KOLAR Document ID: 1444037

Confiden	tiality Requeste	d:
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 	VOF WELL	& LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from D 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: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
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 □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
Gas DH EOR	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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
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 #:	
SWD Permit #: EOR Permit #:	Location of fluid disposal if hauled offsite:
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:					

KOLAR Document ID: 1444037

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 Used on Lease Open Hole Perf. (If vented, Submit ACO-18.)			-	·	mingled	юр			
Shots Per Perforation Perforation Foot Top Bottom		Bridge Plug Bridge Plug Type Set At							
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Patterson Energy LLC
Well Name	BRADLEY SWD
Doc ID	1444037

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	345	Common	275	3%cc 2% Gel
Production	7.875	5.5	15	3402	Common	200	10% Salt 5% Gilsonite

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665

No. 1109

Cell 785-324-1041

0011100-024-1041			
Date 2-27-18 36	Twp. Range	County State On Location	Finish
		ation Cloffin - 3E to 1st Rd. IN	660011
Beadlow	Well No. SUD		1 11/5
Lease Drad QU	HU Well No. JUD	Owner To Quality Oilwell Cementing, Inc.	2 ¹ - 1
Contractor) SLOVERY	89	You are hereby requested to rent cementing equipment	nt and furnish
Type Job Longstonmy	3/201	cementer and helper to assist owner or contractor to	do work as listed.
Hole Size	T.D. 0681	To Hmerican oil	
Csg. Stan used 15,51		Street	1 - ¹⁹⁷²
Tbg. Size	Depth	City State	
Tool	Depth	The above was done to satisfaction and supervision of own	er agent or contractor.
Cement Left in Csg. 29,67	Shoe Joint 94.61	Cement Amount Ordered 200 Com 10 2 Salt	22 Gilsonite
Meas Line	Displace 30 2 1965	Soo gal mud Clear 48 - 10 Sta	HEL
- No. Cementer	PMENT	Common 200	an a siy wa
Pumptrk No. Driver	Javid	Poz. Mix	
Bulletek 19	14	Gel.	en ^e en de se
Bulktrky D. U. Driver Rich	X	Calcium	
JOB SERVICE	S & REMARKS	Hulls	
Remarks:		Salt /7	
Rat Hole	a ta ta ta	Flowseal ,	2
Mouse Hole		Kol-Seal 90077	
Centralizers 3,5,7,9	old in the second	Mud CLR 48 500 600	
Baskets 2,17		CFL-117 or CD110 CAF 38	
D/V or Port Collar DiDe on }	attom break Circulatio		-
Dump Son allmul C	bur 4× plus Rothile	Handling 226	
1.1 30.50 + mm.s	cha. 1120 ver	Mileage	
Hort - 56" Carl	no to mite 150 52	FLOAT EQUIPMENT	
Cemeto Shut La	in which rained to	Guide Shoe	
Line Displaced y	al will so has	Centralizer 4	
as Itan Rolas	and the hall	~	
Go Mari Nelea	en v ren	Baskets	
1011	H aza	AFU Inserts	
ity fre	ssure 150 #	Eleatshoe Triplex shoe	
	1500 4	Latch Down	
- Land pug to	1500 #		
V	N/	0.27	6 6 ° 6 ° 6 ° 1 ° 7 ° 1
		Pumptrk Charge prod String	10 × 1
- Na	•	Mileage 30	
	- Karalan and Andrews	Tax	
X / A /	· · · · · · · · · · · · · · · · · · ·	Discount	
X Signature Ava Wear	entiry	Total Charge	
	/		