



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1301642  
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: \_\_\_\_\_

1301642

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# PETROSANTANDER (USA) INC.

<b>WELL NAME:</b>	BULGER 7-8	<b>AFE#:</b>	
<b>REPORTED BY:</b>	CARLOS A LOPEZ	<b>OPERATIONS DATE:</b>	MAY,5,6,7,8,9 2014
<b>OBJECTIVE:</b>	CONVETR AS INJECTOR	<b>REPORT DAY:</b>	1,2,3,4,5
<b>RTD:</b>	4950'	<b>CSG. SIZE:</b>	5 1/2"
<b>PBTD:</b>	4888'	<b>TBG. SIZE</b>	2 3/8" SEAL TITE
<b>PERFS:</b>	4744' - 65'	<b>FORMATION:</b>	MORROW

**24 HOUR SUMMARY:**

05/05/14 MIRU PSI RIG 2 MOVED WORK STRING,BOP AND DUG A WORKING PIT SDON

5/6/2014 RU BOP TIH WITH WORK STRING AND PKR SET IT @ 4710' MIRU HEAT WAVES WITH 120 BBL OF 2% KCL PRESSURED CASING UP TO 1000# HELD RELEASED PRESSURE AND PKR MOVED AND SET PKR BELOW PERFORATIONS 4775' PRESSURED UP TO 1500# HELD RDMO HEAT WAVES TIH WITH TBG AND PKR TAGGED @-4815' TOH WITH TBG AND PKR TRIED TO SET IT ABOVE PERFORATIONS COULDN'T SET IT TOH WITH TBG AND PKR SDON

5/7/2014 TIH WITH TBG AND PKR SET IT @ 4760' MIRU HEAT WAVES WITH 1500 GLS OF 15% HCL,100 BALLS AND 60 BBL OF 2% KCL STARTED ACID JOB RATE @ 5.75 BPM @ 850# ISIP 160#,5 MIN 100#,10 MIN 50# AND 15 MIN VACUME RDMO HEAT WAVES LET IT SET FOR 1 HR STARTED SWABIND 1400' = 3344' FAP

1 HR	5 RUNS	2000' = 2744' FAP	25.52 BBL
2 HR	5 RUNS	2400' = 2344' FAP	20.88 BBL
3 HR	5 RUNS	2400' = 2344' FAP	22.65 BBL
4 HR	5 RUNS	2600' = 2144' FAP	22.04 BBL
5 HR	5 RUNS	2600' = 2144' FAP	20.88 BBL

111.97 TOTAL BBL RECOVER SDON

5/8/2014 FOUND 15# ON TBG RELEASED PRESSURE TOH WITH WORK STRING TBG AND PKR SINGLING OUT MOVED WORK STRING OUT OF THE WAY MOVED 150 JTS OF 2 3/8" SEAL TITE FROM YARD TIH WITH 120 JTS AND PKR SDON

5/9/2014 TIH WITH REST OF TBG AND PKR AS FOLLOWS :

2 3/8" X 2' TAIL PIPE ON 5 1/2" X 2 3/8" AS1X NICHOL COATED PKR	8.90'
142 JTS 2 3/8" OD EUE 8 RD SEAL TITE TBG	4701.51'
TOTAL LENGTH @ KB =	4710.41'
TBG SET 3' BELOW KB =	4713.41'

MIRU HEAT WAVES WITH 120 BBL OF PKR FLUID PUMPED 60 BBL DOWN CASING DIDN'T CIRCULATED SET PKR @ 4705' IN COMPRESSION LOAD CASING WITH 30 BBL OF PKR FLUID PRESSURED CASING UP TO 500 # HELD RELEASED PRESSURE TO 300 # RDMO HEAT WAVES RDMO PSI RIG 2

**DAILY COST SUMMARY:**

VENDOR	SERVICE	COST	
PSI RIG 2	SERVICE UNIT	\$ 18,000.00	
PAUDAS	LABOR	\$ 2,500.00	
WEATHERFORD	BOP RENTAL	\$ 1,000.00	
SAMS	PKR,MAN/INJ PKR	\$ 5,500.00	
HEAT WAVES	ACID JOB/2 % KCL	\$ 8,500.00	
HEAT WAVES	PKR FLUID	\$ 1,500.00	
PSI	142 2 3/8" SEAL TITE	N/C	
PSI	WINCH TRUCK	\$ 500.00	
PSI	WATER TRUCK	\$ 1,000.00	
			<b>DAILY COST:</b>
			\$ 38,500.00
			<b>PREVIOUS COST:</b>
			<b>COST TO DATE:</b>
			\$ 38,500.00