

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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 # 33784  
Name: TRINIDAD DRILLING LIMITED PARTNERSHIP  
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.: \_\_\_\_\_  
10-10-2007    10-25-2007    10-30-2007  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 119-21186 -0000  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_NE\_SW\_NW Sec. 1 Twp. 33 S. R. 30  East  West  
1580' Feet from  North /  South Line of Section  
1100' Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: MEADE  
Lease Name: EDNA COLLINGWOOD Well #: 8  
Field Name: STEVENS  
Producing Formation: MORROW  
Elevation: Ground: 2719' Kelly Bushing: 2731'  
Total Depth: 5864' Plug Back Total Depth: 5836'  
Amount of Surface Pipe Set and Cemented at: 1516' 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/ \_\_\_\_\_

**Drilling Fluid Management Plan**  
*(Data must be collected from the Reserve Pit)*  
Chloride content: 9000 ppm Fluid volume: 1455 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.: \_\_\_\_\_

*ALP-1-Dlg - 7/29/06*

**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: 07-16-2007

Subscribed and sworn to before me this 16 day of July, 2009.

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  
 IUC Distribution

**RECEIVED**  
KANSAS CORPORATION COMMISSION  
**JUL 20 2009**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: PETROSANTANDER (USA) INC Lease Name: EDNA COLLINGWOOD Well #: 8  
 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: LITHOLOGY STRIP LOG DUAL COMPENSATED POROSITY LOG DUAL INDUCTION LOG SONIC CEMENT BOND LOG MICRORESISTIVITY 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>HEEBNER</td> <td>4414'</td> <td>-1683</td> </tr> <tr> <td>LANSING</td> <td>4545'</td> <td>-1814</td> </tr> <tr> <td>CHEROKEE</td> <td>5375'</td> <td>-2644</td> </tr> <tr> <td>MORROW SH</td> <td>5683'</td> <td>-2952</td> </tr> <tr> <td>MORROW SD</td> <td>5712'</td> <td>-2981</td> </tr> <tr> <td>MISSISSIPPI</td> <td>5774'</td> <td>-3043</td> </tr> </table>	Name	Top	Datum	HEEBNER	4414'	-1683	LANSING	4545'	-1814	CHEROKEE	5375'	-2644	MORROW SH	5683'	-2952	MORROW SD	5712'	-2981	MISSISSIPPI	5774'	-3043
Name	Top	Datum																				
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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		8-5/8"		1516'	POZ/ CLASS A	550/150	
PRODUCTION		5-1/2"	15.5#	5856'	ASC	275	

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
4	5714' - 5724'	ACIDIZE: 1000 gal 15% MCA (24bbls) ANHIB	
	5724' - 5738'	40 BBL. 2% KCL FLUSH, ISIP: VACUUM.	

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 CONSERVATION DIVISION  
 WICHITA, KS

TUBING RECORD: Size: <u>2-7/8"</u>	Set At: <u>5594'</u>	Packer At: <u>5609'</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>03/15/2008</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 Bbls. <u>0</u>	Gas Mcf <u>0</u>	Water Bbls. <u>171.3</u> Gas-Oil Ratio <u>0</u> Gravity

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>5714' - 5738'</u>
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# ALLIED CEMENTING CO., INC. 16610

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

SERVICE POINT: M. A. Perry

WELL NO. <u>11-07</u>	SEC. <u>1</u>	TWP. <u>33</u>	RANGE <u>30w</u>	CALLED OUT <u>7:00 AM</u>	ON LOCATION <u>11:00 AM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>6:00 PM</u>
WELL NAME <u>Un-cased</u>	WELL TYPE <u>8</u>	LOCATION <u>Plains KS</u>	<u>45 1/2</u>	COUNTY <u>W. COOKE</u>	STATE <u>KS</u>		
WELL ID OF NEW (Circle one)		<u>Road 5 2 1/2 E</u>					

