KOLAR Document ID: 1672512

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: 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.xxxxx) (e.gxxx.xxxxx)
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?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
•	If Alternate II completion, cement circulated from:
Operator:	•
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 Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. 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 Approved by: Date:

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#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS	S. R	Eas	st West	County:					
	l, flowing an	d shut-in press	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							s must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests (Attach Addit		1		Yes No		Lo	g Formation	n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Logs	s		Yes No Yes No Yes No						
			Rep	CASING	RECORD [	New e, interr		on, etc.		
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EZE RECORD			
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement	# Sacks Use	ed		Type and	Percent Additives	
Protect Ca										
Plug Off Z										
Did you perform     Does the volume     Was the hydraul	e of the total I	base fluid of the	hydraulic f	fracturing treatment		-	Yes s? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) Il out Page Three	
Date of first Produ Injection:	iction/Injection	n or Resumed Pr	roduction/	Producing Meth	od:	Пе	ias Lift O	ther <i>(Explain)</i>		
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ION:			ON INTERVAL:
Vented		Used on Lease		Open Hole		Oually C Submit A		mingled nit ACO-4)	Тор	Bottom
,	ed, Submit AC					1				
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	ize:	Set At	: -	Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	NORTH WELSH WSW1
Doc ID	1672512

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	10.75	8.625	17	20	portland	6	n/a
Production	8.625	5.5	11	1026	portland	130	n/a

### North Welsh wsw 1

3	soil	3	start 9/21/2022
13	clay and rock	16	finish 9/26/2022
84	shale	100	
100	lime	200	
188	shale	388	
16	lime	404	set 20' 8 5/8"
56	shale	460	ran 1026' 5 1/2
30	lime	490	drilled 7 7/8 to 1036
30	shale	520	hurricane cemented to surface
18	lime	538	drill 4 3/4 hole to td
10	shale	548	
8	lime	556	
9	shale	565	
6	lime	571	
334	shale	915	
35	lime	950	
20	lime break	970	
90	lime	1060	
40	lime break	1100	
36	lime	1136	td



			1215 Value (1868)		ETERNISH		
	MENT REPO	K1	Well:	No	orth Welsh	U 単 Ticket:	EP6061
4000	Energy		County:		AN, County	Date:	9/23/2022
state: Ga	rnett, KS				34-21-21	Service:	Longstring
eld Rep: Ja	son Kent		S-T-R:		042121		
and the second second second			Calculated Slur	ry - Lead			ed Slurry - Tail
Downhole Info	7 7/8 in			conobond 1	# PS	Blend:	
Hole Size: ole Depth:	ft		Weight:	13.6 ppg		Weight:	ppg gal ( sx
asing Size:	5 1/5 in		Water / Sx:	7.1 gal		Water / Sx: Yield:	ft <sup>2</sup> / sx
ing Depth:	1029 ft		Yield:	1.56 ft <sup>3</sup> /		Annular Bbls / Ft.:	bbs / ft.
ing / Liner:	in		Annular Bbis / Ft.:		I ft.	Depth:	ft
Depth:	ft		Depth:	ft		Annular Volume:	0 bbis
oi / Packer:			Annular Volume:	0.0 bbi	5	Excess:	
Fool Depth:	ft		Excess:	0.0 bbl		Total Slurry:	0.0 bbls
placement:	22.5 bbls		Total Slurry:	0.0 sx	8	Total Sacks:	0 sx
	STAGE		Total Sacks:				
ME RATE	PSI BBLs	BBLs	On location, Held saftey	meeting			
00 PM	•	<u> </u>	On location, here same,				
$\rightarrow$		-	Established circulation t	hrough casing			
4.0		-		of Rentonite G	el followed by 4BBL of	fresh water	
4.0		<b>—</b>	Mixed and pumped 180	SKS of Econbe	and cement with 1# Phe	noseal per sk, cement to sur	ace
4.0		1 .	Displaced 22.5 BBL of fr	esh water to le	ave 100 FT in casing		
4.0			Shut in casing				
4.0			washed up equipment				
1.0							
2:00 PM		-	Left location				
		-					
ONE TO COMP							
			_				
	-	+					
	-	_	+				
	-	-					
	+				_		
	-	-					
	+						
	+						
	+	-			In a line of the second		
	+					SUMMAR	Y
	CREW		UNIT			THE RESIDENCE THE RESIDENCE	Total Fluid
Cemente		ott	89	4	Average Rate	Average Pressure psi	- bbis
Pump Operate			238	4	4.0 bpm	- psi	
	Keith Detv		248				

Scott Mcrea

Bulk #2:

136/129