



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1221531  
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: \_\_\_\_\_

1221531

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

<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> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Operator: Source Energy MidCon, LLC  
 Well: Chase #17-12-31

Contract #: 14-2109

Footage	Date	Dealer	Ticket #	\$/gal	Main Tank Fuel		Doghouse/Gen Fuel			Hog Fuel			Rig Fuel			PreMix Fuel		
					20.8 Inches	Tank #1 Gal	6.44 Inches	Tank #2 Gal	Oil qts	13.6 Inches	Tank #3 Gal	Oil qts	2.78 Inches	Tank #4 Gal	Oil qts	2.25 Inches	Tank #5 Gal	Oil qts
	8/4/2014	Starting			32	665.6	10	64.4		27	367.2		13	36.1		23	51.8	
343	8/5/2014				27		10			23			13			23		
1014	8/6/2014				21		10			19			13			23		
	8/6/2014	Southwind	Tk #53438	\$3.0900	55	715.0	10	0.0		63	594.0		13	0.0		23	0.0	
1805	8/7/2014				52		10			51			13			23		
2324	8/8/2014				45		10			38			13			23		
	8/8/2014	Southwind	Tk #53454	\$3.1100	59	300.0	10	0.0		55	226.0		13	0.0		23	0.0	
2650	8/9/2014				49		10			49			13			23		
2757	8/10/2014				43		10			45			13			23		
2884	8/11/2014				36		10			35			13			23		
3029	8/12/2014				30		10			29			13			23		
	8/12/2014	Southwind	Tk #53451	\$3.2100	55	522.0	10	0.0		62	453.0		13	0.0		23	0.0	
3035	8/13/2014				52		10			59			13			23		
3035	8/14/2014				50		10			57			13			23		
	8/14/2014	Ending			50	-1040.0	10	-64.4		57	-775.2		13	-36.1		23	-51.8	

Total Fuel Used: 2027.6      1162.6      0.0      865.0      0.0      0.0

Fuel Cost: \$3.1367  
 Contract Price: \$0.5000  
 Surcharge / gal: \$2.6367

Total Fuel Surcharge: \$5,346.25 (Per Contract Paragraph 4.9 sub c)

COPY



# ALLIED OIL & GAS SERVICES, LLC 063567

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Great Bend KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
09-04-14	17	25	4		12:00 PM	6:00 AM	<del>7:00 AM</del> 7:00 AM
LEASE <u>Chase</u>	WELL # <u>17-12-3</u>		LOCATION <u>96 To 135 South To 196 To Potwin KS</u>		COUNTY	STATE	
OLD OR <u>NEW</u> (Circle one)			<u>South on Diamond Rd 5 mile East into</u>		<u>Butler</u>	<u>KS</u>	

CONTRACTOR  
TYPE OF JOB Surface  
HOLE SIZE 12 1/4 T.D. 343.49  
CASING SIZE 8 5/8 DEPTH 343.49  
TUBING SIZE DEPTH  
DRILL PIPE DEPTH  
TOOL DEPTH  
PRES. MAX MINIMUM  
MEAS. LINE SHOE JOINT  
CEMENT LEFT IN CSG. 5 FT  
PERFS.  
DISPLACEMENT 21.56 Fresh H2O

OWNER  
CEMENT  
AMOUNT ORDERED 210 cxs CLASS A 3 3/8 cc

COMMON 210 CLASS A @  
POZMIX @  
GEL @  
CHLORIDE @  
ASC Materials Total

EQUIPMENT  
PUMP TRUCK CEMENTER Kevin Eddy + Josh L'Sane  
# 597 HELPER Brian Lang  
BULK TRUCK  
# 603 DRIVER Zed Schwaller  
BULK TRUCK  
# 609-239 DRIVER Kevin Weighouse

HANDLIN @  
MILEAGE @

**REMARKS:**

*Had safety meeting. Rig ran 8 5/8 casing broke size w/ rig mud ran 5 ahead w/ fresh H2O mixed 210 CLASS A 3 3/8 cc shut down and released plug. Displace 21.56 H2O Fresh H2O and shut in cement did size plug down at 6:30 am at 100 lbs at 4 BBL a minute.*

