



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1240446
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: _____



1240446

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: 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

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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Great Plains Energy, Inc.
Well Name	Hunsicker 1-2
Doc ID	1240446

All Electric Logs Run

Sonic
MICRO
DIL
CD/NL

RPT # 13-065-24091-00-00

GEOLOGICAL REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY Great Plains Energy, Inc.
 LEASE Hansicker #1-2
 FIELD Wildcat
 LOCATION 1570' FNL + 741' FNL
 SEC 2 TWSP 8S RGE 25W
 COUNTY Graham STATE Kansas
 CONTRACTOR W.W. Drilling Rig #12
 SPUD 1-5-15 COMP 1-10-15
 SAMPLES SAVED FROM 3450' TO R.T.D.

ELEVATION
 KB 2444'
 DF 2415'
 GL 2436'
 Depths Measured From Log KB Drilling KB
 CASING
 Surface 348" @ 226'
 Production None
 ELECTRIC LOGS
Primex

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE	E. LOG	DATUM	A	B	C	D
				-9-	-9-		
Anhydrite	2259	2259 + 236		+ 263	253		
Base Anhydrite	2261	2239 + 205		+ 251	241		
Topeka	3535	3535 - 1084		- 1071	- 1084		
Heebner	3743	3743 - 1271		- 1262	- 1271		
Toronto	3765	3765 - 1311		- 1302	- 1311		
Lansing	3777	3777 - 1351		- 1342	- 1351		
Base Lansing	3997	3997 - 1591		- 1582	- 1591		
Total Depth	4150'	4050 - 1691		- 1556	- 1591		

REFERENCE WELLS

- A Empire Delo Co, Falt #1, NE-NE-NE Sec 10-8S-25W
- B Petro-Pak Corp. Minion #1, NE-SW-NE Sec 2-8S-25W
- C

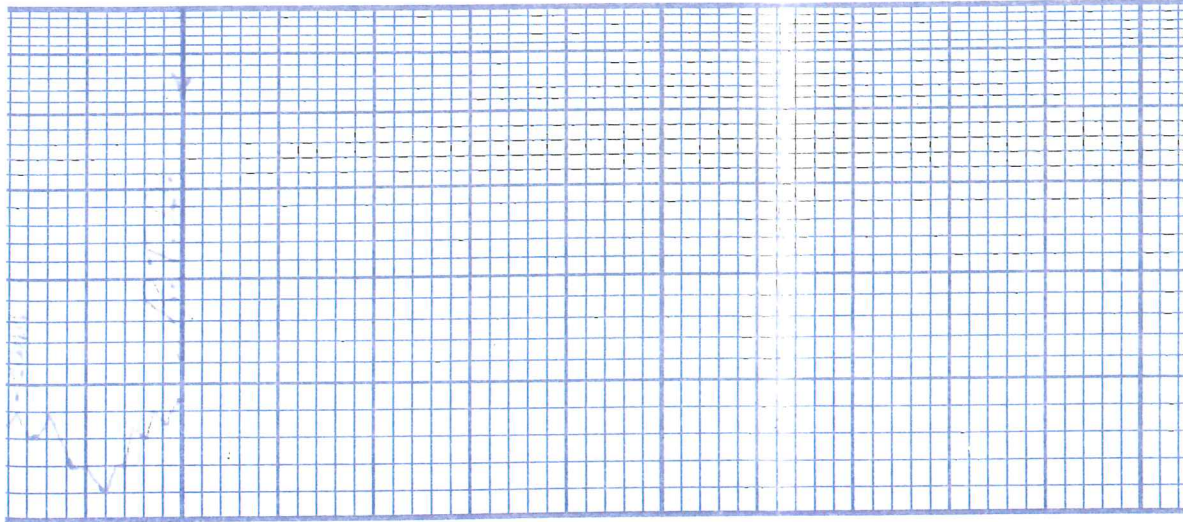
REMARKS
 This well was drilled by the same contractor as well as the reference wells listed above. The lithology is similar to the reference wells listed above.

