Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1243309

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTC)RY - C	DESCRI	PTION OF '	WELL a	& LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
	Abd. Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to	SWD Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to	Producer (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date Recompletion Date	

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:				

1243309

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)

No

Gas-Oil Ratio

PRODUCTION INTERVAL:

Depth

Gravity

Operator Name:	Lease Name:	_ Well #:
Sec TwpS. 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		Yes No	🗌 L	.og Formatio	on (Top), Depth an	d Datum	Sample
(Attach Additional She Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, 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: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, ski	o questions 2 an	ad 3)
		raulic fracturing treatment ex				o question 3)	
Was the hydraulic fracturing	treatment information	n submitted to the chemical o	disclosure registry?	Yes	No (If No, fill o	out Page Three	of the ACO-1)

PERFORATION RECORD - Bridge Plugs Set/Type

Specify Footage of Each Interval Perforated

Set At:

Bbls.

Shots Per Foot

TUBING RECORD:

Estimated Production

Per 24 Hours

Vented

Size:

Oil

Used on Lease

Date of First, Resumed Production, SWD or ENHR.

DISPOSITION OF GAS:

(If vented, Submit ACO-18.)

Sold

METHOD OF COMPLETION:

Packer At:

Pumping

Mcf

Perf.

Producing Method:

Flowing

Gas

Open Hole

Other (Specify)

Liner Run:

Gas Lift

Water

Dually Comp.

(Submit ACO-5)

Yes

Bbls.

Commingled

(Submit ACO-4)

Other (Explain)

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	DEMEL UNIT 1-36
Doc ID	1243309

All Electric Logs Run

DIL
CNL/CDL
BHCS
Microresistivity
fracfinder
Sector bond log

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	DEMEL UNIT 1-36
Doc ID	1243309

Tops

Name	Тор	Datum
Herrington	1957	+60
Winfield	2005	+12
Towanda	2075	-58
Fort Riley	2117	-100
B/Florence	2211	-194
Kinney Is	2227	-210
Wrefold	2257	-240
Council Grove	2277	-260
Crouse	2316	-299
Cottonwood	2388	-371
Neva	2454	-437
Red Eagle	2518	-501
Onaga Shale	2668	-651
Wabaunsee	2687	-670
Root Shale	2753	-736
Stotler	2809	-792
Tarkio	2867	-850
Howard	3007	-990
Severy Shale	3075	-1058
Topeka	3086	-1069
Heebner	3343	-1326
Toronto	3360	-1343
Douglas Shale	3369	-1352
Brown Lime	3434	-1417

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	DEMEL UNIT 1-36
Doc ID	1243309

Tops

Name	Тор	Datum
LKC	3444	-1427
ВКС	3682	-1665
Arbuckle	3772	-1755
RTD	3950	-1933

Summary of Changes

Lease Name and Number: DEMEL UNIT 1-36 API/Permit #: 15-145-21682-00-00 Doc ID: 1243309 Correction Number: 1 Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	11/14/2012	02/20/2015
Fracturing Question 1		No
LocationInfoLink	https://solar.kgs.ku.edu/ kcc/detail/locationInform	https://kolar.kgs.ku.edu/ kcc/detail/locationInform ation.cfm?section=36&t //kcc/detail/operatorE ditDetail.cfm?docID=12
Save Link	ation.cfm?section=36&t //kcc/detail/operatorE ditDetail.cfm?docID=10	
Tubing Record - Set At	98607	43309 0
Well Type	GAS	OG



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1098607

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

WELL HISTORY -	DESCRIPTION OF	WELL & LEASE

OPERATOR: License #	API No. 15	
Name:	Spot Description:	
Address 1:		
Address 2:	Feet from North / South Line of Section	
City: State: Zip:+	Feet from East / West Line of Section	
Contact Person:	Footages Calculated from Nearest Outside Section Corner:	
Phone: ()		
CONTRACTOR: License #	County:	
Name:	Lease Name: Well #:	
Wellsite Geologist:	Field Name:	
Purchaser:	Producing Formation:	
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:	
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:	
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:	Amount of Surface Pipe Set and Cemented at: Multiple Stage Cementing Collar Used? If yes, show depth set: If Alternate II completion, cement circulated from:	
Operator:		
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)	
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:	
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:	
Commingled Permit #: Dual Completion Permit #:	Operator Name:License #:	
SWD Permit #:	Quarter Sec TwpS. R East West	
ENHR Permit #: GSW Permit #:	County: Permit #:	
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date		

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

CONFIDENTIAL

KCC Office Use ONLY
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date: