Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1241204

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:	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.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	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW ☐ Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)  Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	
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 Producer	(Data must be collected from the Reserve Pit)
Committed Bound #	Chloride content:ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
Recompletion Date  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
Geologist Report Received
UIC Distribution
ALT I II Approved by: Date:

### 1241204

Operator Name:			Lease Name: _			Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flowi	ng and shut-in pressu	ormations penetrated. D res, whether shut-in pre th final chart(s). Attach	ssure reached stati	c level, hydrosta	itic pressures, bo		
		tain Geophysical Data a r newer AND an image f		ogs must be ema	ailed to kcc-well-	logs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Taken (Attach Additional S	heets)	Yes No	L		on (Top), Depth a		Sample
Samples Sent to Geold	ogical Survey	☐ Yes ☐ No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING	RECORD Ne	ew Used			
		Report all strings set-c	onductor, surface, inte	ermediate, product	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 / SQL	JEEZE RECORD	1		
Purpose:	Depth	Type of Cement	# Sacks Used		Type and	Percent Additives	
Perforate Protect Casing Plug Back TD	Top Bottom						
Plug Off Zone							
Did you perform a hydraul	ic fracturing treatment on	this well?		Yes	No (If No, s	kip questions 2 an	d 3)
	-	ulic fracturing treatment ex	ceed 350,000 gallons	= :		kip question 3)	/
Was the hydraulic fracturing	ng treatment information	submitted to the chemical o	disclosure registry?	Yes	No (If No, fi	ill out Page Three o	of the ACO-1)
Shots Per Foot		N RECORD - Bridge Plugs otage of Each Interval Perf			cture, Shot, Cemer	nt Squeeze Record Material Used)	d Depth
						•	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:			
					Yes N	0	
Date of First, Resumed F	Production, SWD or ENH	R. Producing Meth	od:  Pumping	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Oil Bł	ols. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:	- NA	METHOD OF COMPLE	TION:		PRODUCTIO	ON INTERVAL:
Vented Sold	Used on Lease	Open Hole	Perf. Dually	Comp. Cor	mmingled	1110000110	
(If vented, Sub		Other (Specify)	(Submit )	4CO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Dixon Energy, Inc.
Well Name	Lonker 5
Doc ID	1241204

# Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	Viola		4670-4675
	CIBP		4650
1			4403,4406,4409
2			4410-4422
1			4423-4436
1	1sp2f		4437-4463

Form	ACO1 - Well Completion
Operator	Dixon Energy, Inc.
Well Name	Lonker 5
Doc ID	1241204

# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Production	7.8750	5.5	17	4740	AA-2	175	

### \*\*CELLS WITH BLUE BACKGROUND ARE THE ONLY CELLS TO BE EDITED\*\*

Fracture Start Date/Time:	12/30/14 12:10
Fracture End Date/Time:	12/30/14 14:09
State:	Kansas
County:	Barber
API Number:	15-007-24247-0000
Operator Number:	
Well Name:	Lonker #5
Federal Well:	Yes
Longitude:	-98.6332309
Latitude:	37.2550063
Long/Lat Projection:	NAD27
True Vertical Depth (TVD):	4,750'
Total Clean Fluid Volume* (gal):	370,000



Additive	Specific Gravity	Additive Quantity	Mass (lbs)
Water	1.00	370,000	3,087,650
Sand (Proppant)	2.65	169,700	169,700
Plexcide B7	1.33	20	222
Plexslick 957	1.11	259	2,399
Plexgel Breaker XPA	1.03	72	619
Plexset 730	0.90	78	586
Plexsurf 580 ME	0.95	93	737
Plexsurf 580 ME	0.95	93	737
Plexgel 907L-EB	1.04	0	0
Plexgel 907L-EB	1.04	0	0
Plexgel 907L-EB	1.04	0	0
Plexgel 907L-EB	1.04	0	0
	-		Total Slurry Mass (Lbs)

Ingredients Section:

Total Slurry Mass (Lbs) 3,262,650

ingreatents section.							3,202,030	
					Maximum Ingredient		Maximum Ingredient	
T 1 N	g 1.	D.	T 11 .	Chemical Abstract Service	Concentration in	Mass per	Concentration in HF	Comments
Trade Name	Supplier	Purpose	Ingredients	Number (CAS #)	Additive	Component (LBS)		Comments
				ramber (c.25 ")	(% by mass)**	Component (LDS)	(% by mass)**	
Water	Operator	Carrier/Base Fluid	Water	7732-18-5	100.00%	3,087,650	94.63625%	
	Uniman		Crystalline Silica in the form of Quartz	14808-60-7	100.00%	169,700	5.20129%	
Sand (Proppant)		Proppant					0.00034%	
Plexcide B7	Chemplex	Biocide	Sodium Hydroxide	1310-73-2	5.00%	11	0.00034%	
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hdrotreated Light Distillate	64742-47-8	0.00%	0	0.00000%	
Plexgel Breaker XPA	Chemplex	Slickwater Breaker	Hydrogen Peroxide	7722-84-1	7.00%	43	0.00133%	
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50.00%	293	0.00898%	
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	60.00%	442	0.01356%	
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10.00%	74	0.00226%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Guar Gum	9000-30-0	50.00%	0	0.00000%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Alcohol Ethoxylates	34398-01-1	1.00%	0	0.00000%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Crystalline Silica	14808-60-7	0.06%	0	0.00000%	
Plexgel 907L-EB	Chemplex	Gelling Agent	Distillates hydrotreated Light	64742-47-8	50.00%	0	0.00000%	
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
								Non-MSDS Component
		<del>                                     </del>						Non-MSDS Component Non-MSDS Component
								Non-MSDS Component

\*Total Water Volume sources may include fresh water, produced water, and/or recycled water

\*\* Information is based on the maximum potential for concentration and thus the total may be over 100%

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.



# TREATMENT REPORT

CustomerD	Ivan E	n over T		Lease No				, .		Date		96 (P. 18) 1 11		
Lease Lo	nver	nersy; 4	<i>F16</i> ;	Well# 2	5		i			1.	//	- 20	1.201	4
Field Order	# Station	n Prist.	ks 4			Casing &	5/5	Depth	315	County		rhen		State 165
Type Job	NW/ 8	3518 S	urfac	٠			Form	nation	TD-	320		Legal De	escription	6-325-12
	PIPE DATA PERFORATING DATA					FLUID (							RESUME	
Gasing Size	Tubing Si	ze Shots/F	Ft.		Aci	id				RATE	PRE	ss	ISIP	
Depth 3/3		From	То	٠.	Pre	e Pad			Max				5 Min.	<u> </u>
Volume 20	Volume	From	То		Pa	d ,			Min			· · · · · · · · · · · · · · · · · · ·	10 Min.	
Max Press	Max Pres	s From	То		Fra	ac			Avg				15 Min.	
Well Connecti	on Annulus \	Vol. From	То						HHP Use	ed			Annulus	Pressure
Plug Depth	Packer D	· I From	То		Flu				Gas Volu	me			Total Loa	ıd
Customer Re	presentative	Ranzy	Smith	Statio	n Man	ager Ka	21n G	ح ۱٥	100	Treate	er D	Srin	Frank	7in
Service Units					0	19860	-		<u> </u>					
Driver Names	Darin	Fa	Fa	6,050	in .	Gibson		٠						
Time	Casing Pressure	Tubing Pressure	Bbls. Pu	mped		Rate					Servi	ce Log		·.
3:00pm							on	100	551.00	<u>1/59</u>	i Ce.	y Me	eting	5
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# TREATMENT REPORT

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Lease L	0.0	VI &	2/	<u>у ү</u>	11/6.	-	Well #		45	· ·	<u> </u>	<del></del>	Date	11:	_ 7	6-1	4
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Type Job	W	51/2	<del>!</del>		· · ·	- 40	<b>X</b> 5				5 /2 Dept		Coun	<i>y</i> /3	3 A 1 B.		State V/S
- Pli	PF D	<u>΄΄΄</u> ΔΤΔ						T	<del></del>						Legal D	escription -	2-12
Casing Size		ubing :	Size	Shots/	FORA	IING	DAT			UID	USED		_	TRÉA	TMENT	RESUME	
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Plug Depth		ecker E	)onth	From		То		4_	lush /	1971 11.4		HHP Used				Annulus Pr	essure
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# Mud-Co / Service Mud Inc.

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	,	202 FT/MIN R.A	202			4.5 in	1	12W D.P.	RNG	32S	<b>TWP</b>	16	Sec		***		VAL ENERGY	¥	ctor	Contractor
	9		8 18	1	- 1	္			i				Location				#5 LONKER	#5 [		Well
ž Ž	Casing Program 8 5/8 "	SPM	ပ္ပ	×	× 15	თ	Pump		State KANSAS	State	Zi	BARBER	County		LC.	DIXON ENERGY LLC	N ENI	DIX	ğ	Operator