Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1208945

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: Mike Dixon
Phone: (316) 264-9632
CONTRACTOR: License # 30606
Name: Murfin Drilling Co., Inc.
Wellsite Geologist: Ryan Dixon
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 #:

06/18/2010	07/01/2010	07/25/2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-095-22209-00-00
Spot Description:
_ - SE - SW - SW Sec. 18 Twp. 30 S. R. 10 ☐ East ☑ West
330 Feet from ☐ North / ☑ South Line of Section
4290 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: Kingman
Lease Name: Rolf Unit Well #: 1
Field Name:
Producing Formation: Viola
Elevation: Ground: 1791 Kelly Bushing: 10
Total Vertical Depth: 4875 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 311 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: 28000 ppm Fluid volume: 7000 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Messenger Petroleum
Lease Name: Nicholas swd License #: 4706
Quarter NE Sec. 20 Twp. 30 S. R. 8 ☐ East ☑ West
County: Kingman Permit #: D27434

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** ☐ **III** **Approved by:** Deanna Garrison **Date:** 06/05/2014

[redacted] 1208945

Operator Name: Dixon Energy, Inc. Lease Name: Rolf Unit Well #: 1

Sec. 18 Twp. 30 S. R. 10 ☐ East ☑ West County: Kingman

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
Neutron/Density
Sonic

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

Name	Top	Datum
Heebner	3648	-1852
Snyderville	3658	-1862
Lansing	3854	-2058
Kinderhook	4452	-2656
Viola	4641	-2845
Arbuckle	4817	-3021

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	8.6250	24	311	Common cmt	300	2% gel
production	7.8750	5.5	15.5	4873	AA2	150	

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	4722-4727
	Bridge plug		4715
4		Shot	4642-4646
4		Shot	4642-4652

TUBING RECORD: Size: 2.8750 Set At: 4686 Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 9/5/2010

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

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6		35		

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

BASIC energy services, L.P.

TREATMENT REPORT

Customer Nixon Energy	Lease No.		Date 6-30-10		
Lease Rolf Unit	Well # 1				
Field Order # 2062	Station Pratt	Casing 5 1/2	Depth	County Kingman	State KS
Type Job CNW - 5 1/2 L.S.		Formation		Legal Description 18-30-16	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft	Cement 175sk	~~Acid~~ 60/40 poz 1.25 yield	RATE	PRESS	ISIP
Depth 4875	Depth	From	To 125sks	Pre Pad AA2 1.37 yield	Max		5 Min.
Volume 11 bbl	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 4835	Packer Depth	From	To	Flush 115	Gas Volume		Total Load

Customer Representative Herb Dulant	Station Manager Dave Scott				Treater Steve Orlando						
Service Units	27283	19903	19905	19832	21010						
Driver Names	Orlando	Wesley		Nall							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:30Am					On location - Safety meeting
					T.C. 4875
					Centralizers 1-3-9-11 Baskets 1-3
					Casing on Bottom Hook up to Casing
					Break Circ w/Rig Rotate Casing
9:40	150		5	5	H2O
9:41	150		12	5	Mud flush
9:43	150		5	5	H2O
9:44	150		6	5	25sks Scavenger
9:45	100		30	5	125sks AA2 @ 15.3#/Gal
					Shut Down Clear pump + Line
					Release plug
10:00	0		0	7	Start H2O Displacement
10:15	300		90	6	Lift Pressure
10:18	650		105	5	Slow Rate - Stop Rotating
10:20	1500		115	4	Plug Down - Held
					Circulation Thru Job
					Plug RH/MH w 5sks
					Job Complete
					Thanks, Steve

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

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Dixon Energy	Lease No.		Date: 06-18-10		
Lease: Rolf - Unit	Well #: 1				
Field Order #: 2133	Station: Pratt	Casing: 8 5/8	Depth: 311'	County: Kingman	State: KS
Type Job: CNW 8 5/8 Surface	Formation		Legal Description: 18-30-10		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 311'	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 7	Volume	From	To	Pad	Min		10 Min.
Max Press: 300	Max Press	From	To	Frac	Avg		15 Min.
Well Connection: P.C	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 297'	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative | Station Manager: DAVE Scott | Treater: Robert Sullivan

Service Units	19867	27463	19960	19918							
Driver Names	Sullivan	Vegter	Phye								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1730					On loc. Safty meeting
					Run 7 JTS 8 5/8 # 23
2015					Casing on Bottom
2025					Hook Rig To Circ.
2035			3	4	1st Spacer.
				5	1st mixing cmt 300sk common
			73		cmt mixed shut down
				3	Release Plug AND ST Disp
2100			19		Plug down
					CBID. NOT REQUIRED TO 1" w/ 60' PIPE
2345	100			1 1/2	1st mixed 125 sk common/3% cc
0000			32		CMT
					Job Complete
					Thank You

Taylor Printing, Inc. 620-672-3656

Mud-Co / Service Mud Inc.

Operator	DIXON ENERGY	County	KINGMAN	State	Kansas	Pump	6	x	14	x	60	SPM	Casing Program	8 5/8	" @ 311 ft.
Well	#1 ROLF UNIT	Location								GPM	8.22	BPM			" @ ft.
Contractor	MURFIN #20	Sec	18	TWP	30S	RNG	10W	D.P.	4.5	in.	65.2	FT/MIN R.A.			" @ ft.
Stockpoint	PRATT, KS	Date	6/18/2010	Engineer	BRAD BORTZ			Collar	6.25	in. ft.	76.3	FT/MIN R.A.	Total Depth	4875'	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	
6/17	0																		0	RIG UP
6/19	311																		1,319	WOC
6/21	2604	9.4	32				7.0	N/C	HVY		43m	HVY		5.2		94.8	6		5,285	Drlg.
6/22	3583	8.9	51	15	20	13/45	11.0	9.6	1		2,000	80		4.1		95.9			8,723	Drlg.
6/23	3680	8.9	59	18	14	10/49	10.5	10.0	1		7,000	80		3.8		96.2			9,147	Drlg. DST #1 @ 3680'
6/24	4027	9.3	51	15	10	10/70	11.0	11.2	1		6,000	60		6.8		93.2			10,749	Drlg.
6/25	4210	9.6	56	14	12	14/70	11.0	10.8	1		5,000	60		9.0		91.0			11,771	TOH/DST #2
6/26	4425	9.3	52	15	15	8/60	10.5	9.6	1		5,000	60		6.8		93.2			13,218	TIH/DST#3
6/27	4624	9.3	53	16	16	9/45	9.5	10.4	1		5,000	80		6.8		93.2	4		14,649	Drlg.
6/28	4653	9.4	51	17	15	9/40	10.0	10.8	1		6,000	80		7.5		92.5			14,121	DST #5
6/29	4875	9.4	54	15	15	11/60	9.5	9.6	1		6,000	80		7.5		92.5	4		14,889	CFS/Logs
6/30	4875																		15,387	Final: LTD - 4876'. 5 DST's. Run Pipe.
																				Reserve pit: chloride content: 28,000
																				Reserve pit: fluid volume: 7000

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
C/S HULLS	179	2506.00			
CAUSTIC SODA	24	1573.20			
CO-POLY-L	2	368.00			
DRILL PAK	4	1320.00			
LIME	8	88.00			
PREMIUM GEL	515	8497.50			
SODA ASH	21	530.25			
SUPER LIG	18	504.00			

	Amount
Total Mud Cost	15,386.95
Trucking Cost	965.22
Trucking Surcharge	
Taxes	
TOTAL COST	16,352.17

ROLF UNIT DST'S

DST #1 3618-80: 30-60-60-60. 1st OP bldg. blow off BOB in 10 min. 2nd OP Strg. blow. Rec. 1000' GIP, 60' Mud. IHP 1679#, IFP 53-42, ISIP 369#, FFP 54-49, FSIP 375#, FHP 1696#. Temp. 117°. SHT @ 3680'=11/4°.

DST #2 4379-4425: 30-60-60-60. 1st OP bldg. blow off BOB in 9 min. 2nd OP Strg. blow BOB 15 min. Rec. 750' VSG&OCW. IHP 2024#, IFP 66-178#, ISIP 1414#, FFP 319-348#, FSIP 1353#, FHP 1553#. Temp. 132°

DST #3 4379-4425: 30-60-60-60. 1st OP bldg. blow off BOB in 3 min. 2nd OP Strg. blow BOB immed. Rec.500'GIP, 30'SO&GCM. IHP 2185#, IFP 46-46#, ISIP 350#, FFP 45-48#, FSIP 379#, FHP 2091#. Temp. 129°. SHT @ 4425'=11/4°.

DST #4 4635-4646: 30-60-60-60. 1st OP Strg. blow off BOB immed. GTS 30 min. TSTM. 2nd OP Strg. blow BOB immed, GTS, TSTM. Rec. 210' Sli. Wtr. and Mud cut Gsy Oil (5% W, 10% M, 15%G, 70%0), IHP 2277#, IFP 52-65#, ISIP 1182#, FFP 52-90#, FSIP 1092#, FHP 2239#. Temp. 132°. Oil Grav. 37°. Could not get enough water sample to test-Tester thinks filtrate. SHT @4646'=3/4°

DST #5 4646-4653: 30-60-60-60. 1st OP Wk. blow bldg. to off BOB in 18min. 2nd OP Strg. blow off BOB immed,. Rec. 3500' GIP, 75' Sli. Mud cut Gsy Oil (10% M, 30%G, 60%0-no wtr.), IHP 2271#, IFP 43-48#, ISIP 721#, FFP 46-64#, FSIP 1215#, FHP 2241#. Temp. 131°.