KOLAR Document ID: 1376415

Confidentiality 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 - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from 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: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxxx) (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	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
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)
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 #:	Location of haid disposal if hadica offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSec TwpS. 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 Approved by: Date:				

KOLAR Document ID: 1376415

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	rpS	S. R	Eas	st West	County:					
	l, flowing an	d shut-in pres	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests (Attach Addit		1		Yes No		Lo		n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Log	s		Yes No Yes No Yes No						
			Rej	CASING	RECORD [Nev		on, etc.		
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		'	
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement	# Sacks Use	ed		Type and	Percent Additives	
Protect Ca										
Plug Off Z										
Did you perform Does the volume Was the hydraul	e of the total	base fluid of the	hydraulic	fracturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) Il out Page Three	
Date of first Produ Injection:	ction/Injectio	n or Resumed Pi	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>		
Estimated Product Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			ON INTERVAL:
Vented		Used on Lease		Open Hole		Dually (Submit A		nmingled	Тор	Bottom
,	ed, Submit AC							·		
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	size:	Set A	: -	Packer At:					

Form	ACO1 - Well Completion
Operator	Ace Energy LLC
Well Name	DR NELSEN DR #1
Doc ID	1376415

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12	7	25	20	Pozblend	6	0
Production	5.625	2.875	14	850	Pozblend	109	0



TICKET NUMBER 53913

LOCATION OTTAWA KS

FOREMAN Fred Mades

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676 FIELD TICKET & TREATMENT REPORT

Involu #811729

The state of the s	10 or 800-467-8676	i		CEMEN	NTT	1)	Mala	DANGE	
DATE	CUSTOMER#	WEL	L NAME & NUME	BER L-1	SECT	ION	TOWNSHIP	RANGE	COUNTY
14-10-17	1011	DR N	elson	BR-1	NE	18	al	16	AL
COSTOMER	4				TRUC	K #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE		cergy L	LC			2/	FreMady		
	704 Aber	dean R	-			251	Har Bec	•	
CITY		STATE	ZIP CODE	1	-	56	mik Hea .		
Leaw	الممما	KS	66211						
JOB TYPE LO		HOLE SIZE	55/8	HOLE DEPT	H 6	57	CASING SIZE & W	EIGHT 2 %	" EUE
CASING DEPTH	0 .1	DRILL PIPE		TUBING				OTHER	
SLURRY WEIGH		SLURRY VOL_		WATER gal	/sk		CEMENT LEFT in		
		DISPLACEMEN	IT PSI	MIX PSI			RATE 4BP	n	
REMARKS: No	11 - ~		Shin C	loan W	10 ter	(See		they True	K to
A A	1 Light	1	blish	Cive (axion	m	ix + Pump	100 th Car	Q
Flush	Mixx	Pump	109 3145	Por F	3loud		Cament	270 Gel.	M-F105
Flosk		Surface			0 KIN			solace	22"
Zilala	an Alua		asing 7		SSUFE		800 \$ PS1.	Release	<i>J</i> 1
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ACCOUNT	QUANITY	or UNITS	DE	acription	of SERVICE	8 or PR	ODUCT	UNIT PRICE	TOTAL
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CC 5965		83 4	Bento	nite (iel			8420	
CC 6075		27**	Flos	cal				5400	
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Ravin 9737		Λ			AF-W-IRI-1			ESTIMATED	30, 1
	0	V						TOTAL	2842
AUTHORIZTION	1 (000)	Vooder		TITLE				DATE	(4372 6

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



MIDWEST SURVEYS

LOGGING • PERFORATING • M.I.T. SERVICES

P. O. Box 68 Osawatomie, KS 66064 913 / 755-2128

	Date	(11.29.1.1.7
TERMS AND services order, of this order, Agent.	CONDITIONS: Midwest Surveys is hereby instructed to deliver the equipment 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	or perform the ne reverse side er's Authorized
Service and/or	Equipment Ordered Perforate	
	COMMENCEMENT OF WORK	
		10.00 may 10.00 m
Gustomer's Na	ame ACE Energy LLC By. Customer's Author	rized Representative
Charge to A.	C Energy LLC Custom Order N	er's ocasey. Tosseph
	ss	**************************************
	OR Nelson County Allen State KANS	9.5
QUANTITY	DESCRIPTION OF SERVICE OR MATERIAL	PRICE
62 24	2" OML RTG 120 phose	
	Three (3) Perforations Per foot	
	Minimum Charge - Ten (10) Perforations	840.00
	FIFTY Two (52) Additional Petforations @ 22 w es	1144.00
-	One (1) Additional Run	\$ 585-w
	•	
	Perforated AT: 735.0 T. 755.0	-
	The above described service and/or material has	2569.00 been received and are
Serviced by:	hereby accepted and approved for payment. Customer's Name A C E Energy By Customer's Authorized Representative Canary — Accounting	

Drillers Log

Company: ACE Energy Farm: DR Nelson

Well #3

Operator# Ace Energy

Surface Pipe:20.5 with 6 sacks

API.# 15-001-31497

Started 11/13/2017

Contractor: David Wrestler

License #: 7160 County: Allen Sec: 18/26/18e Location: fsl 3575

location: fel 2175

Spot: se.nw.sw.ne.

finished 11/15/2017

Thickness		Depth	Remarks
ft	Top Soil	7ft	
.73ft	Lime	180ft	
18ft	Shale	298ft	
2ft	Lime	330ft	
58ft	Shale	388ft	
13ft	Lime	431ft	
12ft	Shale	473ft	
15ft	Lime	488ft	
9ft	Shale	497ft	
3ft	Lime	501ft	
8ft	Shale	599ft	
1ft	Lime	600ft	
80ft	Shale	680ft	
6ft	sand	686ft	Odor oil show
	Shale	724ft	
48ft 8ft	Oil Sand	732ft	Odor oil show
	Sand Brk	745ft	Odor oil show
13ft	Shale	754ft	
9ft	Oil Sand	760ft	Very good Bleed
14ft	Shale	809ft	
49ft	Oil Sand	820ft	Oil Show
11ft	Oil Sand	843ft	Very good Bleed
23ft 45ft	Shale	888ft	
4511	January		
T.D. Well 888ft	5/5/8 bit		
T.D. Pipe 875ft.	2/7/8 pipe		

Drillers Log

Company: Ace Energy Farm: DR Nelson

#1

Operator# Ace Energy

Surface Pipe: 22.ft with 6 sacks

API.# 15-001-31495

started 11-08-2017

Contractor: David Wrestler

License #: 7160 County: Allen Sec: 18/26s/21e Location:4455 fsl

location: 2175 fel Spot: ne.sw.nw.ne.

finished 11-09-2017

Thickness	Formation	Depth	Remarks
Sft .	Top Soil	8ft	
180ft	Lime	172ft	
303ft	Shale	123ft	
333ft	Lime	33ft	
400ft	Shale	67ft	
434ft	Lime	34ft	
478ft	Shale	44ft	
493ft	Lime	15ft	
501ft	Shale	8ft	
506ft	Lime	5ft	
603ft	Shale	97ft	
680ft	Shale	77ft	oil show
681ft	Brk Sand	1ft	good bleed
728ft	Shale	47ft	
737ft	sand	9ft	odor
756ft	oil sand	13ft	oil show
817ft	Shale	21ft	
822ft	Oil Sand	5ft	Good Bleed
857ft	Shale	35ft	
The second secon			f and
T.D. Well 857 5/5/8th			
T.D.Pipe 850ft 2/7/8			
	,		