#### KOLAR Document ID: 1441200

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 - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R East 🗌 West
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 #	
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)
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?
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:	
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to S	
Plug Back Liner Conv. to GSW Conv. to Plug Back	
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:      EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date o	Quarter Sec Twp S. R East West
Recompletion Date Reached TD Completion Date Recompletion Date	

#### 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 Name:	Lease Name: Well #:
Sec TwpS. 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									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	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 Perf.		-	·	nit ACO-4)	юр	Bollom
	foration Perform Top Botto		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	Ensminger Energy LLC	
Well Name	MCFADDEN W-3 A	
Doc ID	1441200	

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	22	20	portland	5	0
Production	5.875	2.875	6.7	878	portland	105	0

## DRILLERS LOG

Company:	Ensminger Energy IIc	Contractor: EK Energy LLC		
		License# 33977		
Farm:	McFadden	County: Allen		
Well No:	W-3A	Sec: 12 TWP: 25 Range: 19E		
API:	15-001-31523	Location: 5195 FSL		
Surface Pipe:	20' - 7"	Location: 665 FEL		
		Spot: NE,NW,NE,NE		

hickness	Formation	Depth	Remarks
	SOIL & CLAY	1	Drilled 9.875 Hole Set 8 5/8
22	LIME	23	Drilled 5.875 " HOLE
11	SHALE	44	
18	LIME	62	
56	SHALE	118	Started 8/22/2018
128	LIME	246	Finished 8/29/2018
154	SHALE	450	
10	LIME	460	
71	SHALE	531	T.D. Hole 885'
37	LIME	568	T.D. Pipe878'
31	SHALE	599	
19	LIME	618	
11	SHALE	629	
5	LIME	634	
140	SHALE	774	
6	OIL SAND	780	
44	SHALE	824	
7	OIL SAND	831	
3	HARD SAND	856	
22	OIL SAND	856	
	SHALE	885	

# Invoice

12621

# epiovnl

## HAMMERSON CORPORATION

G92' KZ 66742 FO BOX 189

MOKYN' KS 99.22 1493 30001H SL Ensmingek enekgi

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8107/7/6

Date

STEE #77 33 81/6/6 GJ

A 2-W 2-B A

truomA	Sate		Description	Quantity
	Due on receipt			
Project	Terms	P.O. No.		
	U.S. M VEIZI	12/11/		

fnuomA	Rate	Description	ภามและกา
100.048 100.02 89.80	%SL'L 00'0S 00'8	SALES TAX TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK)	I

86.826\$	Total			'seomeno	nok yon tot your
		 1		ssauistiq	
그는 아이에 같다.					
동안 다양 문제					
이 이 영화에 있는					