CHARGE TO: Source Energy  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**THANK YOU!**

To: Allied Oil & Gas Services, 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 Roger Martin  
SIGNATURE [Signature]

DEPTH OF JOB \_\_\_\_\_  
PUMP TRUCK CHARGE \_\_\_\_\_  
EXTRA FOOTAGE @ \_\_\_\_\_  
MILEAGE @ \_\_\_\_\_  
MANIFOLD @ \_\_\_\_\_  
Lvm - 40 @ \_\_\_\_\_  
Hvm - 40 @ \_\_\_\_\_

TOTAL

**PLUG & FLOAT EQUIPMENT**

1 AFU Float shoe @ \_\_\_\_\_  
4 centralizers @ \_\_\_\_\_  
1 Rubber Plug @ \_\_\_\_\_  
2 Thread Lok @ \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Changes Redacted

Date 08-04-14 District Great Bend Ticket No. 63567  
 Company Source Energy Rig Summit 1  
 Lease Chase Well No. 17-12-3  
 County Butler KS State KS  
 Location 96 To 135 To 196 To Patwin KS Field \_\_\_\_\_  
South on Diamond Rd 5 mile E into  
 CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type NEW Weight 23.0 Collar 8 Round

CEMENT DATA:

Spacer Type: Fresh H2O  
 Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time Thicken Time hrs. Type Class 210 Class A  
3% CC Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield 1.22 ft<sup>3</sup>/sk Density 15.4 PPG

TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_

Amt. \_\_\_\_\_ Sks Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top \_\_\_\_\_ Bottom 343.49

Pump Trucks Used 597 BRIAN LANG  
 Bulk Equip. 603 Zep Schwallier

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. 0637 Lin. ft./Bbl. 15.70  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_

Float: Type AF1 51 Depth \_\_\_\_\_

Centralizers: Quantity 4 Plugs Top \_\_\_\_\_ Btm. 1

Stage Collars \_\_\_\_\_

Special Equip. \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Kevin Eddy + Josh ISAAC

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
9:00 PM						Arrive on location + Rig up
						Rig Ran 8 5/8 casing 23' lbs
120 AM						Broke Circ with Rig mud
136 AM			5		4	Ran 5 Ahead w/ Fresh H2O
600 AM		50.62	45.62		5	Mixed 210 Class A 3% CC
615 AM		72.50	21.85		5	Shut Down Release Plug Displace Fresh H2O
630 AM						Shut in cement did circ



# ALLIED OIL & GAS SERVICES, LLC 063510

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Greathouse

DATE <u>8-13-14</u>	SEC. <u>17</u>	TWP. <u>25</u>	RANGE <u>4</u>	CALLED OUT	ON LOCATION <u>2:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>12:50 PM</u>
LEASE <u>Clouse</u>	WELL # <u>171231</u>	LOCATION <u>Potwin - 5 1/2 s on Diamond Pl</u>	COUNTY <u>Butler</u>		STATE <u>KY</u>		
OLD OR <u>NEW</u> (Circle one)			F. into				

CONTRACTOR Summit Drilling #1

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH 3030

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 1/2 06

CEMENT LEFT IN CSG. FT

PERFS.

DISPLACEMENT 75.11 bbl Freshwater

OWNER

CEMENT

AMOUNT ORDERED 175 sk ASC - 2% gel

6 1/4 x 4 - 5# Kd11 - .3% t1100 - .14% DF

EQUIPMENT

PUMP TRUCK CEMENTER JD Stalke

# 597 HELPER Kevin Eddy

BULK TRUCK

# 599 DRIVER Zebo Schwaller

BULK TRUCK

# DRIVER

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

REMARKS:

17 location - Rig up - had safety meeting

run 5 1/2 casing - Borel lubricant

pump Dulco

mix 175 sks ASC

Drop plug

Displace 75.11 bbl Freshwater

land plug PSI

11:30 AM

Ris down

DEPTH OF JOB 3030

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE Hum 40 @

MANIFOLD @

CHARGE TO: Service Energy

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

16 - (x) equalizer

2 - thru plug

AFV part - t

Guide shoe

2 - Thru tool

Clamp

To: Allied Oil & Gas Services, 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 Roger Martin

SIGNATURE [Signature]

SALES TAX (if Any)

TOTAL CHARGES

DISCOUNT IF PAID BY DATE

Redacted Changes

Date 8-13-14 District 6B Ticket No. 63510  
 Company Source Energy Rig Summit #1  
 Lease Chase Well No. 171231  
 County Butler State KS  
 Location Potwin - 5 1/2 on Diamond Field 17 25 4  
Finco

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type AW Weight 15.5 Collar \_\_\_\_\_

CEMENT DATA:  
 Spacer Type: Freshwater  
 Amt. 5 bbl Sk's Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

LEAD: Pump Time Thicken Time hrs. Type ASC 2 1/2 jet  
6 1/2 gal 5# thick 13% Al<sub>2</sub>O<sub>3</sub> Excess \_\_\_\_\_  
 Amt. 175 Sk's Yield 14.55 ft<sup>3</sup>/sk Density 14.55 PPG  
 TAIL: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Sk's Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top \_\_\_\_\_ Bottom \_\_\_\_\_

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size \_\_\_\_\_ T.D. \_\_\_\_\_ ft. P.B. to \_\_\_\_\_ ft.

Pump Trucks Used 597 - Kenn Eddy  
 Bulk Equip. 595 - Zeb Schwab

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. \_\_\_\_\_  
 Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity 10 Plugs Top 1 Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type \_\_\_\_\_ Amt. \_\_\_\_\_ Bbls. Weight \_\_\_\_\_ PPG  
 Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

COMPANY REPRESENTATIVE \_\_\_\_\_

CEMENTER Josh L. McC

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
2:30 AM						on location - Rig up
						had safety meeting
						run 5 1/2 casing
9:30 AM						break circulation
10 AM	0			10	6	pump 10 bbl DU 1100
10:55	100		15	5	6	pump 5 bbl freshwater
10:50	100		63.93	49.93	6	mix 175 SKS ASC
						Drop plug
10:45	600		139.04	75.11	6	Displac. 75.11 bbl freshwater
11:15						Load plug psi
11:30						Rig down

<b>FIELD:</b>	Pierce
<b>LEGAL:</b>	1545' FNL & 652' FWL, Sec 17 - T25S - R4E
<b>COUNTY, STATE:</b>	Butler, KS
<b>WI:</b>	100.0000%
<b>RI:</b>	
<b>API #:</b>	15-015-24038-00-00
<b>KB (GL)</b>	1352' (1342')
<b>SURFACE CASING:</b>	8-5/8", 23#, S-55, STC @ 326'
<b>PROD CASING:</b>	5-1/2", 15.5#, S55, LTC @ 3026'
<b>TUBING:</b>	2-3/8" 4.7# JC80 8Rd EUE (EOT: 2675')
<b>SPUD:</b>	8/4/14
<b>RIG RELEASE:</b>	
<b>TD:</b>	3035'
<b>PBTD:</b>	2982'

**SUBSURFACE EQUIPMENT**

1-3/4" X 2' Pony Rod, 10-3/4" X 1-1/2 X 25' K-Bars; 94-3/4" Rods; 1-6' Pony Rod  
 1-4' Pony Rod; 1-2' Pony Rod--1-1/4"X 16 Polish Rod W/1-1/2" X 8' Polish Rod Line  
 1-1/2" Top Hold Down Pump w/ 1' Strainer Nipple  
 3' Perf Sub  
 Seat Nipple and Tubing Anchor  
 6' Mud Anchor w/ Bull Plug

**WELL HISTORY**

DATE	ACTION
8/4/14	Spud well at 10:40am
8/13/14	Drilled and Cased Well
8/18/14	Ran CBL
8/19/14	Perforated 2612'-2624'; pumped 1,500 gal 15% MCA
8/21/14	Pumped 3,000 gal 15% HCl
8/23/14	Perforated 2612'-2618'

Last Updated By: Charles Dalton 9/10/14

