Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1213552

Form ACO-1 August 2013 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. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East 🗌 West
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 #	
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:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
□ OG □ GSW □ Temp. Abd	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 ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Produ	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion       Permit #:         SWD       Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	— Quarter Sec 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

	Page Two	1213552
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTOLICTIONS. Chaw important tans of formations paratested	atail all aaraa Banart all final	conico of drill stome toste giving interval tosted, time tool

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 She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth						

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION RE Specify Footag	CORD - Bridge e of Each Interva		e	A	cid, Fracture, Shot, Ce (Amount and Kind	ement Squeeze Record of Material Used)	Depth
TUBING RECORD:	Siz	re: Se	et At:	Packer	r At:	Liner Ru	n:	No	
Date of First, Resumed	Producti	on, SWD or ENHR.	Producing		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	àAS:						PRODUCTION IN	TERVAL:
Vented Solo (If vented, Sul		Jsed on Lease	Open Hole	<i>fy)</i>	Uually (Submit)	,	Commingled (Submit ACO-4)		

	Mud Rotary Drilling Andrew King - Manager/Driller	ng anager/Driller			Bar	Bar Drilling, LLC Phone: (719) 210-8806	1, LLC 10-8806					Yatı	1317 es Center,	1317 105th Rd. Yates Center, KS 66783
$ \begin{array}{                                    $	Company	//Operator	Well No.	Leas	e Name		Well Locati	uo	1/4		1/4	Sec.	Twp.	Rge,
	It Energy Inc.		- cs-2	55	nafer		f370fsl, 181	5fwl	SW		NW	23	26	₩ 1
	). Box 388		Well API #		Type/We		County		State	Fotal De	<u> </u>	ste Startec		ompleted
	a, KS 66749		15-207-288		ĨÖ		Woodsor	<i>_</i>	Ş	1416		4/4/2014	4/9	/2014
$\begin transmissional line form transmission$	Job/Projec	t Name/No.	Curtano Dec			Bìt R	ecord		-		Cor	ng Record		
			ounace Ket	cora	Type	Size	From	To	Core #			From		% Rec.
	Drille	r/Crew	Bit Size:	11 1/4	PDC	11 1/4	0'	43.1	1	21		1240'	1267'	
	dy King		Casing Size:	8 5/8	PDC	6 3/4	43.1'	1416'						
Cement Used:       14sx       Cement Used:       14sx       Cement Used:       14sx       Cement Used:       14sx       Cement Type:       Portland			Casing Length:	43.1										
Image: contract type:Centent type:PontiandPontiandPontiandPontiand111From1301370binant1001010111130137313601373binant1001010111130137313801373binant10010101011113013731380saft stale101			Cement Used:	14sx										
<b>From tion From tion From tion From tion To</b> To <b>From tion From</b> To <b>From tion From</b> To         129       stallsand       130       1310       1310       stallsand <b>From To</b> 460       shale       137       380       stallsand <b>P P</b> 475       lime       1380       1404       stallsand <b>P P</b> 821       lime       1380       1404       stallsand <b>P P</b> 822       lime       1380       1404       stallsand <b>P P</b> 841       stallsand       1404       stall <b>P P P</b> 841       stallsand       1416       lime <b>P P P</b> 974       lime       1416       lime <b>P P P</b> 1016       ff T Scott) lime       P       P <b>P P P</b> 1020			Cement Type:	Portland										
ToFormationFomToFormationFromTo29soldsand13131350black sand11194shale13131310saft shale11460khale13331330saft shale11475lime13301391miss lime11480shale13301340soft lime11481shale13381404soft lime11821lime13381404soft lime11823lime111111841shale111111852lime111111954sandyshale111111954lime111111955shale111111956shale111111958shale1111111958shale1111111959lime1111111958shale1111111959lime1111111958shale11 <td></td> <td></td> <td></td> <td></td> <td>For</td> <td>mation F</td> <td>Record</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>					For	mation F	Record							
29       soil/sand       1318       1350       black sand         194       shale       1373       1350       black sand         460       lime       1373       1380       shale         490       shale       1373       1380       shale         715       lime       1391       miss lime         715       lime       1391       1391       miss lime         715       lime       1398       1404       shale         715       lime       1398       1404       soft lime         841       shale       1398       1404       soft lime         872       lime       1404       1416       lime         974       lime       1016       (FT Scott) lime       lime         1020       dark shale       1020       <		Forn	nation	From	To		Formation		From	ī —	•	ш	ormation	
