



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1304576
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
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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: _____

1304576

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
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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
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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> _____
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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: _____ _____
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PETROSANTANDER (USA) INC.

WELL NAME:	SHERMAN 3-1	AFE#: 0143
REPORTED BY:	GORDON A.	OPERATIONS DATE: NOVEMBER 10,11,12, 14 - 2011
OBJECTIVE:	INSTALL CL	REPORT DAY: 1,2,3,4
RTD:	4915'	CSG. SIZE: 5 1/2" 14# 4 1/2" 12.6# CL (TOL 4147')
PBD:	4868'	TBG. SIZE 2 3/8" TK-15 2 3/8" WORK STRING
PERFS:	4772'-94'	FORMATION: MORROW

24 HOUR SUMMARY:

11/10/2011 MIRU PSI RIG 1

11/11/2011 DUG WORKING PIT, RELEASED PKR AND TOH W/ TK-15 TBG AND INJECTION PKR
 TIH W/ 4 7/8" BIT, XO SUB AND 154 JTS 2 3/8" TBG, TAGGED FILL @ 4848'
 TRIED TO TURN W/ TONGS AND WOULD TORQUE UP
 TOH W/ TBG, XO SUB AND BIT RIGGED UP SAND PUMP AND TIH
 CLEANED OUT 2 GL IRON SULFIDE AND RETREIVED FRAC BALLS
 LAID SAND PUMP DOWN AND PACKED OFF WELL SDON - MOVED IN 24 JTS 4 1/2" 12.6# CL
 11/12/2011 RIGGED UP AND RAN 24 JTS 4 1/2" CL = 702.98'
 TIH W/ STINGER AND 23 JTS 2 3/8" TBG AND SCREWED INTO LINER SHOE
 TIH W/ 154 JTS 2 3/8" TBG TOTAL AND SET LINER ON BOTTOM @ 4850' (TOL 4147')
 MIRU CONSOLIDATED OWS AND BRADY WATER TRUCKS,LOADED HOLE AND ESTABLISHED RATE
 MIXED AND PUMPED 50 SKS CLASS A CEMENT, WASHED UP AND DISPLACED ALL BUT .75 BBL
 UNSCREWED OUT OF LINER SHOE AND TOH W/ 24 JTS 2 3/8" TBG - REVERSED OUT CLEAN
 TOH W/ 2 3/8" TBG AND STINGER - TIH W/ 5 1/2" AS II PKR AND 128 JTS 2 3/8" TBG, SET PKR @ 4024'
 PRESSURED ANNULUS TO 500#,DISPLACED W/ 2 1/2 BBL WATER TO 250#, WOULD HOLD 200#
 LET SIT 3 HRS, SQUEEZED TO 500#, RELEASED AND PRESSURED TO 500# AND SHUT IN
 RDMO CONSOLIDATED OIL WELL SERVICES AND BRADY WATER TRUCKS SDOWE
 11/14/2011 MIRU HEATWAVES, PRESSURED SQUEEZE TO 1600#-HELD-RELEASED-RDMO HEATWAVES
 RELEASED PKR AND TOH W/ TBG AND PKR
 TIH W/ 4 7/8" BIT, 6 DRILL COLLARS, XO SUB AND 126 JTS AND TAGGED TOC @ 4142'
 DRILLED 5' OF CEMENT / IRON SULFIDE OUT AND CIRCULATED CLEAN, PRESSURED TO 500# - HELD
 TOH W/ TBG, XO SUB AND BIT
 TIH W/ 3 3/4", 6 DRILL COLLARS, XO SUB AND 125 JTS TBG
 PACKED OFF WELL AND SDON

DAILY COST SUMMARY:

VENDOR	SERVICE	COST	
PSI RIG 1	SERVICE UNIT	\$10,500.00	
CONSOLIDATED	CEMENT / PUMP TRUCKS	\$3,200.00	
BRADYS	WATER TRUCKS	\$1,200.00	
HEATWAVES	PUMP TRUCK	\$500.00	
PSI	ROUSTABOUTS	\$500.00	
PAUDA	ROUSTABOUTS	\$500.00	
SAMS	PKR / MAN	\$3,000.00	
SUNRISE	CHROME LINER	\$8,500.00	
PSI	WATER TRUCK	\$500.00	DAILY COST: \$ 32,900.00
WEATHERFORD	REVERSE UNIT / OPERATOR	\$4,000.00	PREVIOUS COST:
WEATHERFORD	MOVE EQUIPMENT	\$500.00	COST TO DATE: \$ 32,900.00

PETROSANTANDER (USA) INC.

