Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1209069

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 # 3372
Name: Dixon Energy, Inc.
Address 1: 8100 E 22ND N BLDG 300, STE 200
Address 2:
City: WICHITA State: KS Zip: 67226 + ____
Contact Person: TJ Dixon
Phone: (316) 264-9632
CONTRACTOR: License # 5822
Name: Val Energy, Inc.
Wellsite Geologist: Adam Nighswonger
Purchaser: Plains Marketing

Designate Type of Completion:

☑ New Well ☐ Re-Entry ☐ Workover

☑ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

04/02/2014	04/11/2014	04/18/2014
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-007-24143-00-00
Spot Description:
_ N2 _ NW _ SW Sec. 16 Twp. 32 S. R. 12 ☐ East ☑ West
2310 Feet from ☐ North / ☑ South Line of Section
4620 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Barber
Lease Name: Lonker Well #: 4
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 1573 Kelly Bushing: 1583
Total Vertical Depth: 4810 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 265 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 36000 ppm Fluid volume: 1800 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Indian Oil
Lease Name: Vera SWD License #: 31938
Quarter SE Sec. 30 Twp. 31 S. R. 12 ☐ East ☑ West
County: Barber Permit #: D-31377

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: 06/05/2014
☑ **Confidential Release Date:** 06/04/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/06/2014

1209069

Operator Name: Dixon Energy, Inc. Lease Name: Lonker Well #: 4

Sec. 16 Twp. 32 S. R. 12 ☐ East ☑ West County: Barber

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Micro
Dual Induction
Compensated Density

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3650	-2067
Lansing	3829	-2246
Mississippian	4354	-2771
Kinderhook	4532	-2949
Simoson Sh	4741	-3158

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, 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
Surface	12.25	8.625	24	265		190	
Production	7.875	5.5	17	4805		200	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☑ Yes ☐ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☑ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth
4		Shot	4632-4642
	Bridge Plug		4600
1		Shot	4356-4368, 4371-4373, 4

TUBING RECORD: Size: 2.875 Set At: 4309 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 5/17/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25	40			

DISPOSITION OF GAS:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Dixon Energy, Inc.
Well Name	Lonker 4
Doc ID	1209069

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	24	265		190	
Production	7.875	5.5	17	4805		200	

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Dixon Energy, Inc	Lease No.	Date: 4/3/2014	
Lease: Lonker	Well #: 4		
Field Order #: 10192	Station: Pratt, KS	Casing: 8 5/8	Depth: 265
County: Barber	State: KS		
Type Job: CNU/Surface	Formation	Legal Description: 16-32-12	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 265	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 15 1/2	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 245	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative: Greg Davidson | Station Manager: Kevin Gordley | Treater: Darin Franklin

Service Units	27283	19903	19843	19826	19860						
Driver Names	Darin	P&A	P&A	Acron	Acron						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:30					on location / Safety meeting
					Run 6 joints 8 5/8 casing - 250'
					LJ set at 265'
7:30pm	200		3	5	Pump 3 bbls water
	200		42	5	Pump 195sx 60/40 poz, 2% Gel
					3% cc, .25 # Cellaflake, 14.8 PPG
					5.18 water Req., 1.21 Yield
8:00pm	200		15 1/2	5	Displace water
					Job Complete - Darin & Crew
					Thank you!!!

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

ASiC energy services, L.P.

TREATMENT REPORT

DIXON ENERGY	Lease No.	Date	
LONKER	Well # 4	04-10-14	

Job Order #	Station	Casing	Depth	County	State
L03726	PRATT KS	5 1/2	4805'	BARBER	KS

Type Job: CNW 5 1/2 LONGSTRING | Formation: | Legal Description: 16-32-12

PIPE DATA		PERFORATING DATA		FLUID USED
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid
Depth 4805'	Depth	From	To	Pre Pad
Volume 111	Volume	From	To	Pad
Max Press 2,000	Max Press	From	To	Frac
Well Connection P.C	Annulus Vol.	From	To	
Plug Depth 4784	Packer Depth	From	To	Flush

TREATMENT RESUME		
RATE	PRESS	ISIP
Max		5 Min.
Min		10 Min.
Avg		15 Min.
HHP Used		Annulus Pressure
Gas Volume		Total Load

Customer Representative | Station Manager DAVE Scott | Treater Robert Sullivan

Service Units	37900	19903	19843	70959	19916						
Driver Names	Sullivan	Edmond		Phyle							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:30					ON LOC
8:30					TRUCK ON LOC SAFETY MEETING
					RIH 5 1/2 17# CSG.
11:10					CASING ON BOTTOM
11:20					HOOK RIG CIRC CSG.
1:00			5	3	5# SPACER
			17		11# MUD FLUSH
			5		SPACER
				5	MIX CMT 200 SK AA-2 CMT @ 15.5 PPG
			50		CMT MIXED SHUT DOWN WASH PUMP & LINES
					RELEASE PLUG
				6	START DISP
	200				LIFT PSI
	600			4	SLOW RATE
1:45	1,800		111		PLUG DOWN
			7	2	DISP RH W/ 30 SK AA-2
			5		DISP MH W/ 20 SK
					JOB COMPLETE
					TRAVIS

Taylor Printing, Inc. 620-672-3656

Mud-Co / Service Mud Inc.

Operator	DIXON ENERGY INC.	County	BARBER	State	KANSAS	Pump	6	X	15	X	56	SPM	Casing Program	8 5/8	" @ 265 ft.
Well	#4 LONKER	Location								GPM	8.18	BPM			" @ ft.
Contractor	VAL #3	Sec	16	TWP	32S	RNG	12W	D.P.	4.5	in.	202	FT/MIN R.A.			" @ ft.
Stockpoint	PRATT KS	Date	4/2/2014	Engineer	BRAD BORTZ			Collar	6.25	in. ft.	367	FT/MIN R.A.	Total Depth	4810'	ft.

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATIONFILTRATION ANALYSIS					SAND	RETORT			L.C.M.	Pump	CUMULATIVE	REMARKS AND TREATMENT
	feet	lb/gal	Sec API @___F	PV @___F	Yp	10 sec / 10 min.	Strip _ Meter _	ml API	Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm	%	Solids %	Oil %	Water %		Press. PSI	COST	
4/2	0																		0	Rig up.
4/3	265																		1,555	WOC
4/6	2930	9.8	27				7.0	N/C	HVY		88M	HVY		5.9		94.1			6,156	Drlg.
4/7	3660	9.3	47	15	15	16/59	10.5	9.6	1		4,000	80		6.8		93.2			8,630	Drlg. No loss on surface hole
4/8	4211	9.3	46	14	15	13/44	10.5	9.2	1		6,000	80		6.7		93.3	3#		8,824	Circ for samples. Displaced at 2962
4/9	4770	9.6	50	15	15	14/56	10.0	9.2	1		5,000	80		8.9		91.1	4#		11,499	Drlg.
4/10	4810																		13,249	Final: RTD - 4810'. LTD - 4810'. No DST's.
																				Logs Ok. Run Casing.
																				Reserve Pit, Chl content ppm: 36,000
																				Estimated Volume: 1,800 BBL

MUD-CO / SERVICE MUD INC.

100 S. Main Suite #310
Wichita, Ks. 67202
316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount	Materials	Sacks	Amount		Amount
C/S HULLS	163	2925.85					
CAUSTIC SODA	20	1323.00					
DRILL PAK	6	1980.00					
LIME	3	33.00					
PREMIUM GEL	330	6072.00				Total Mud Cost	13248.50
SODA ASH	21	542.85				Trucking Cost	1128.57
SUPER LIG	13	371.80				Trucking Surcharge	
						Taxes	
						TOTAL COST	**$14,377.07**

HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE

Last Fracture Date:	5/7/2014
County:	Barber
API Number (14 Digits):	15-007-24143-00-00
Operator Name:	Dixon Energy
Well Name and Number:	Lonker #4
Latitude:	
Longitude:	
Datum:	
Production Type:	Oil and Gas
True Vertical Depth (TVD):	4810
Total Base Fluid Volume (gal)*:	367000

Hydraulic Fracturing Fluid Composition:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS#)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Authorized Representative's Name, Address and Phone Number
Plexslick 957	Chemplex	Friction Reducer	Petroleum Hydrotreated Light Distillate	64742-47-8	25%	0.0175068%	
Plexsurf 580 ME	Chemplex	Product Stabalizer	Methyl Alcohol	67-56-1	10%	0.0025068%	
Plexsurf 580 ME	Chemplex	Product Stabalizer	2-Butoxyethanol	111-76-2	50%	0.0125341%	
Claymax	Chemplex	Clay Stabalizer	No hazardous ingredient	N/A	0%	0.0000000%	
AMA-398	Chemplex	Biocide	Dazomet	533-74-4	98%	0.0049000%	
Plexgel Breaker XPA	Chemplex	Breaker/Slickwater	Hydrogen Peroxide	7722-84-1	7%	0.0013842%	
Plexset 730	Chemplex	Activator	Methanol	67-56-1	50%	0.5071429%	
Plexset 730	Chemplex	Activator	Alcohol Ethoxylates	Mixture	60.00%	0.6085714%	
Frac Sand	Uniman	Propant	Crystalline Silica in the form of Quartz	14808-60-7	100.00%	19.3000000%	
Ingredients shown above are subject to 29 CRF 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.							

*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%.
Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers' Material Safety Data Sheets (MSDS).