LEGEND

- Dolomite
- Chert
- Ool. Lime
- Limestone
- Carb sh
- Shale
- Sandstone
- Salt
- Anhydrite

REMARKS						
OIL SHOWS						
SAMPLE DESCRIPTIONS						
LITHOLOGY	DEPTH					
DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases	5"	10"	15"	20"	25"	

Blank header row											
Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell
Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell	Blank cell



GLOBAL CEMENTING, L.L.C.

1586

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: RUSSELL, KS

DATE <u>1-5-2015</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>HUNSIKIA</u>	WELL #. <u>1-2</u>		LOCATION			COUNTY <u>Grain</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR WW Drilling Rig # 12
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4" T.D.
 CASING SIZE 8 3/4" DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 20
 PERFS
 DISPLACEMENT 13

OWNER
 CEMENT AMOUNT ORDERED 165 SA - 21 BBL H2O - 21 BBL
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC @
 HANDLING @
 MILEAGE @
 TOTAL

EQUIPMENT
 PUMP TRUCK CEMENTER BUD
 # PI HELPER BUD
 BULK TRUCK DRIVER AUSTIN
 # B3
 BULK TRUCK DRIVER
 #

REMARKS:

RUN IN 5 STE 8 3/4 CASING - PIT IN LANDING
4 T. SURFACE CIRCULATE MUD - HOPE UP
CEMENT - MIX 165 SA - 21 BBL H2O - 21 BBL
WASH UP DOWN HOPE W/ 13 BBL H2O - 21 BBL
IN @ 200 PSI - CEMENT DID CIRCULATE

CHARGE TO: GREPT PLAINS ENERGY INC
 STREET
 CITY STATE ZIP

SERVICE
 DEPTH OF JOB
 PUMP TRUCK CHARGE
 EXTRA FOOTAGE @
 MILEAGE 28 @
 MANIFOLD @
 TOTAL

Global Cementing, L.L.C.,
 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 William P. ...
 SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT
 @
 @
 @
 @
 TOTAL
 SALES TAX (If Any)
 TOTAL CHARGES
 DISCOUNT IF PAID IN 30 DAYS

GLOBAL CEMENTING, L.L.C.

1590

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: RUSSELL, KS

DATE <u>1-10-2015</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Hawley</u>	WELL #. <u>1-2</u>	LOCATION			COUNTY <u>Graham</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR <u>WW 12</u>	OWNER
TYPE OF JOB <u>Dry hole Plug</u>	
HOLE SIZE <u>7 7/8"</u>	T.D.
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS	
DISPLACEMENT	
EQUIPMENT	
PUMP TRUCK # <u>P1</u>	CEMENTER <u>DCH</u>
	HELPER <u>BTD</u>
BULK TRUCK # <u>B3</u>	DRIVER <u>Mark</u>
BULK TRUCK #	DRIVER

CEMENT AMOUNT ORDERED <u>290 SY 160/46 P02</u>	
<u>4 1/2 GEL - 1 1/2" PLUG - 50 SY</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
	@
	@
	@
	@
	@
	@
	@
	@
HANDLING	@
MILEAGE	@
TOTAL	

REMARKS:
1st - 50 SY @ 2250'
2nd - 100 SY @ 1290'
3rd - 50 SY @ 700'
4th - 10 SY @ 110' - RAT - 50 SY

CHARGE TO: Great Plains Energy
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE	
DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE <u>70</u>	@
MANIFOLD	@
	@
	@
TOTAL	

Global Cementing, L.L.C.,
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 Chad Pennington
SIGNATURE Chad Pennington

PLUG & FLOAT EQUIPMENT	
	@
	@
<u>Dry hole Plug</u>	@
	@
	@
TOTAL	
SALES TAX (If Any)	
TOTAL CHARGES	
DISCOUNT	IF PAID IN 30 DAYS