

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 SUITE 350  
Address 2: \_\_\_\_\_  
City: HOUSTON State: TX Zip: 77057 + \_\_\_\_\_  
Contact Person: LILIANA HERNANDEZ  
Phone: ( 713 ) 784-8700  
CONTRACTOR: License # 6389  
Name: WAKEFIELD DRILLING  
Wellsite Geologist: \_\_\_\_\_  
Purchaser: \_\_\_\_\_

Designate Type of Completion:  
\_\_\_\_ New Well \_\_\_\_ Re-Entry  
 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: PETROSANTANDER (USA) INC  
Well Name: COLLINGWOOD EDNA 1  
Original Comp. Date: 01-04-56 Original Total Depth: 03-21-56  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr. \_\_\_\_ Conv. to SWD  
\_\_\_\_ Plug Back: 5851' Plug Back Total Depth  
\_\_\_\_ Commingled Docket No.: \_\_\_\_\_  
\_\_\_\_ Dual Completion Docket No.: \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
03-04-2009 03-13-2009  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 119-00024-000001  
Spot Description: \_\_\_\_\_  
\_\_\_\_ \_NW\_ SW Sec. 1 Twp. 33 S. R. 30  East  West  
1980' Feet from  North /  South Line of Section  
660' Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: MEADE  
Lease Name: COLLINGWOOD EDNA Well #: 1  
Field Name: STEVENS  
Producing Formation: MORROW  
Elevation: Ground: 2715' Kelly Bushing: 2726'  
Total Depth: 5860' Plug Back Total Depth: 5851'  
Amount of Surface Pipe Set and Cemented at: 1519' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1519'  
feet depth to: SURFACE w/ 900

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

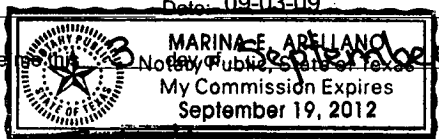
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KANSAS CORPORATION COMMISSION  
SEP - 8 2009  
CONSERVATION DIVISION  
WICHITA, KS

Wet Dig <sup>5x cm</sup> 9/5/09

**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: \_\_\_\_\_  
Title: LAND MANAGER Date: 09-03-09  
Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 2009.  
Notary Public: Marina E. Arellano  
Date Commission Expires: September 19, 2012



**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: PETROSANTANDER (USA) INC Lease Name: COLLINGWOOD EDNA Well #: 1  
 Sec. 1 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: <b>Laterolog Survey</b>	<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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>4422'</td> <td>-1699'</td> </tr> <tr> <td>Lansing</td> <td>4572'</td> <td>-1849'</td> </tr> <tr> <td>Marmaton</td> <td>5222'</td> <td>-2499'</td> </tr> <tr> <td>Cherokee</td> <td>5368'</td> <td>-2645'</td> </tr> <tr> <td>Morrow Sh</td> <td>5690'</td> <td>-2967'</td> </tr> <tr> <td>Morrow Sd</td> <td>5730'</td> <td>-3007'</td> </tr> <tr> <td>Mississippi</td> <td>5781'</td> <td>-3058'</td> </tr> </table>	Name	Top	Datum	Heebner	4422'	-1699'	Lansing	4572'	-1849'	Marmaton	5222'	-2499'	Cherokee	5368'	-2645'	Morrow Sh	5690'	-2967'	Morrow Sd	5730'	-3007'	Mississippi	5781'	-3058'
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CASING RECORD <input type="checkbox"/> New <input checked="" 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		8-5/8"	24#	1519'		900	
Production		5-1/2"	15.5#	5859'		150	

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				<b>RECEIVED</b> <b>KANSAS CORPORATION COMMISSION</b>  <b>SEP - 8 2009</b> <b>CONSERVATION DIVISION</b> <b>WICHITA, KS</b>

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount of Material Used)</i>	Depth
4	5733' - 5748'		
	5762' - 5766'		
	5771' - 5774'		
	5788' - 5793'		
	5829' - 5844'		

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>5741'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>04-13-2009</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 Bbls. <u>1</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u>	Gas-Oil Ratio <u> </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>5733' - 5844'</u>
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