CONTRACTOR Chesmanne 16

TYPE OF JOB Surface

PIPE SIZE 15 1/8" TD. 1518

ANNULUS SIZE 8 3/8" DEPTH 1518

PIPE SIZE DEPTH

PIPE DEPTH

PIPE MINIMUM

PIPE SHOE JOINT 40

CEMENT LEFT IN CSC 40

DISPLACEMENT 94 1/4 bbls water

OWNER Petrosantander USA

CEMENT

AMOUNT ORDERED 550 of 65/354 38cc

4 1/2" Flashed + 1500.1 A 3+2

EQUIPMENT

PUMP TRUCK CEMENTER Mary

TRUCK HELPER Tom

TRUCK DRIVER Jerry W

TRUCK DRIVER Mike B

COMMON	<u>150 A</u>	@ <u>12.60</u>	<u>1890.00</u>
POZMIX		@	
GEL	<u>4</u>	@ <u>16.65</u>	<u>66.60</u>
CHLORIDE	<u>23</u>	@ <u>46.60</u>	<u>1071.80</u>
ASC		@	
	<u>ALW 550</u>	@ <u>11.85</u>	<u>6517.50</u>
	<u>Flo Seal 138</u>	@ <u>2.00</u>	<u>276.00</u>
<b>RECEIVED</b>			
<b>JUL 20 2009</b>			
	<u>KOC WICHITA 761</u>	@ <u>1.90</u>	<u>1445.90</u>
MILEAGE	<u>55 x 7.61</u>	@ <u>2.09</u>	<u>3766.95</u>
			<b>TOTAL 15724.75</b>

REMARKS:

run on bottom - circulate

run 3 flash - mix 550 lbs + 1500 ft

cut down pump + release plug

float displacement slow rate

300m - 2 1/2" plug at 94 1/4 bbls

plug for 100' float metal + cement

circulate 13 1/2'

ORDER TO: Petrosantander

STATE KS ZIP 67665

SERVICE

DEPTH OF JOB	<u>1518</u>		
PUMP TRUCK CHARGE			<u>1610.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>55</u>	@ <u>6.00</u>	<u>330.00</u>
	<u>Head rental</u>	@ <u>100.00</u>	<u>200.00</u>
			<b>TOTAL 2046.00</b>

PLUG & FLOAT EQUIPMENT

MANIFOLD	@	
<u>1 guide shoe</u>	@ <u>250.00</u>	<u>250.00</u>
<u>1 float valve</u>	@ <u>335.00</u>	<u>335.00</u>
<u>1 - packer</u>	@ <u>220.00</u>	<u>220.00</u>
<u>1 - TRP</u>	@ <u>100.00</u>	<u>100.00</u>

ANY APPLICABLE TAX WILL BE CHARGED TOTAL 705.00 UPON INVOICING

Allied Cementing Co., Inc. 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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Noel Perez

TOTAL CHARGE 2046.00

DISCOUNT PAID IN 30 DAYS

SIGNATURE Noel Perez

PRINTED NAME

# ALLIED CEMENTING CO., INC.

31234

EMITTO P.O. BOX 11  
RUSSELL KANSAS 67665

SERVICE POINT:  
*Medicine Lodge, KS*

DATE <i>10-26-07</i>	SEC. <i>01</i>	TWP. <i>33S</i>	RANGE <i>30 W</i>	CALLED OUT <i>10-25 8:00 PM</i>	ON LOCATION <i>12:00 AM</i>	JOB START <i>11:30 AM</i>	JOB FINISH <i>12:30 PM</i>
WELL # <i>8</i>		LOCATION <i>Plains, KS, E Edge, 45 to rd 5</i>		COUNTY <i>Mcade</i>	STATE <i>KS</i>		
OLD OR <u>NEW</u> (Circle one)		2 E, 1/2 S, E INTO					

CONTRACTOR *Cleveland #16*

TYPE OF JOB *Production casing*

PIPE SIZE *7 7/8" T.D. 5,855'*

CASING SIZE *5 1/2" 15.5" DEPTH 5,859*

PIPE SIZE DEPTH

PIPE DEPTH

WELLS MAX *2,100* MINIMUM *100*

WEAS. LINE SHOE JOINT *20'*

CEMENT LEFT IN CSG. *20'*

OWNER *Petrosantander, USA*

CEMENT

AMOUNT ORDERED *275 SK ASC + 5<sup>th</sup> Kol Seal + 1.5% FL-160, 500 GAL ASF*

DISPLACEMENT *139 1/4 Bbl Fresh water*

EQUIPMENT

COMMON	@		
POZ MIX	@		
GEL	<i>3</i>	@ <i>16.65</i>	<i>49.95</i>
CHLORIDE	@		
ASC	<i>275 A</i>	@ <i>14.90</i>	<i>4097.50</i>
ASF	<i>500</i>	@ <i>1.00</i>	<i>500.00</i>
FL-160	<i>129</i>	@ <i>10.65</i>	<i>1373.85</i>
Kol Seal	<i>107.5</i>	@ <i>.70</i>	<i>75.25</i>
Salt	<i>30</i>	@ <i>9.60</i>	<i>288.00</i>
HANDLING	<i>3.55</i>	@ <i>1.90</i>	<i>674.50</i>
MILEAGE	<i>55 x 355 x .09</i>		<i>1757.25</i>
			TOTAL <i>9705.55</i>