WELL NAME: SHERMAN 3-1		AFE#: 0143	
REPORTED BY: GORDON A.		OPERATIONS DATE:	NOVEMBER 15,16 - 2011
OBJECTIVE: INSTALL CL		REPORT DAY:	5,6
RTD:	4915'	CSG. SIZE 5 1/2" 14#	4 1/2" 12.6 (TOL 4147')
PBTD:	4851' LTD	TBG. SIZE 2 3/8" TK-15	2 3/8" WORK STRING
PERFS:	4772'-94'	FORMATION:	
24 HOUR SUMMARY:			
11/15/2011 STARTED ENGINES AND BROKE CIRCULATION			
TIH W/ TBG CLEANING UP STRINGERS OF CEMENT TO 4400', TAGGED TOC AND BEGAN TO DRILL			
DRILLED CEMENT TO 4778' AND FELL THRU, CIRCULATED HOLE CLEAN			
TIH AND TAGGED PBTD @ 4850', CIRCULATED HOLE			
MIRU HEATWAVES AND HOOKED UP TO PUMP W/ 130 BBL FRESH WATER			
CIRCULATED HOLE CLEAN RDMO HEATWAVES			
TOH W/ TBG, DRILL COLLARS AND 3 3/4' BIT, LAYING DOWN DRILL COLLARS			
MIRU LOG-TECH, TIH W/ GAMA RAY AND 22' GUN 4 SPF - LOGGED PBTD @ 4851'			
TIED ON AND PULLED GAMA RAY FROM 4824'-4000'		SHOT PERFS 4772'-4794'	
TOH - RDMO LOG-TECH PACKED OFF WELL AND SDON			
11/16/2011 TBG ON SLIGHT VAC TIH W/ 148 JTS TBG AND 4 1/2" X 2 3/8" PKR - BTM PKR 4669'			
MIRU S. W. ACID W/ 2000 GL 20% HCL W/ SF, SE, DBL INHIB, CLAY STAY AND 48 BBL 2% KCL FLUSH			
PUMPED 2 BBL 2% KCL AND BROKE FORMATION, SWITCHED TO ACID AND RAN 180 FRAC BALLS			
FLUSHED W/ 46 BBL 2% KCL ISIP 930# - 5 MIN 770# - 10 MIN 653# - 15 MIN 559#			
RDMO S. W. ACID RELEASED PRESSURE ON TBG, RELEASED PKR			
TIH W/ 5 JTS TBG AND WIPED BALLS OFF			
TOH W/ 2 3/8" WORK STRING TBG, SINGLING ONTO GROUND, AND PKR			
TIH W/ 4 1/2" PKR AND TK-15 TBG AS FOLLOWS:			
4 1/2" X 2 3/8" NC PL AS I PKR W/ 2' TAILPIPE			9.49'
145 JTS 2 3/8" OD EUE 8RD TK-15 TBG			4686.93'
TOTAL LENGTH @ KB =			4696.42'
TBG SET 3' BELOW KB=			4699.42'
MIRU HEATWAVES - DISPLACED ANNULUS W/ 110 BBL PKR FL SET PKR W/ 10 PTS			
PRESSURED TO 500# - HELD BLED PRESSURE DN TO 300# - RDMO HEATWAVES			
HOOKED UP FLOW LINE POL @ 850 BPD			
RDMO PSI RIG 1			
DAILY COST SUMMARY:			
VENDOR	SERVICE	COST	
PSI RIG 1	SERVICE UNIT		
WEATHERFORD	REVERSE UNIT / OPERATOR		
HEATWAVES	WATER TRUCK		
LOG-TECH	GAMA RAY / PERFS		
HEATWAVES	PKR FL / PUMP TRUCK		
S.W. ACID SERVICE	ACID / 2% KCL / PUMP TRUCK		
SAMS	INJECTION PKR		
PSI	ROUSTABOUTS		
PAUDAS	ROUSTABOUTS		
			DAILY COST:
			PREVIOUS COST:
			COST TO DATE:

