KOLAR Document ID: 1455397

Confiden	tiality Re	quested:
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	& I FASE
	III JIONI	- DESCRIF HOR		a LLASL

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:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	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?
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 TwpS. R East West
Recompletion Date Reached TD Recompletion Date of 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			Yes 🗌 No			og Formatio	on (Top), Depth	and Datum	Sample
(Attach Additional Sh					Name	e		Тор	Datum
Samples Sent to Geolo Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:			Yes No Yes No Yes No Yes No Yes No						
		Rep	CASING	RECORD	_ Ne ^r e, inte		ion, etc.		
Purpose of String	Size Hole Drilled	S	ize 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 Perforate Top Bottom Protect Casing		Тур	Type of Cement # S		Used Type		Type and	and Percent Additives	
Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fractular 	total base fluid of th	ie hydraulic f	racturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	skip questions 2 ar skip question 3) iill out Page Three	
Date of first Production/In Injection:	jection or Resumed	Production/	Producing Meth	nod:		Gas Lift 🗌 C	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio	Gravity
			_					PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold	Used on Leas	Se Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)							
		oration ottom				ementing Squeeze			
TUBING RECORD:	Size:	Set At	:	Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	LAWRENCE 11
Doc ID	1455397

Casing

	Size Hole Drilled	Size Casing Set	U U	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	60	portland	10	
Production	5.625	4	6.5	1083	portland	135	

BOX 229 KANSAS CHANUTE.

P.

CONSOLIDATED OIL WELL SERVICE	•	PHONE HE 1-92	10	IICKEI 9	146
Date / 17 / 7/ Oustomer's Order No. Customer's	Beg. No. Sec.	Twp. Bange Well No.	LAWRENC	E for	Destination
Charles To I BEE A	ouch	Owner		County	sety
Miniling Address farst the hiller	3	Contractor	tin Too	CS State	nors.
City & State	Contraction of				
	and the second second		Owner, Operator o	His Arent	
	CEMENTIN	G SERVICE DATA			
TYPE OF JOB CASING	HOLE DATA	PLUGS AND HEAD	PRESSU	and the state of the state	MENT LEFT IN CASING
	ze 61	Top	Circulating		essity ()
T	epth 1085	Head Pert	Maximum	00 Me	asured
T	able	FLOAT EQUIPMENT	Sacks Cement	p135	2
Other Depth /035 R	otary	TCONT Shot;	Admixes	22	OP 1 -
REMARKS	1.2.13	· · · · · · · · · · · · · · · · · · ·	的物质情形	- 神经学校的	
	FRACTURIN	NG SERVICE DATA			
Type of Job	A	At Intervals of			2 Participation of the
Bbis. Fracturing Fluid Breakdown P	Plant - Carlo - Carlos	psl		pal	
Treating Pressures: Maximum psi.] Sand Gais. Treatin	Minimum g Acid	pal Avg. Pu Typ	ump Rate	GPM/BPM Open Hole Dian	Close In psi
Well Treated Through: Tubing Casi	ng	Annulus	Size		Weight
Remarks	· 关于这些人的主义。 1997年1月1日日			CHERCE CONTRACTOR	
No. Perforations Pay Fe	ormation Name			Depth of Job	and a straight pr.
Must Be Signed ONLY If Process License Fee Does Not Apply and Conditions Set Forth Below Are True: The oil used as fracturing fluid in this treat- ment was produced from the same formation in the same field as the well being treated and was used in an unaltered condition.	Base Charge	The second s	NVOICE SECTIO	n newt *	216.00
Well Owner, Operator or Contractor	Others	- 4 % F	COAT !	SHOR	- 42,0-0
By, His Agent	A A A A A A A A A A A A A A A A A A A	(+	ON MIC	ENGE)	34
	Sales Tax	and the second second			
	TOTAL			1	478.75
INVOICE		OCT 181971	L rd. Ck. No <u>57</u>	762	

OCT 181971 Hd. Ck. No.5762

D. D. Sandlin Drilling Co.

Rotary Drilling -:- Diamond Coring

DRILLED FOR: LARRY % JOE PHILLIPS GRIDLEY, KANSAS FARM LAWRENCE WELL # 11 COFFEY COUNTY, KAN		
THICKNESS	FORMATIONS	TOTAL DEPTH
2	soil	2
13	Llay	15
6	sand stone w/ clay	21
ųı	shale	62
2	lime	67 71
2 13 6 41 5 45 140 38 49 15 34 24	shale	
210	lime	76 216
28	shale shale w/ lime st	254
10	lime	303
47	shale	303 318
34	lime	352
24	shale sandy	352 376 486
110	lime	<u>186</u>
39	shalley white lime	525 531 578 692
39 6	lime	531
47	shale	578
l iù	lime	692
146	shale	836 860
24	shale w/ lime st	860
29 3 7	lime w/ shale st	889
3	shale black	892
7	lime	899
29	sandy shale	928
28	sand	956
29	lime	985
5	shale black	990
36	lime	1026
29 5 36 5 2 10	shale black	1031
2	lime	1033 1043
17	shale w/ lime st oil sand broken	1045
26	shale	1086 T.D.
20		urface pipe an cemented
	cored from 1044 set 1083' of 4" bottom, cemented	to 1064' pipe with float on
	used 4" pipe.	