

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1190037

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

Address 2:	OPERATOR: License #	API No. 15
Address 2:	Name:	Spot Description:
City:	Address 1:	
Contact Person:	Address 2:	Feet from Dorth / South Line of Section
Phone:	City: State: Zip:+	Feet from East / West Line of Section
CONTRACTOR: License #	Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Name: (e.g. xxxxxxx) (e.g. xxxxxxx) Wellsite Geologist:	Phone: ()	
Name:	CONTRACTOR: License #	GPS Location: Lat:, Long:
Wellsite Geologist:	Name:	
Purchaser:	Wellsite Geologist:	
Designate Type of Completion: Field Name: New Well Re-Entry Workover Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. Producing Formation: Producing Formation: CAIr Coal Bed Methane) Elevation: Grad Cemented at: Feed Multiple Stage Cementing Collar Used? Yes No If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Feed depth to: Feed depth to: Operator: Well Name: Original Total Depth: Feed depth to: w/	Purchaser:	
Field Name: Field Name: Oil WSW SWD Gas DXA ENHR OG GSW Temp. Abd. CM (Coal Bed Methane) Temp. Abd. CAthodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes No If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Fe Operator: Original Total Depth: feet depth to: w/ Original Comp. Date: Original Total Depth: feet depth to: w/ sx c Dial Completion Permit #: Chloride content: ppm Fluid volume: b Dual Completion Permit #: Location of fluid disposal if hauled offsite: Operator Name: Coperator Name: Coperator Name: Coperator Name: Lease Name: License #: Coperator Name: <	Designate Type of Completion:	Lease Name: Well #:
Producing Formation: Oil WSW Gas D&A Coli Gas OG GSW CM Coal Bed Methane) Cathodic Other (Core, Expl., etc.): Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes Yes No If Workover/Re-entry: Old Well Info as follows: If yes, show depth set: Operator:		Field Name:
Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Temp. Abd. Cathodic Other (Core, Expl., etc.): Multiple Stage Cementing Collar Used? Yes Multiple Stage Cementing Collar Used? Yes Operator: Well Name: Original Comp. Date: Original Total Depth: Plug Back Conv. to ENHR Commingled Permit #: Dual Completion Permit #: SWD Permit #: SWD Permit #: GSW Permit #: SWD Permit #: Operator Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite: Operator Name: Location of fluid disposal if hauled offsite:		Producing Formation:
Image: Construction of the construc		Elevation: Ground: Kelly Bushing:
Amount of Surface Pipe Set and Cemented at: 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 Completion Permit #: Dual Completion Permit #: SWD Permit #: GSW Permit #: Casto or Date Reached TD Completion Date or Amount of Surface Pipe Set and Cemented at: Synd Date or Date Reached TD Completion Date or		Total Vertical Depth: Plug Back Total Depth:
Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator: If Alternate II completion, cement circulated from: Well Name: Original Comp. Date: Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Commingled Permit #: Dual Completion Permit #: SWD Permit #: Operator of fluid disposal if hauled offsite: Operator Name: Lease Name: License #: Quarter Spud Date or		Amount of Surface Pipe Set and Cemented at: Feet
If Workover/Re-entry: Old Well Info as follows: If yes, show depth set:		Multiple Stage Cementing Collar Used?
Operator:		If yes, show depth set: Feet
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 #:	·	If Alternate II completion, cement circulated from:
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer Drilling Fluid Management Plan Dual Completion Permit #: Chloride content: ppm SWD Permit #: Dewatering method used: Dewatering method used: Dewatering method used: GSW Permit #: Completion of fluid disposal if hauled offsite: Operator Name: Lease Name: License #: Spud Date or Date Reached TD Completion Date or Quarter Sec. Twp. S. R. East Wo	Well Name:	feet depth to:w/sx cmt.
Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #:		
Plug Back Conv. to GSW Conv. to Producer (Data must be collected from the Reserve Pit) Commingled Permit #:	Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: License #: Lease Name: License #: Quarter Sec TwpS. R East	Plug Back Conv. to GSW Conv. to Producer	
Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #: Operator Name: Lease Name: Lease Name: License #: Out Date or Date Reached TD Completion Date or		Chloride content: ppm Fluid volume: bbls
SWD Permit #: Location of fluid disposal if hauled offsite: ENHR Permit #: Operator Name: GSW Permit #: Lease Name: Spud Date or Date Reached TD Completion Date or		Dewatering method used:
ENHR Permit #: GSW Permit #: Date or Date Reached TD Completion Date or Completion Date or		Location of fluid disposal if bauled offeite:
GSW Permit #: Operator Name: Spud Date or Date Reached TD Completion Date or Operator Name: License #: Quarter Sec TwpS. R EastWe		Location of huid disposal if nauled offsite.
Spud Date or Date Reached TD Completion Date or Lease Name: License #: Quarter Sec TwpS. R East We		Operator Name:
Spud Date or Date Reached ID Completion Date or		Lease Name: License #:
	Spud Date or Date Reached TD Completion Date or	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:

	Page Two	1190037
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS: Chause important tang of formations paratested	atail all aaraa Bapart all final	apping of drill stome tools giving interval tooled, time tool

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 (Attach Additional She	eets)	Yes No		-	on (Top), Depth ar		Sample	
Samples Sent to Geolog	gical Survey	Yes No	Name	e		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
	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	
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD				
Purpose:	Depth	Turne of Operation	III On also I land		Turne and D			

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

 No
 (If No, skip question 3)

 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 R	un:	No					
			Producing M	lethod:	ping	Gas Lift	Other (Explain)			
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
						1			I	
DISPOSITION OF GAS:				METHOD OF COMPLETION:		_	PRODUCTION IN	TERVAL:		
Vented Sold Used on Lease			Open Hole Perf. Dually							
(If vented, Submit ACO-18.) (Submit ACO-18.)				(Submit ACO-4)						

R.J. Enterprise 22082 NE Neosho RD Garnett, KS 66032

Welsh,R 1-A

Start 1	1-25-2013	
Finish	11-26-2013	,

3 3 soil 7 clay/rock 4 10 3 lime 61 51 shale 68 7 lime 94 26 shale 101 7 lime 106 shale 5 149 lime 43 157 shale 8 174 17 lime 179 shale 5 199 lime 20 375 shale 176 392 lime 17 447 shale 55 480 33 lime 507 shale 27 524 lime 17 529 shale 5 539 lime 10 550 shale 11 554 lime 4 695 shale 141 odor 700 sandy shale 5 odor 719 Bkn sand 19 show 727 oil sand 8 729 limey sand 2 good show 746 Bkn sand 17 Show 750 limey sand 4 T.D. 786 shale 36

set 20' 7" ran 779.2' 2 7/8 cemented to surface 72 sxs

