Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1254624

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 # 34419
Name: Carl E. Gungoll Exploration, LLC
Address 1: 6 NE 63RD, STE 300
Address 2: PO BOX 18466
City: OKLAHOMA CITY State: OK Zip: 73154 + 0466
Contact Person: Ginna Hawthorne
Phone: (405) 848-7898
CONTRACTOR: License # 34127
Name: Tomcat Drilling LLC
Wellsite Geologist: None
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 #:

01/14/2015	01/21/2015	02/20/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-175-22229-00-00
Spot Description:
SW SW SE NW Sec. 9 Twp. 31 S. R. 34 ☐ East ☑ West
2485 Feet from ☑ North / ☐ South Line of Section
1465 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Seward
Lease Name: Cutter East Unit Well #: 906
Field Name:
Producing Formation: Upper Morrow
Elevation: Ground: 2812 Kelly Bushing: 2821
Total Vertical Depth: 5400 Plug Back Total Depth: 5357
Amount of Surface Pipe Set and Cemented at: 1642 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: 4400 ppm Fluid volume: 1391 bbls
Dewatering method used: Evaporated

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: 06/10/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/11/2015

1254624

Operator Name: Carl E. Gungoll Exploration, LLC Lease Name: Cutter East Unit Well #: 906

Sec. 9 Twp. 31 S. R. 34 ☐ East ☑ West County: Seward

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

DSNT/SDLT
ACRT
Microlog

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Upper Morrow	5200	

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	24	1642	A-Con	550	3% CaCl, .25 ppg Polyflake, .2% WCA-1
Production	7.875	5.5	15.5	5385	A-Con	150	3% CaCl, .25 ppg Polyflake, 2% WCA-1

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:
_____
_____

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Carl E. Gungoll	Lease No.	Date: 7-15-15	
Lease: Cutter East Unit	Well #: 906	Service Receipt: 5541	
Casing: 8 5/8	Depth: 1645	County: Seward	State: KS
Job Type: 242	Formation	Legal Description: 9-31-34	

Pipe Data

Casing size: 8 5/8	Tubing Size
Depth: 1645	Depth: 5542
Volume: 102 bbls	Volume
Max Press: 1800	Max Press
Well Connection: 8 5/8	Annulus Vol.
Plug Depth: 1603	Packer Depth

Perforating Data

Shots/Ft

From	To
From	To
From	To
From	To
From	To

Cement Data

Lead: 400 sk A-Con 2.95 ft³-sk

18.1 gal-sk 11.4 #

Tail in: 150 sk Class C 1.31 ft³-sk

6.33 gal-sk 14.8 #

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2030					Arrive On Location
2100					Safety Meeting - Rig Up
2100					Rig Running Casing
2130					Circulate W/ Rig
2215					Hook up To BES
2220	2000		1	1	Pressure Test
2225	300		211	6	Pump Lead cmt @ 11.4
2310	400		48	5	Pump Tail cmt @ 14.8
2320					Drop Plug - Wash up
2325	600		92	5	Displace
2355	1000		10	2	Slow Down
1200	1500		11	1	Land Plug - Float Held
					Job Complete
					Connect To Surface
					Thanks For Using Basic Energy Services

Service Units	78938	70847-19570	30463-19560	14354-19578		
Driver Names	Izzy	Sam	Hector R	Santos		

Terry
Customer Representative

Mac Davis
Station Manager

Izzy Chavez
Cementer

Taylor Printing, Inc.

BASIC ENERGY SERVICES
Liberal, Kansas

Cement Report

Customer: Carl E. Gungoll	Lease No.	Date: 1-22-15	
Lease: Cutter East Unit	Well #: 906	Service Receipt: 05239	
Casing: 5½" 2	Depth: 5400'	County: Seward	State: KS
Job Type: Z42 - 5½" Production	Formation:	Legal Description: 9-31-34	

Pipe Data		Perforating Data		Cement Data
Casing size: 5½" 15.5#	Tubing Size	Shots/Ft		Lead 75 sk ACon
Depth: 5400'	Depth	From	To	
Volume: 127 bbl	Volume	From	To	
Max Press: 2500#	Max Press	From	To	Tail in 75 AA2
Well Connection: TD-5400'	Annulus Vol.	From	To	
Plug Depth: SJ-42'	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumbed	Rate	Service Log
2:00					on loc - site assesment
					spot trucks - rig up
					start csg + float equip
					csg on btm break circ
					safety meeting - JSA
8:30					pressure test 3000#
8:31					plug rat + mouse holes w/ 50 sk
	200		5	6	pump 5 bbl H2O spacer
	200		12	6	pump 500 gal superflush
	200		5	6	pump 5 bbl H2O spacer
	150		38	7	mix + pump 75 sk ACon @ 11.4#
	100		20	7	switch to 75 sk AA2 @ 14.8#
					wash pump + lines
	100		0	7	drop latch down plug, disp csg
	800		115	2	slow rate
9:30	1300		127	0	latch down plug, float held
					job complete

Service Units	78940	27462	14385-19883			
Driver Names	A Olvera	E Mendoza	G Echavarria			

Terry
Customer Representative

T Davis
Station Manager

A Olvera
Cementer

Taylor Printing, Inc.