194       shale       1370       1373       shale         460       ime       1373       1380       saft shale         460       shale       1373       1380       saft shale         490       shale       1373       1380       saft shale         715       ime       1398       1404       saft shale         715       ime       1398       1404       soft ime         841       shale       1398       1404       soft ime         852       ime       1404       1416       ime         852       ime       1404       1416       ime         956       sandy shale       1404       1416       ime         974       ime       1404       1416       ime         974       ime       998       shale       1016       (FT Scott) ime         974       ime       1016       (FT Scott) ime       1016       1016       (FT Scott) ime         1020       dark shale       1028       sandy shale       1229       sandy shale         1223       ime (5')       1234		soil/sand		1318	1350		black sand			_				
460       lime       1373       1380       saft shale         490       shale       1380       1391       miss lime         715       lime       1380       1391       miss lime         841       shale       1380       1391       miss lime         852       lime       1404       1416       lime         956       sandy shale       1404       1416       lime         974       lime       1016       (FT Scott) lime       lime         1020       dark shale       lime (5)       lime (5)       lime (5)         1021       dark shale       lime (5)       lime (5)       lime (5)         1022       lime (5)       lime (5)       lime (5)       lime (5)         1023 </td <td></td> <td>shale</td> <td></td> <td>1350</td> <td>1373</td> <td></td> <td>shale</td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td>		shale		1350	1373		shale			_				
490       shale       1391       miss time         715       time       1398       1404       soft time         841       shale       1398       1404       soft time         852       lime       1398       1404       soft time         956       sandy shale       1404       1416       time         974       lime       1404       1416       time         1016       (FT Scott) lime       1       1       time         1020       dark shale       1       1       time         1021       sandy shale       1       1       time         1223       black shale       1       1       time         1224       sandy shale       1       1		lime		1373	1380		saft shale							
715       lime       1398       1404       soft lime         841       shale       1404       1416       lime         852       lime       1404       1416       lime         852       lime       1404       1416       lime         956       sandy shale       1404       1416       lime         974       lime       140       1416       lime         978       sandy shale       140       1416       lime         974       lime       1416       1       lime         974       lime       1020       dark shale       1       lime         1020       dark shale       1       1       1       lime       lime         1020       lime (5')       1       1       1       lime       lime         1023       lime (5')       lime       1       lime       lime         1223       black shale       1       1       lime       lime         1233       lime       1       1       lime       lime         1233       lime       <		shale		1380	1391		miss lime			_				
841       shale       1404       1416       lime         852       lime       1404       1416       lime         852       lime       140       1416       lime         956       sandy shale        1404       1416         974       lime         1404         976       sandy shale            978       shale            974       lime            978       shale            1016       (FT Scott) lime            1020       dark shale            1024       shale            1223       black shale             1232       black shale             1233       lime             1234       shale	_	lime		1398	1404		soft lime							
852       lime         956       sandy shale         974       lime         974       lime         978       shale         978       shale         978       shale         1016       (FT Scott) lime         1020       dark shale         1020       lark shale         1023       lane (5')         1229       sandy shale         1223       black shale         1223       lime         1232       black shale         1233       lime         1233       ime         1234       shale         1235       shale         1236       shale         1237       lack shale         1238       shale         1239       sandy shale         1231       sandy shale         1232       black shale         1233       sandf         1234       shal		shale		1404	1416		líme							
