

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 # 33784
Name: TRINIDAD 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.: _____
06-16-2009 06-21-2009 06-29-2009
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 055-22043-0000
Spot Description: _____
SW SW SW Sec. 7 Twp. 21 S. R. 34 East West
335 Feet from North / South Line of Section
335 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: FINNEY
Lease Name: CHRISTABELLE (MORROW) UNIT Well #: CRIST 2-7
Field Name: CHRISTABELLE (MORROW) UNIT
Producing Formation: MORROW (INJ)
Elevation: Ground: 3068' Kelly Bushing: 3075'
Total Depth: 5000' Plug Back Total Depth: 4965'
Amount of Surface Pipe Set and Cemented at: 497' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 2015' Feet
If Alternate II completion, cement circulated from: 2015'
feet depth to: Surface w/ 250 sx cmt.

Drilling Fluid Management Plan AH I NR 8-31-09
(Data must be collected from the Reserve Pit)
Chloride content: 3600 ppm Fluid volume: 1200 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.: _____

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for file
KCC

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: 07/28/2009
Subscribed and sworn to before me this 28 day of July,
2009.
Notary Public: Christina Rivas
Date Commission Expires: April 05, 2013

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
CHRISTINA RIVAS
Notary Public, State of Kansas
My Commission Expires
April 05, 2013



Operator Name: PETROSANTANDER (USA) INC Lease Name: CHRISTABELLE (MORROW) UNIT Well #: CRIST 2-7
 Sec. 7 Twp. 21 S. R. 34 East West County: FINNEY

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 RESISTIVITY LOG COMPENSATED NEUTRON PEL DENSITY 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:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner Shale</td> <td>3892'</td> <td>-817'</td> </tr> <tr> <td>Lansing</td> <td>4002'</td> <td>-927'</td> </tr> <tr> <td>Marmaton</td> <td>4464'</td> <td>-1389'</td> </tr> <tr> <td>Pawnee</td> <td>4558'</td> <td>-1483'</td> </tr> <tr> <td>Cherokee Shale</td> <td>4597'</td> <td>-1522'</td> </tr> <tr> <td>Morrow Shale</td> <td>4820'</td> <td>-1745'</td> </tr> <tr> <td>Morrow Sand</td> <td>4851'</td> <td>-1776'</td> </tr> </table>	Name	Top	Datum	Heebner Shale	3892'	-817'	Lansing	4002'	-927'	Marmaton	4464'	-1389'	Pawnee	4558'	-1483'	Cherokee Shale	4597'	-1522'	Morrow Shale	4820'	-1745'	Morrow Sand	4851'	-1776'
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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	12-1/4"	8-5/8"	24#	497'	Premium Plus Cement	300	2% cc 1/4 # FLOW SEAL
PRODUCTION		5-1/2"	15.5#	4995'	POZ/ AMD	250/250	2% JELL 10% SALT/ 1/4 # FLOW SEAL

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				

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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	4865' - 4879'	Acid Job: 1000 gal, 7-1/2% MCA w/ 40 BBL 2% KCL FLUSH	

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>4802'</u> Packer At: <u>4802'</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf
	Water Bbls.	Gas-Oil Ratio 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input checked="" type="checkbox"/> Other (Specify) <u>INJECTION WELL</u>	PRODUCTION INTERVAL: _____ _____
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ALLIED CEMENTING CO., LLC. 043554

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

SERVICE POINT:

Oilwells

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
6-21-09	7	21	34		9:00am	8:30am	10:30pm
LEASE	WELL #	LOCATION		COUNTY	STATE		
Crust	2-7R	Scott City S. City Lease		Reaver	KS		
OLD OR NEW (Circle one)			10w (Burd) 2.5-1w-10w				

CONTRACTOR	Tennison 211	OWNER	
TYPE OF JOB	2.5 stage	CEMENT	
HOLE SIZE	7 1/8 I.D. 5000'	AMOUNT ORDERED	250 50/50 2" local
CASING SIZE	5 1/2 I.D. 15.5 DEPTH 4997'		10% salt - Bottom
TUBING SIZE	DEPTH		54 2505KG AMD 1 1/4 Clo-seal - Top
DRILL PIPE	DEPTH		
TOOL	D U Tool DEPTH #72-2018		
PRES. MAX	MINIMUM	COMMON	125 @ 15.45 1931.25
MEAS. LINE	SHOE JOINT 20.71	POZMIX	125 @ 8.00 1000.00
CEMENT LEFT IN CSG.	20.71	GEL	4 @ 20.80 83.20
PERFS.		CHLORIDE	@
DISPLACEMENT	118.48 - 48.04	ASC	@
EQUIPMENT	70.03	AMD	250 @ 23.55 5887.50
PUMP TRUCK	CEMENTER Fuzzly	Salt	21 @ 23.95 502.95
431	HELPER Walt	WFR-II	500 @ 1.27 635.00
BULK TRUCK			@
377	DRIVER Darren	Clo-seal	63 @ 2.50 157.50
BULK TRUCK			@
399	DRIVER Larry	HANDLING	541 @ 2.40 1298.40
		MILEAGE	.10 x 34 mile 3787.00
			TOTAL 15282.00

REMARKS:

Pump 500 gal water, mix 2505kg solso
2" local 10% salt washout pump & lines
Displace plus to hatchdown: 1300' lift - 1700' hand
Plus down @ 6:45 pm Drop DU Bomb
with 10 min open Tool @ 1200' circ
3 hrs mix 2505kg AMD 1 1/4 Clo-seal
washout pump & lines Displace plus to DU
Tool 6.50' high 1700' hand Tool closed
cement circ approx 40 BBL Plus
down @ 10:45 pm

THANKS Fuzzly + crew

CHARGE TO: Pedrosantander USA

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2675.00

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 Jordan

SIGNATURE _____

PLUG & FLOAT EQUIPMENT

1. Hatchdown Assy (B)	N/A
1. DU Tool (B)	@ 2832.00
10. Cent (W)	@ 57.00 570.00
2. Baskets (W)	@ 186.00 372.00
1. AFD Float shoe (W)	@ 529.95
	@
	TOTAL 4302.00

As per bid

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS