



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1303806
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., 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 Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
-----------------------------------	-----------------	---

API No. 15 - _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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/ _____ sx cmt.

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 #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1303806

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
--	---

CASING RECORD <input 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

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input 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 type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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 <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

PETROSANTANDER (USA) INC.

WELL NAME:	PAULS ALLEY	AFE#:	
REPORTED BY:	RON KREGER	OPERATIONS DATE:	JANUARY 6,7,9,10,2012
OBJECTIVE:	WORK OVER	REPORT DAY:	4,5,6,7
RTD:	4900'	CSG. SIZE:	4 1/2" 10.5# W/ TD COLLARS
PBTD:	4850'	TBG. SIZE:	2 3/8" TK
PERFS:	4802' - 06' 4810' - 24'	FORMATION:	MORROW

24 HOUR SUMMARY:

TIH WITH CHROME LINER XO NIPPLE AND CASING
 CHANGED COLLARS ON CASING TO THE RIGHT TURNED DOWN SIZE COLLAR ON WAY IN
 SHUT DOWN 6 JTS ABOVE OLD SQUEEZE HOLES
 01-07-12 TIH WITH REST OF 4 1/2" 10.5# CASING TAGGED BTM AND PICKED UP 1'
 CUT CASING OFF AND WELDED ON 1/2 BORE COLLAR
 SET CASING BACK IN WELL HEAD AND FLANGED UP MIRU CONSOLIDATED SERVICES
 LOADED CASING WITH 77 BBL WATER HAD CIRCULATION STARTED MIXING CEMENT
 PUMPED 180 SACKS OF COMMON CEMENT FOLLOWED BY PLUG AND 76 BBL DISPLACEMENT
 PLUG LANDED AND HELD HAD CIRC THOUGHT JOB CASING WENT ON SLIGHT VAC AFTER JOB.
 SDON
 01-09-12 MIRU LOG TECH WIRE LINE TIH WITH GAMMA RAY AND PERF GUN
 TAGGED BTM AT 4745' TOH WITH WIRE LINE AND MOVE OFF
 MIRU ECWS AND TIH WITH 4 3/4" BIT AND TBG TAGGED UP ON CEMENT AND DRILL OUT TO BTM
 CIRRHOLE CLEAN AND TOH WITH TBG AND BIT
 1-10-12 MIRU LOG TECH TIH WITH GAMMA RAY AND PERF GUN
 TAGGED BTM AT 4841' LOG THROUGH XO COLLAR AND THE SHOT PERFS AT 4802'-4834'
 TOH WITH LOGGING & PERFING TOOLS
 TIH WITH PACKER AND TBG SET PACKER AT 4724' LOADED BS AND PRESS TO 500 PSIG
 PUMPED 250 GAL OF 15% ACID FOLLOWED BY FLUSH GOT ACID ON PERFS AND BROKE AT 1800 PSIG
 STARTED ON 2000 GAL OF 15% HCL AND 88 BALLS PUMPED AT 3 BPM AND 1475 PSIG.
 SEEN SOME BALL ACTION ISIP 650 PSI 5 MIN 375 PSI
 RIG DOWN HEATWAVES AND EAT DINNER TBG HAD SLIGHT PRESSURE AFTER DINNER
 RELEASED PACKER AND TIH WITH TBG TO KNOCK OFF BALLS
 TOH WITH TBG AND LAY DOWN ON SEALS
 SDON

VENDOR	SERVICE	COST			
PSI	SERVICE UNIT	\$ 15,600.00			
LOG TECH	WIRE LINE TRUCK	\$ 10,500.00			
BRADY	WATER TRUCK	\$ 2,500.00			
CONSOLIDATED	CEMENT TRUCKS	\$ 5,900.00			
ECWS	DRILL EQUIPMENT	\$ 3,000.00			
SUNRISE	TK TBG	\$ 40,000.00			
PSI	LABOR WELDER	\$ 250.00			
PSI	WATER TRUCK	\$ 400.00			
PSI	ROUSTABOUTS	\$ 1,200.00			
			DAILY COST:		\$ 79,350.00
			PREVIOUS COST:		98,750.00
			COST TO DATE:		\$ 178,100.00

