KOLAR Document ID: 1414679

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:			
Name:	Spot Description:			
Address 1:				
Address 2:	Feet from North / South Line of Section			
City:	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.xxxxx) (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:			
	Producing Formation:			
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:			
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:			
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet			
<ul><li>☐ CM (Coal Bed Methane)</li><li>☐ Cathodic</li><li>☐ Other (Core, Expl., etc.):</li></ul>	Multiple Stage Cementing Collar Used? Yes No			
	If yes, show depth set: Feet			
If Workover/Re-entry: Old Well Info as follows:				
Operator:	If Alternate II completion, cement circulated from:			
Well Name:	feet depth to: sx cmt.			
Original Comp. Date: Original Total Depth:				
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan			
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)			
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls			
Dual Completion Permit #:	Dewatering method used:			
SWD Permit #:	Location of fluid disposal if hauled offsite:			
EOR	·			
GSW	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West			
Recompletion Date 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 Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II III Approved by: Date:				

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#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	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 (Attach Additional Sheets)				es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name	)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€  Y€	es No						
			Repo		RECORD [	Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[	Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	ad Paraant Additivas	
Perforate Protect Casing Plug Back TD		туре	or cement	# Sacks Used		туре а	Type and Percent Additives			
Plug Off Z										
2. Does the volume	1. Did you perform a hydraulic fracturing treatment on this well?  2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  3. 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, fill out Page Three of the ACO-1)						,			
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping  Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	TUBING RECORD: Size: Set At: Packer At:									

Form	ACO1 - Well Completion
Operator	N & W Enterprises, Inc.
Well Name	FORRESTER INJ 10
Doc ID	1414679

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	8	14	20	Portland	4	0
Production	5.875	2.370	6.5	417	Portlaind	63	0

## Kepley Well Service, LLC

19245 Ford Road Chanute, KS 66720 Date

Invoice #

6/22/2018

49504

N & W Enterprise Inc. 1111 S. Margrave Fort Scott, KS 66701

(x) Landed Plug on Bottom at 600 PSI () Shut in Pressure (x)Good Cement Returns () Topped off well with\_ \_\_\_\_ sacks (x) Set float shoe

TYPE OF TREATMENT: Production Casing HOLE SIZE: 5 5/8"

TOTAL DEPTH: 420

48-1103536	Terms	Due	Date
Crawford	Net 30 days	7/22/	2018
		-	

Service or Product	Qty	Per Foot Pricing/Unit Pricing	Amount
Cement in new well, 420' Sales Tax	417	3.00 7.50%	1,251.00 0.00

Forester Inj. #10 Crawford County Section: 34 Township: 28 22E Range:

Total	\$1,251.00
Payments/Credits	-\$1,251.00
Balance Due	\$0.00

Phone #	E-mail
620-431-9212	rustypickle@hotmail.com

Hooked onto 2 7/8" casing. Established circulation with .25 barrels of water, GEL, METSO, COTTONSEED ahead, blended 63 sacks of 2% cement, dropped rubber plug, and pumped 2.4 barrels of water

Total	\$1,251.00
Payments/Credits	-\$1,251.00
Balance Due	\$0.00



### Operator:

N & W Enterprises, Inc.

# Forrester # Inj 10

Crawford Co., KS 34-28-22E API # 15-037-22389-00-00

Spud Date:

6/20/2018

Surface Bit:

9.875"

**Surface Casing:** 

7.0"

Drill Bit:

5.875"

Surface Length:

20'

Longstring:

416.95'

**Surface Cement:** 

4 sx

Longstring Date: 6/21/2018

Longstring:

# **Driller's Log**

	211110. 0 = 09					
Top	<b>Bottom</b>	Formation	Comments			
0	2	Soil				
2	14	Sand Stone				
14	74	Shale				
74	76	Lime				
76	83	Shale				
83	114	Lime				
114	139	Shale				
139	151	Sandy shale				
151	181	Shale				
181	201	Lime				
201	207	Shale				
207	214	Lime				
214	312	Shale				
312	313	Lime				
313	376	Shale				
376	377	Coal				
377	380	Sand	Laminated sand, mostly shale, slight odor			
380	388	Sand	Solid, soft sand, good bleed			
388	420	Shale				
420		TD				