956       sandy shale         974       lime         998       shale         998       shale         998       shale         998       shale         998       shale         998       shale         1016       (FT Scott) lime         1020       dark shale         1023       lime (5')         1024       shale         1023       black shale         1229       sandy shale         1232       black shale         1233       lime         1234       shale         1235       black shale         1231       lime         1232       black shale         1233       lime         1234       shale         1235       shale         1236       shale         1237       shale         1238       shale         1231       shale         1233       lime         1234       oil sand         1235       shale         1236       shale		lime												
974       lime         998       shale         1016       (FT Scott) lime         1020       dark shale         1021       dark shale         1022       lime (5')         1023       shale         1024       shale         1025       sandy shale         1223       black shale         1233       lime (5')         1233       shale         1233       shale         1233       shale         1234       shale         1233       lime (5')         1334       shale         1310       sandy shale (grey)         1311       sandy shale (grey)		sandy shale												
998       shale         1016       (FT Scott) lime         1020       dark shale         1029       lime (5)         1024       shale         1025       sandy shale         1229       sandy shale         1232       black shale         1233       lime (5)         1234       shale         1235       sandy shale         1236       shale         1231       lime         1233       lime         1234       shale         1235       shale         1236       shale         1231       lime         1233       lime         1234       shale         1235       shale         1236       shale         1231       shale         1233       lime         1234       shale         1235       black shale         1236       shale         1231       shale         1231       shale         1231       sandy shale         1318       sandy shale  <		líme												
1016       (FT Scott) line         1020       dark shale         1029       line (5')         1029       shale         1029       shale         1229       sandy shale         1232       black shale         1233       line (5')         1234       shale         1235       black shale         1236       shale         1237       line (grey)         1238       shale	-+													
1020       dark shale         1029       lime (5')         1034       shale         1034       shale         1229       sandy shale         1232       black shale         1233       lime         1234       shale         1235       black shale         1236       shale         1237       oli sand         1238       shale         1239       sandy shale         1231       lime         1232       black shale         1233       shale         1234       oil sand         1235       shale         1236       shale         1237       shale         1238       shale         1239       shale         1231       sand         1267       core #1         1310       sandy shale (grey)         1318       sand (gas odor)	_									_				
1029       lime (5')         1034       shale         1034       shale         1229       sandy shale         1232       black shale         1232       black shale         1233       ime         1234       shale         1235       sandy shale         1236       shale         1236       shale         1236       shale         1237       ime         1236       shale         1237       shale         1238       shale         1239       shale         1231       ime         1236       shale         1237       bisand         1240       oil sand         1267       core #1         1310       sandy shale (grey)         1318       sand (gas odor)	-+									_				
1034     shale       1229     sandy shale       1229     sandy shale       1232     black shale       1233     lime       1234     oil sand       1235     shale       1236     shale       1237     oil sand       1240     oil sand       1267     core #1       1310     sandy shale (grey)       1318     sand (gas odor)														
1229     sandy shale       1232     black shale       1233     lime       1236     shale       1236     shale       1236     shale       1237     lime       1238     shale       1239     shale       1230     oil sand       1240     oil sand       1267     core #1       1310     sandy shale (grey)       1318     sand (gas odor)														
1232     black shale     1232       1233     ime     1233       1236     shale     1240       1240     oil sand     1267       1267     core #1     1267       1310     sandy shale (grey)     1318       1318     sand (gas odor)     1														
1233 1236 1240 1267 1310 1318									Well No	tes:				
1236 1240 1267 1310 1318									····•					
1240 1267 1310 1318														
1267 1310 1318														
1310														
1318			()(											
	_													

(62	810 E 7™ PO Box 92 EKA, KS 6704 20) 583-5561	API# 15		50		Ticket N Forema Camp 2	No. an <u>Ster</u> Eureks	<u>. AA o D</u>
Date				Section	Townshi			unty State
	7 1003	Schafer #		.23	26	19E	NO	175
Customer	H ENCLASS	I, INC	Safety Meeting	Unit #	- 6	Driver snm	Unit#	Driver
Mailing Adv		······································	Αγν. Κ Κλ Δ*Γκ					
City Io,		State Zip Code	49	COPPORTAL AL		· · · · · · · · · · · · · · · · · · ·		
Job Type .	<u></u>	Hole Depth	116	Slurry Vol.		т	ubing	
Casing De	pth_ <u>13</u>	Hole Size	<u> 14</u>	Slurry Wt.			rill Pipe	
		Cement Left in Casin	ġ	Water Gal/SI	<		ther	· · · · · · · · · · · · · · · · · · ·
)isplacem	ent_22.861.9	Displacement PS	1000	Bump Plug to	<u>_/560</u> ]	». B	PM	
(emarks:	Safry Mr. 3	ing Rig up to b	12 sasing 1	Zreck Ci	culture	OW KU	JEresh	410780
Uno 3	190 " Gal Flu	ish up Hulls & 51	BI Garar 5 20	NOC AND	110 51	ks Thick	<u>~~~~</u> ?.	177 9 10 1. 1.
2 Pr	Repersont 2	and washer of	2ump + Line	4 State	5/ccm	Biles	No Ph	14 Displace
4/2	2 /2/215 5- Car	sh water Fine	1 sugara	Prosent	· 100	or Bu	23.2. 200	1500 F
la de la Cartana	Zun Ro	10000 Pressledution	Pleeg hall	<u> </u>	S. C. 127.11	A Rozing	15 70	Surface.
5 hhl	70,217	Taben	noter R	is down	<b>\</b>			
				0		www.www.www.www.www.www.www.w	<u>.</u>	·** 6.
							1	
			/	TO STATE OF A DESCRIPTION OF A DESCRIPTI				
		<u> </u>	hampy you					
			hampy you					
					· · · · · · · · · · · · · · · · · · ·			
Code	Qty or Units	Description of Produc				Unit	Price	Total
[/62		Description of Produc Pump Charge				105	Sandar Sanaara	Total /ഗ≤ര.ര.
[/62	Qty or Units	Description of Produc			······································	105	· · · · · ·	Total
-/62 -/87	25	Description of Produc Pump Charge Mileage	t or Services				3.95	Total ✓< ≤ ≤ , o
<u> </u>	1 25 166.5k	Description of Produc Pump Charge Mileage Thuck 5-7 Coox	et or Services				3.95	Total /~50.00 98.75 3/20.50
<u> </u>	25	Description of Produc Pump Charge Mileage	et or Services				3.95	Total ✓< ≤ ≤ , o
[]62 []67 [24] [24]	1 - 2 5 - 1 66 5 K . 	Description of Produc Pump Charge Mileage Thick 5 7 (****) 25 Phones - 1	et or Services				3.95	Total <u>/ 50.0 c.</u> 98.75 <u>3/20.50</u> <u>400.00</u>
- 10 2 - 10 7 - 20 8 - 20 8	1 25 1665k 320t 700 <sup>t</sup>	Description of Produc Pump Charge Mileage <i>Thick 5-7-Cenn</i> 25,2Kenssen	et or Services				3-95 2-50 2-50	Total     1050.00     98.75     3120.00     400.00     60.00
- 10 2 - 10 7 - 20 8 - 20 8	1 - 2 5 - 1 66 5 K . 	Description of Produc Pump Charge Mileage Thick 5 7 (****) 25 Phones - 1	et or Services				3.95	Total <u>/ 50.0 c.</u> 98.75 <u>3/20.50</u> <u>400.00</u>
C 16 2 C 26 7 C 26 1 S 26 8 C 26 4 C 2141	1 25 1665K 3267 3267 4007	Description of Produc Pump Charge Mileage Thick 5 T Comp 25 Planaseal Cost Elecch Halls	2 1/5 /K				3-95 2-50 2-50	Total / - 50.00 98.75 3120.00 400.00 100.00 18.00
Code 762 787 787 787 787 787 787 787 78	1 25 1665K 3267 3267 4007	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2				3.95 3.25 2.25	Total     1050.00     98.75     3120.00     400.00     60.00
2162 2167 2251 5255 2256 2141	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2				3-95 3-55 2.50 (.2.15) (.5.)	Total / - 50.00 98.75 3120.00 400.00 100.00 18.00
2102 2107 2201 2201 2201 210 % Ar	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 T Comp 25 Planaseal Cost Elecch Halls	2				3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
2/62 2/57 2/57 2/58 2/58 2/54 2/54 2/54 2/54 2/54 2/54 2/54 2/54	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k				3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
- 10 2 - 10 7 - 20 8 - 20 4 -	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2				3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
- 10 2 - 10 7 - 20 8 - 20 4 -	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k	0 < 31			3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
- 10 2 - 10 7 - 20 8 - 20 4 -	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k				3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
/ 0 2 / 0 7 - 20 - 20	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k	0 < 31			3-95 3-55 2.50 (.2.15) (.5.)	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
/ 6 2 - 26 - 7 - 26 - 8 - 21 - 1 - 26 - 6 - 21 - 1 - 20 - 8 - 21 - 1 - 20 - 8 - 21 - 1	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k	0 < 31			3.95	Total / 5 6 . 6 C. 9 8 . 7 5 3/ 26 . 6 0 4/ 6 6 . 6 C. 18.6 0 18.6 0 1 3 4/ 5.6 0
/ 6 2 - / 6 7 - 2 6 6 - 2 1 4 / - 2 1 4 / - 2 1 4 /	1 25 1605k 320t 320t 320t 40t	Description of Produc Pump Charge Mileage Thick 5 7 Com 25 2th ensured Cost 51 ash Halls Ten Mileage	2 c. l.k. J. C. c. k	0 < 31			3.95	Total

 $A^{*}$ 1

> I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.  $e^{-1}$

. • "

.