PUMP TRUCK CEMENTER *Thomas Demarow*

*4/14* HELPER *Greg G.*

TRUCK DRIVER *Heath M.*

TRUCK DRIVER *Max B.*

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KCC WICHITA

REMARKS:

*Run on Bottom, break circulation, Pump  
+ 3 Bbl Fresh, 500 GAL ASF, 3 Bbl Fresh,  
Production, 275 SK ASC + 5<sup>th</sup> Kol Seal/Sk +  
FL-160, start 20' S, wash Pump + Lines,  
base Pipe, start Displacement, see LIFT,  
on Kn Tee, Bag, Log, Float held, Displaced  
139 1/4 Bbl Fresh water  
THANK YOU*

SERVICE

DEPTH OF JOB	<i>5,859'</i>		
PUMP TRUCK CHARGE			<i>1965.00</i>
EXTRA FOOTAGE		@	
MILEAGE	<i>55</i>	@ <i>6.00</i>	<i>330.00</i>
MANIFOLD		@	
Head Rental	<i>1</i>	@ <i>100.00</i>	<i>100.00</i>
Waiting Time	<i>3</i>	@ <i>200.00</i>	<i>600.00</i>
			TOTAL <i>1995.00</i>

CHARGE TO: *Petrosantander, USA*

STREET

CITY STATE ZIP

5 1/2" PLUG & FLOAT EQUIPMENT

AFU Float shoe	<i>1</i>	@ <i>470.00</i>	<i>470.00</i>
Latch Down Plug	<i>1</i>	@ <i>410.00</i>	<i>410.00</i>

and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

ANY APPLICABLE TAX  
WILL BE CHARGED  
UPON INVOICING  
TAX \_\_\_\_\_

TOTAL 1380.01

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_

PAID IN 30 DAYS

SIGNATURE \_\_\_\_\_

PRINTED NAME \_\_\_\_\_

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JUL 20 2009

KCC WICHITA



# CEMENTING LOG

STAGE NO. 1

Date: 12-26-07 District: Medicine Lodge Ticket No. 31234  
 Company: PETROSANTANDER, USA Rig: Cheyenne #16  
 Well Name: Clay Collingwood Well No. 8  
 County: Meade State: KS  
 Location: Plains, KS, E Edge, 45 Field: 01-335-30W  
280 S, 2 E, 1/2 S, E INTO

CASING DATA: P.T.  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size: 5 1/2" Type \_\_\_\_\_ Weight 15.5 Collar \_\_\_\_\_

CEMENT DATA:

Spacer Type: Flush / ASF / Fresh  
 Amt. 18 Bbl Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
3 Bbl Fresh, 50 GAL ASF, 3 Bbl Fresh

LEAD: Pump Time \_\_\_\_\_ hrs. Type ASC + 5" FL-160 Excess \_\_\_\_\_  
5" FL-160  
 Amt. 2.75 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_ Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead 7.23 gals/sk Tail \_\_\_\_\_ gals/sk Total 47.34 Bbls.

Casing Depths: Top KB+ 3' Bottom 5859'

Pump Trucks Used 414 - Larry G.  
 Bulk Equip. 356 - Heath M.  
MAY B.

Well Pipe Size 4 1/2" Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Annular Hole Size 7 7/8" T.D. 5855 ft. P.B. to \_\_\_\_\_ ft.

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0.239 Lin. ft./Bbl. 42.0168  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Well Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. 0.308 Lin. ft./Bbl. 32.4675  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Corrosion: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer Weatherford  
 Shoe: Type AFW Float SLOS Depth 5859'  
 Float: Type Latch Down Insert Depth 5859'  
 Centralizers: Quantity 10 Plugs Top Latch Down Btm \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type FRESH WATER Amt. 139 1/4 Bbls. Weight 7.33 PPG  
 Mud Type NATIVE Weight \_\_\_\_\_ PPG

JAPANESE REPRESENTATIVE: Pete Kureyl

CEMENTER: Thomas DeMarian

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
12:30 AM						P. Prod Bottom Break circulation
1:30 AM		300	2	Bbl	5	Pump Pre-Flush - 3 Bbl Fresh 50 GAL ASF 3 Bbl Fresh
			3	Bbl	1	
		300	76.9	Bbl	6 1/2	Pump Production - 2.75 sk ASC + 5" FL-160 + 5" FL-160
1:45 AM		150			6	Stop Pumps Wash Pump + Lines Release Plug Start Displacement
	150	250	83	Bbl	6	See Lift
	300	250	97	Bbl	5	Slow Gate
	1200	1000	130	Bbl	3	Slow Rate
2:30 PM	1300	2100	139 1/4	Bbl	3	Bump Plug, Float held

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