KOLAR Document ID: 1414644

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			
☐ CM (Coal Bed Methane)☐ Cathodic☐ Other (Core, Expl., etc.):	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 Name:			Well #:	
Sec Twp.	S. R.	Ea	ast 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 files must be subm						iled to kcc-well-lo	gs@kcc.ks.go\	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	pe of Cement	# Sacks Used		Type and F	Percent Additives	
Protect Casi								
	Plug Off Zone							
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 question 3) No (If No, fill out Page Three of the ACO-1)					,			
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
(If vented, Submit ACO-18.)								
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion	
Operator	N & W Enterprises, Inc.	
Well Name	FORRESTER INJ 5	
Doc ID	1414644	

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	2.375	6.5	417	Portland	59	0

Kepley Well Service, LLC

19245 Ford Road Chanute, KS 66720 Date Invoice # 6/22/2018 49505

N & W Enterprise Inc. 1111 S. Margrave Fort Scott, KS 66701 (x) Landed Plug on Bottom at 750 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'	417	3.00	1,251.00
Sales Tax		7.50%	0.00

6.25.18
Forester Inj. #5
Crawford County
Section: 34
Township: 28
Range: 22E

Hooked onto 2 7/8" casing. Established circulation with .25 barrels of water. GEL. METSO, COTTONSEED ahead, blended 59 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		

Phone #	E-mail
620-431-9212	rustypickle \widehat{a} hotmail.com



Operator:

N & W Enterprises, Inc.

Forrester # Inj 5

Crawford Co., KS 34-28-22E API # 15-037-22386-00-00

Spud Date:

6/21/2018

Surface Bit:

9.875"

Surface Casing:

7.0"

Drill Bit:

5.875"

Surface Length:

20'

Longstring:

417.30

Surface Cement:

4 sx

Longstring Date: 6/22/2018

Longstring:

Driller's Log

Dillion 6 2 9					
Bottom		Comments			
2					
10					
73	Shale				
75	Lime				
83	Shale				
98	Lime				
100	Shale				
110	Lime				
145	Shale				
149	Sand	Slight bleed to pit			
187	Shale				
199	Lime				
205	Shale				
211	Lime				
310	Shale				
312	Lime				
372	Shale				
373	Coal				
375	Sand	Solid sand,good bleed, good odor			
377	Sand	Laminated sand,good bleed,good odor			
388	Sand	Good solid, great bleed, soft, good odor			
420	Shale				
	TD				
	2 10 73 75 83 98 100 110 145 149 187 199 205 211 310 312 372 373 375 377 388	2 Soil 10 Sand Stone 73 Shale 75 Lime 83 Shale 98 Lime 100 Shale 110 Lime 145 Shale 149 Sand 187 Shale 199 Lime 205 Shale 211 Lime 310 Shale 312 Lime 372 Shale 373 Coal 375 Sand 377 Sand 388 Sand 420 Shale			