

Confidentiality Requested:

Yes No

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1217159

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 #	API No. 15				
Name:	Spot Description:				
Address 1:	SecTwpS. R 🔲 East 🗌 West				
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: ()	□NE □NW □SE □SW				
CONTRACTOR: License #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
New Well Re-Entry Workover	Field Name:				
☐ Oil       ☐ WSW       ☐ SHOW         ☐ 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:	Producing Formation:  Elevation: Ground: Kelly Bushing: Feet  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: sx cmt.				
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 (Data must be collected from the Reserve Pit)				
Commingled         Permit #:	Chloride content: ppm Fluid volume: bbls  Dewatering method used:  Location of fluid disposal if hauled offsite:  Operator Name:				
GSW Permit #:	Lease Name:				
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:				

Operator Name:			Lease Name:			Well #:	
SecS.	R	East West	County:				
INSTRUCTIONS: Show imports open and closed, flowing and and flow rates if gas to surface	shut-in pressure	es, whether shut-in pre	ssure reached stati	c level, hydrosta	tic pressures, bott		
Final Radioactivity Log, Final files must be submitted in LA				gs must be ema	iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken Yes No (Attach Additional Sheets)				Log Formation (Top), Depth and Datum			Sample
Samples Sent to Geological Survey		Nam	Э		Тор	Datum	
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on etc		
2 (2)	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
	<u> </u>	ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	ı	
Purpose:         Depth Top Bottom         Type of Cement           — Perforate         — Protect Casing           — Plug Back TD         — Plug Back TD		# Sacks Used Type and Percent Additives					
Plug Off Zone							
Did you perform a hydraulic fractu Does the volume of the total base Was the hydraulic fracturing treat	fluid of the hydrau	ulic fracturing treatment ex		Yes [ Yes [ Yes [ Yes [	No (If No, ski	p questions 2 ar p question 3) out Page Three	
Shots Per Foot		I RECORD - Bridge Plugotage of Each Interval Perf			cture, Shot, Cement		d Depth
	Spoon, 1 oc		J. C.	(, ,		onal Good	Sopa.
TUBING RECORD: Siz	re:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed Producti	on, SWD or ENHF	R. Producing Meth		Gas Lift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbl		Mcf Wate			as-Oil Ratio	Gravity
DISPOSITION OF G	3ΔS·	Λ.	METHOD OF COMPLE	TION		PRODI ICTIC	ON INTERVAL:
	Jsed on Lease	Open Hole		Comp. Cor	nmingled mit ACO-4)	FRODUCTIO	ZIN IIN I ERVAE.

Form	ACO1 - Well Completion		
Operator	Northern Lights Oil Company, LLC		
Well Name	KEENAN 1		
Doc ID	1217159		

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	_	Type Of Cement	Type and Percent Additives