KOLAR Document ID: 1677668

Confident	tiality Re	equested:
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 -		WELL &	IEASE
VV ĽLL		DESCRIP	WELL Q	LEASE

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.xxxx) (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:
	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 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: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)
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 III Approved by: Date:

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Operator Nam	ie:			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 Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on, etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	mingled	юр	
Shots Per Perforation Perforation Bridge Foot Top Bottom Ty		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)		
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Bobcat Oilfield Service, Inc.
Well Name	SHIELDS H-2
Doc ID	1677668

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		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	705	Portland	102	50/50 POZ

Owner:	Bobcat Oilfiel				
			Dale Jackson Pro	duction Co.	Location: NENWNWNW Sec.13 Twp16
OPR #:	3895		Box 266, Mound C	ity. Ks 66056	S. R.21 E
Contractor:	DALE JACKSO	N PRODUCTION CO.	Cell # 620-36		County:Miami
OPR #:	4339	-a /H\	Office # 620-3	63-2696	FSL: FEL:
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾"			API#:15-121-31726-00-00
Longstring:	Cemented:	Hole Size:	1		Started:10-4-2022
705'	102 Sacks	5 5/8			Completed:10-5-2022
2 7/8	53 Portland		SN: None	Packer: None	TD: 711'
8rd	49 Flyash				l
			Plugged: None	Bottom Plug:None	7

Well Log

	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Topsoil	1	662 ½	Lime
3	5	Clay	1½	664	Sandy Shale (Oil Sand Stk) (Poor Bleed)
10	15	Lime	3 ½	667 ½	Oil Sand (Some Shale) (Good Bleed)
10	25	Black Shale	2	669 ½	Oil Sand (Heavy Bleed)
10	35	Lime	2	671 ½	Oil Sand (Shaley) (Fair Bleed)
3	38	Shale	3 1⁄2	675	Sandy Shale (Oil Sand Stk) (Poor Bleed)
26	64	Lime	2	677	Sandy Shale (No Oil Show)
11	75	Shale	TD	711	Shale
15	90	Sandy Shale			
20	110	Lime			
6	116	Shale			
4	120	Sandy Shale			
5	125	Sand			
11	136	Sandy Shale			
61	197	Shale			
20	217	Lime			
29	246	Shale			
5	251	Lime			
32	283	Shale (Limey)			
	286	Lime			
26	312	Shale			
	337	Lime			
	341	Black Shale			
5	346	Light Shale			
40	386	Lime			
3	389	Black Shale			
6	395	Lime			
92	487	Shale			
10	497	Light Shale (Limey)			
53	550	Shale			
7	557	Lime			
30	587	Shale (Limey)			
8	595	Lime			
14	609	Light Shale			
4	613	Lime			
	632	Shale (Limey)			
8	640	Lime			
	650	Shale (Limey)			
	655	Lime			
	656	Coal			
	659	Shale			
	660	Light Sandy Shale (Odor)			
	661 ½	Sand (Strong Odor) (Gas Show)			



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



Core Run <u>#1</u>

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	661	0:00		Sand (Strong Odor) (Some Gas)	661 ½
1	662	0:30	1/2	Lime	662 ½
2	663	2:00	1 1⁄2	Sandy Shale (Oil Sand Stk (Poor Bleed)	
3	664	4:30	2 1/2	-	664
4	665	5:30	1	Oil Sand (Some Shale (Good Bleed)	
5	666	6:30	1		
6	667	7:30	1		667 ½
7	668	8:30	1	Oil Sand (Heavy Bleed)	
8	669	9:00	1/2		669 ½
9	670	9:30	1/2	Oil Sand (Shaley) (Fair Bleed)	
10	671	10:30	1		671 ½
11	672	12:00	1 ½		
12	673	15:00	3	Sandy Shale (Oil Sand Stk) (Fair Bleed)	
13	674	17:00	2		
14	675	19:00	2		675
15	676	21:30	2 ½		
16	677	23:00	1 1⁄2		
17	678	25:00	2	Sandy Shale (No Oil Show)	
18	679	27:30	2 1/2]
19					
20					