>
12:17		<i>3600</i>			TSIP
12:22		<i>607</i>			5 min
12:27		<i>554</i>			10 min
12:32		<i>544</i>			15 min
					Rig-Down
					Leave Loc.

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BASIC

energy services, L.P.

TREATMENT REPORT

Customer PetroSantander	Lease No.	Date 7-3-08
Lease Scott	Well # 3-13	
Field Order # 18407	Station Pratt	County Keary
Type Job CNW - Surface	Casing 8 5/8	Depth 526
	Formation	State KS
		Legal Description 13-21-35

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft 350	Concent 350	Acid 60/40 POZ	1.25	RATE	PRESS	ISIP
Depth 526	Depth	From 290	To 61	Pre Pad	Max			5 Min.
Volume 33.5	Volume	From 390	To Calcium Chloride	Pad	Min			10 Min.
Max Press	Max Press	From 1/4	To 75% Calc Chloride	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	Flac	HHP Used			Annulus Pressure
Plug Depth 184	Packer Depth	From	To	Flush 31 bbl	Gas Volume			Total Load

Customer Representative **Bill** Station Manager **Dave Scott** Treater **Steve Deland**

Service Units 27273	19842/19889	19826/19860					
Driver Names Deland	Logley	Greenman					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00					On location - Safety meeting
					Run 12 Jts 8 5/8 casing 24"
					Insert float in JT #1
					Centralizers on JT #1
					Casing on bottom
					Hook up to casing
					Break circ w/rig
5:20	250		3	5	H2O Ahead
5:21	200		78	5	Mix 350sks 60/40 poz @ 14.75%
					Shut down
					Release plug
5:38	0		0	5	Start Displacement
5:45	700		31	5	plug Down - Held
					Circulation True Job
					Circulated 6 bbl cement top it
					Job Complete
					Thanks, Steve

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

ALLIED CEMENTING CO., LLC. 31560

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Oakley, KS

DATE <u>7/18/08</u>	SEC <u>13</u>	TWP. <u>21</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00 AM</u>	JOB FINISH <u>6:00 PM</u>
LEASE <u>SUPT</u>	WELL# <u>3-BR</u>	LOCATION <u>Frank Rd to Byrd Rd S. 2 miles</u>				COUNTY	STATE
OLD OR NEW (Circle one) <u>NEW</u>		<u>1 1/2 miles S. Frank</u>					

CONTRACTOR Starling OWNER Same

TYPE OF JOB Production String Top Stage

HOLE SIZE 7 1/8 T.D. 1

CASING SIZE 5 1/2 - 15.5 DEPTH 1997

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

CEMENT AMOUNT ORDERED 520 SKs 60/40 6570 g. 0
1/4 lb Flo Seal

COMMON	<u>300</u>	@	<u>15.45</u>	<u>4635.00</u>
POZMIX	<u>200</u>	@	<u>8.00</u>	<u>1600.00</u>
GEL	<u>26</u>	@	<u>20.00</u>	<u>540.00</u>
CHLORIDE		@		
ASC		@		
<u>125 lb Flo Seal</u>		@	<u>2.90</u>	<u>312.50</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>526</u>	@	<u>2.40</u>	<u>1183.20</u>
MILEAGE	<u>10 + 5K/mile</u>	@		<u>3945.00</u>
TOTAL				<u>12216.00</u>

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EQUIPMENT

PUMP TRUCK CEMENTER Alan - w 201

431 HELPER Wayne

BULK TRUCK

394 DRIVER Lennie

BULK TRUCK

_____ DRIVER _____

REMARKS:

Min 500 SKs Lite 60/40 1/4 lb Flo Seal
Displace 47 1/2 BBL sand plus @ 1700 lb
00 Tool Hold Cement Disk
Circled at -

Thank You

CHARGE TO: Petrio Santander

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 1997'

PUMP TRUCK CHARGE 1185.00

EXTRA FOOTAGE @ _____

MILEAGE NC

MANIFOLD @ _____

TOTAL 1185.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Ron Keyser

SIGNATURE Ron Keyser

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS