KOLAR Document ID: 1683812

Confident	tiality 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 & LEAS	SE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
OG GSW CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/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)
	Chloride content:ppm Fluid volume:bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Dewatering method dood
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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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Operator Nam	ne:			Lease Name:	_ Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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 Take				Yes] No			Log	Formatio	n (Top), Deptl	n and Datum	Sample
(Attach Additiona				<i>(</i>	1		Nan	ne			Тор	Datum
Samples Sent to Ge Cores Taken Electric Log Run Geologist Report / M List All E. Logs Run:	Mud Logs	rvey		Yes Yes Yes] No] No] No] No							
			Rep			RECORD			Used	on, etc.		
Purpose of String		ze Hole Drilled	S	ize Casing et (In O.D.]	Wei Lbs.	ght	5	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Purpose:		Depth	Tur			_ CEMENTI # Sacks		UEEZE	RECORD	Tupo or	d Paraant Additivaa	
Perforate	Тор	Bottom	τyp	Type of Cement		# 54068	oseu	Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone												
 Did you perform a h Does the volume of Was the hydraulic fr Date of first Production Injection: 	the total base	e fluid of the h	ydraulic f ion subm	racturing t itted to the Produce		cal disclosure	e registry		☐ Yes ☐ Yes ☐ Yes ft ☐ O	No (If No	, skip questions 2 ar , skip question 3) , fill out Page Three	
Estimated Production Per 24 Hours	I	Oil B	Bbls.	Ga	as	Mcf	Water Bbls. Gas-Oil Ratio Gravi				Gravity	
DISPOSIT	TION OF GAS	5:			1						DN INTERVAL: Bottom	
	old Use	ed on Lease 3.)		Open Ho	le	Perf.	Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)					
Shots Per Foot	Perforation Top	Perforat Bottor					ıg		Acid,		Cementing Squeeze Kind of Material Used)	
TUBING RECORD:	Size:		Set At	:		Packer At:						

Form	ACO1 - Well Completion			
Operator	Bobcat Oilfield Service, Inc.			
Well Name	NUTT DW-4			
Doc ID	1683812			

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	8.75	6	10	20	Portland	5	50/50 POZ
Production	5.625	2.875	8	710	Portland	105	50/50 POZ

Lease:	Nutt				Well #: DW-4		
Owner:	Bobcat Oilfield	Service LLC	Dale Jackson Pro	duction Co.	Location: W2NESESW Sec13 Twp16 S. R.21		
OPR #:	3895		Box 266 Mound City, KS 66056				
Contractor:	DALE JACKSON	PRODUCTION CO.	Cell # 620-363-2683				
OPR #:	4339	- 5 / FL - 62.	Office # 620-3	363-2696	FSL		
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾″			FEL: API#: 15-121-31765-00-00		
Longstring:	Cemented:	Hole Size:			Started: 11-18-2022		
709.85	105 Sacks	5 5/8			Completed: 11-21-2022		
2 7/8 8rd	56 Portland 49 Flyash		SN: None	Packer: None	TD: 716'		
			Plugged: None	Bottom Plug: None			
	WellIo	~					

Well Log

BTM Depth	Formation	TKN	BTM Depth	Formation
2	Topsoil	4	627	Shale (Limey)
8	Clay (Rocks)	3	630	Lime
15	Lime (Broken)	5	635	Black Shale
20	Black Shale (Lime Stk)	6	641	Shale (Limey)
44	Lime	2	643	Lime
47	Shale	3	646	Shale (Limey)
50	Red Bed	1	647	Lime
67	Shale	4	651	Shale (Limey)
87	Lime	2	653	Light Shale (Limey)
95	Shale	1	654	Sandy Shale (Oil Sand Stk) (Poor Bleed)
120	Sandy Shale	2	656	Oil San (Shaley) (Fair Bleed)
179	Shale	2	658	Oil Sand (Some Shale) (Good Bleed)
199	Lime	2	660	Oil Sand (Good Bleed)
207	Shale	6	666	Oil Sand (Some Shale) Fair Bleed)
220	Sandy Shale	2	668	Oil Sand (Shaley) (Poor Bleed)
229	Shale (Limey)	2	670	Sandy Shale (Oil Sand Stk) (Poor Bleed)
236	Lime	TD	716	Shale
239	Black Shale			
256	Shale			
266				
273	Lime			
279	Shale (Limey)			
290	Shale			
321	Lime			
326	Black Shale			
331	Shale (Limey)			
351	Lime			
357	Black Shale			
369	Lime			
396	Shale (Limey)			
415	Sandy Shale			
537	Shale			
545	Lime			
551	Black Shale			
575	Shale (Limey)			
581	Lime			
586	Sandy Shale (Oil Sand Stk) (Limey) (Poor Bleed)			
599	Shale (Limey)			
	Lime			
	Coal			
			L	
	Depth 2 8 15 20 44 47 50 67 87 95 120 179 199 207 220 236 239 256 266 273 290 321 326 331 351 357 369 396 415 537 545 551 586	Depth2Topsoil8Clay (Rocks)15Lime (Broken)20Black Shale (Lime Stk)44Lime44Shale50Red Bed67Shale87Lime95Shale120Sandy Shale120Sandy Shale120Sandy Shale120Sandy Shale120Sandy Shale227Shale236Lime237Shale239Shale (Limey)236Lime239Black Shale256Shale256Shale273Lime239Shale (Limey)236Lime239Shale (Limey)236Black Shale231Lime331Shale (Limey)331Shale (Limey)351Lime357Black Shale351Lime354Lime357Shale (Limey)351Black Shale357Shale (Limey)351Black Shale353Shale (Limey)351Black Shale353Shale (Limey)351Black Shale353Shale (Limey)351Black Shale353Shale (Limey)351Black Shale353Shale (Limey)354Lime354Shale (Limey) (Poor Bleed)354Shale (Limey)	DepthImage: constant integration integratin integration integrati	DepthImage of the part of the



Dale Jackson Production Co. Box 266, Mound City, KS 66056 Cell # 620-363-2683 Office # 620-363-2696

