KOLAR Document ID: 1376417

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 -	DESCRIPT	NFII &	IFASE
VVELL		DESCRIPT		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.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:
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 #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
Canad Data are Data Dasabad TD Completing Data are	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 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									
 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		-	·	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	Ace Energy LLC
Well Name	DR NELSON DR #3
Doc ID	1376417

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12	7	25	20	Pomix	6	0
Production	5.650	2.875	14	875	Pomix	84	0

OFC		951	Man	TICKET NUME	SER 539	02
	1		11h	LOCATION (Haug K	S
PRESSURE PUMPING LLC		/	41	FOREMAN (asa Keyn	ode
PO Box 884, Chanute, KS 667 620-431-9210 or 800-467-867		ET & TREA CEMEN		ORT IN	014 48	11785
DATE CUSTOMER #			and the second	8-0-		1.00
to be the second s			SECTION	TOWNSHIP	RANGE	COUNTY
(1717 1011 CUSTOMER	DK Nelson #	PR-3	NE18	21	16	AI.
ACE Everau						
MAILING ADDRESS 91			TRUCK #	DRIVER	TRUCK #	DRIVER
11704 Aber	I. De		729	(asken	~ Sala	Maching
CITY Abero	STATE ZIP CODE	_	4951	HarBoc	1	
1 1 .	KS UG		804	Miktas	V	
Leawood	ns do		6751	Keinst -	./	
JOB TYPE long String	HOLE SIZE 5%	HOLE DEPTH	1 875'	CASING SIZE & W	FIGHT 27	EVE
CASING DEPTH 848	DRILL PIPE	TUBING			OTHER	
SLURRY WEIGHT	SLURRY VOL	WATER gal/s	k	CEMENT LEFT In		
DISPLACEMENT 5.01645	DISPLACEMENT PSI	MIX PSI		115	CASING	
REMARKS; Hold salah	il noofine al. 11		a 1 a/a	RATE 7 00		
G. J. J. H. BI	- Li Store	idued Cir	culation, "	ninget p	unped a	00#
TT Patient L	Obs Wesh was	ter, mix	ed tour	ped 84	Sto The	ixablend
the cement wy	2 # thenoreal	per St.	Cellent	b surface	, flushad	PUMP
clean, sumped a	1/2 rudger dug	to casi	na TD w	1501 W	c Stack	in the
pressured to 800	1 PSI related	pressure	Shift in	asine.		
•		V		- Genge		
	A CONTRACTOR OF	The second s	1. Average of the second s		-1(+	
		WIT THINK THE WAY ALL THE WAY AND			177	
		an caning the second and the second second second	BOX MITHER STOLEN AND AND AND AND AND AND AND AND AND AN		TT-1	
	23.				/ /	

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ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
ECHSOR	0 1	PUMP CHARGE	1500.00	Contraction of the second second
Ecopa		MILEAGE	1500.	
EOTIN	1/2 Min	for mileage	330,00	
4083	dhs	20 Vac	200,00	
		tructs	2030. "	
		- 35%	710.50	
		Nobolal	1.0	1319.50
25861	84 sts	Thisopherd I connect	2268.00	-
ic 5945	200 \$	Gel	60.00	-
26079	42 #	Phenoscal	56.70	
P8174		21/2" rubber dug	45,00	
		materials	2429.70	
		- 35%	850.40	
		Subtotal		1579.30
	-	7.75%	SALES TAX	122.40
n 3737			ESTIMATED	
THORIZTION		TITLE		3021.20 4467.45

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

	Service Order and Delivery Receipt	OUR NO.
	MIDWEST SURVEYS LOGGING • PERFORATING • M.I.T. SERVICES P. O. Box 68 Osawatomie, KS 66064 913 / 755-2128	35998
of this order, Agent.	O CONDITIONS: Midwest Surveys is hereby instructed to deliver the equipment or ered hereon or as verbally directed, under the terms and conditions printed on the which I have read and understand and which I accept as Customer or as Customer	e reverse side r's Authorized
Service and/o	r Equipment Ordered Perforate	
SIGN BEFOR	E COMMENCEMENT OF WORK	- 18 A
Customer's N	ame ACE ENergy LLC By Customer's Authoriz	red Representative
Mailing Addre	CE ENERGY LLC Order No ame Nelson H OR Nelson J County ALLEN State KANSAS	Cosey Jesseph
QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
6_## 	2" DML RTG 120° phase Three (3) Perforations Per foot Minimum charge - Ten (10) Perforations Forty Six (46) Additional Perforations @ 22 ~ a One (1) Additional Run	840.00 10/2.00 585.00
1.00 1.00		
	Perforated AT : 737.0 T. 747.0 31 Perfs 752.0 T. 760.0 25 Perfs	
Serviced by:	Total The above described service and/or material has be hereby accepted and approved for payment. Customer's Name A.C.E. E.N.e.c.9.y. A By Customer's Authorized Representative White - Customer Canary - Accounting	

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Drillers Log

Company: ACE Energy Farm: DR Nelson Well # 3 Operator# Ace Energy Surface Pipe:20.5 with 6 sacks API.# 15-001-31497

Contractor: David Wrestler License #: 7160 County: Allen Sec: 18/26/18e Location: fsl 3575 location: fel 2175

Spot: se.nw.sw.ne.

Started 11/13/2017

finished 11/15/2017

Thickness		Depth	Remarks
	Top Soil	7ft	
3ft	Lime	180ft	
8ft	Shale	298ft	
2ft	Lime	330ft	
3ft	Shale	388ft	
Bft	Lime	431ft	
2ft	Shale	473ft	
5ft	Lime	488ft	
ft	Shale	497ft	
ft	Lime	501ft	
ft	Shale	599ft	
ft	Lime	600ft	
Boft	Shale	680ft	
5ft	sand	686ft	Odor oil show
18ft	Shale	724ft	
Bft	Oil Sand	732ft	Odor oil show
13ft	Sand Brk	745ft	Odor oil show
9ft	Shale	754ft	
14ft	Oil Sand	760ft	Very good Bleed
49ft	Shale	809ft	
11ft	Oil Sand	820ft	Oil Show
23ft	Oil Sand	843ft	Very good Bleed
45ft	Shale	888ft	
T.D. Well 888ft	5/5/8 bit		
T.D. Pipe 875ft.	2/7/8 pipe		