Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1212391

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: Ryan Dixon
Purchaser:

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 #:

02/14/2012	02/25/2012	03/05/2012
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-095-22246-00-00
Spot Description:
__ - NE - NE - NW Sec. 21 Twp. 30 S. R. 10 ☐ East ☑ West
330 Feet from ☑ North / ☐ South Line of Section
2310 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: O'Moore Well #: 1
Field Name:
Producing Formation: NA
Elevation: Ground: 1761 Kelly Bushing: 1771
Total Vertical Depth: 4850 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 269 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: 39000 ppm Fluid volume: 1800 bbls
Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Bemco
Lease Name: Mac License #: 32613
Quarter NE Sec. 7 Twp. 32 S. R. 11 ☐ East ☑ West
County: Barber Permit #: D21045.0

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:** 07/03/2014

[redacted] 1212391

Operator Name: Dixon Energy, Inc. Lease Name: O'Moore Well #: 1

Sec. 21 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:

MEL
DIL
POR

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

Name	Top	Datum
Indian Cave	2636	-861
Heebner	3623	-1848
Douglas Sand	3732	-1957
Mississippian	4402	-2627
Viola	4655	-2879
Arbuckle	4814	-3039

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	23	264	60/40 poz	200	
Longstring	7.875	5.5	15.5	4832	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	perf		4731-34
4	perf		4656-60
2	perf		4432-40, 4444-50
1	perf		4424-28, 4399-4418

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

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

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

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

O'Moore Drill Stem Test

DST#1 2597-2645: 30-60-90-120, Rec. 60' GIP, 60' WM (40%W, 60%M), IFP 41-31#,

ISIP 42#, FFP 33-31#, FSIP 36#. IHP 1264#, FHP 1160#. Temp 88°. SHT @ 2644'=1°

DST#2 4380-60: 30-45-60-60, Rec. 93'GIP, 42' Mud w/scum of oil. IFP 61-58#,ISIP 320#, FFP 62-70#, FSIP 309#. IHP 1274#, FHP 2140#. Temp 124°. SHT @ 4460'=11/2°

DST #3 4647-4660. Mis-Run. Packer Failure. Will make a few more feet and test again.

DST #4 4656-4667. Mis-Run, Packer failure.

DST #5 4460-4667. Mis-Run, packer failure

BASIC energy services, L.P.

TREATMENT REPORT

Customer: DIXON ENERGY	Lease No.		Date: 02-14-12		
Lease: O'MOORE	Well #: 1				
Field Order #: 5803	Station: PRATT KS	Casing: 8 5/8	Depth: 267'	County: KINGMAN	State: KS
Type Job: CNW 8 5/8 Surface	Formation		Legal Description: 21-30-10		

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 8 5/8	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 267'	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 16	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: 247'	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager: DAVE SCOTT	Treater: Robert Clifford

Service Units	37900	33708	20920	19826	19860						
Driver Names	Sullivan	Nelson		McGRAW							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30 AM					ON loc Safty meety
					Run 5 JTS SFC CSG
7:45					CSG ON Bottom
7:50					Hook Rig Circ.
8:00	150		3	3	St SPACER
	200		43	4.5	mix cmt 200 sk 60/40 Poz 3%cc 1/4 celflake
					cmt mixed Shut down
					Release Plug
				3.5	St Disp
8:30			16		plug down
					Circ 5 BBL cmt to pit
					JOB Complete
					Thank you

Taylor Printing, Inc. 620-672-3656

BASIC energy services, L.P.

TREATMENT REPORT

Customer: Dixon Energy, Incorporated	Lease No.		Date: 2-25-12
Lease: O'Moore	Well #: 1		
Field Order #: 5,798	Station: Pratt, Kansas	Casing: 5½ 15.5 Lb.	Depth: 4,839 Feet
County: Kingman	State: Kansas		
Type Job: C.N.W. - Longstring	Formation		Legal Description: 21-30S-10W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5½ 15.5 Lb./Ft.	Tubing Size	Shots/Ft	125 sacks AA-2 with	Acid	RATE: 5 8 Fluid Loss, .38 Friction Reducer,	PRESS:	ISIP
Depth: 4,839 Feet	Depth	From	To: 758 Gas Blok, 1085	Pre Pad	Max: 5 Lb./Sk. Gilsonite		5 Min.
Volume: 115.2 Bbl.	Volume	From	To: 15.3 Lb. 7 Gal., 5.49 Gal.	Pad	Min: 5 Sk., 1.36 CU.FT./Sk.		10 Min.
Max Press: 1,500 P.S.I.	Max Press	From: 755	sacks 60/40 Poz / 25 sacks For Scavenger	Frac	Avg		15 Min.
Well Connection: Plug Container	Annulus Vol.	From: 30 sacks to plug Rat Hole and 20	sacks to plug Mouse Hole		HHP Used		Annulus Pressure
Plug Depth: 4,811 Feet	Packer Depth	From	To	Flush: 114.6 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative: Herb Durant | Station Manager: David Scott | Treater: Clarence R. Messick

Service Units	37,216	33,708	20,920	19,960	19,918						
Driver Names	Messick	Sullivan		Phye							

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:45					Cementer and Float Equipment on location.
8:15					Trucks on location and hold safety meeting.
9:15					Val Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latch Down, Baffle screwed into collar and a total of 117 Joints new 15.5 Lb./Ft. 5½" Casing. A Turbolizer was installed on collars #1, 2, 4, 6, 8, 10, 13 and #15.
1:00					Casing in well. Circulate and Rotate for 1½ Hours.
2:35					Shut in well. Pressure Test. Open well.
	200			6	Start Fresh Water Pre-Flush.
			5	6	Start Mud Flush.
			17	5	Start Fresh water Spacer.
2:45	250		22	5	Start mixing 25 sacks 60/40 Poz cement.
	200		27	5	start mixing 125 sacks AA-2 cement.
	-0-		57		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
2:54	100			6.5	Start Fresh Water Displacement
			83	5	Start to lift cement. Stop Rotating.
3:12	700		114.6		Plug down.
	1,500				Pressure up.
					Release pressure. Float Shoe held
	-0-		T-B	3	Plug Rat ~~and Mouse~~ holes.
					Wash up pump truck.
					Job Complete

Thank You. Clarence, Robert, Dale

Taylor Printing, Inc. 620-672-3656

Mud-Co / Service Mud Inc.

Operator	DIXON ENERGY INC.			County	KINGMAN		State	KANSAS		Pump	6	x	16	x	54	SPM	Casing Program	8 5/8	" @	267	ft.
Well	#1 O'MOORE			Location											8.42	BPM			" @		ft.
Contractor	VAL ENERGY	#2		Sec	21	TWP	30S	RNG	10W	D.P.	4.5	in.			66.8	FT/MIN R.A.			" @		ft.
Stockpoint	PRATT KS	Date	2/13/2012	Engineer	BRAD BORTZ					Collar	6.25	in.		ft.	78.2	FT/MIN R.A.	Total Depth	4850'	ft.		

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/FILTRATION 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		
2/3	0																		0	Rig up.	
2/14	270																		967	WOC	
2/16	2461	9.4	27				7.0	N/C	HVY		78M	HVY		3.2		96.8			4,964	Drlg.	
2/17	2810	9.3	29				7.0	N/C	HVY		64M	HVY		3.3		96.7			6,482	Drlg.	No loss on surface hole
2/18	3559	8.9	41	10	11	12/26	11.5	9.6	1		2,500	80		4.1		95.9			8,201	Drlg.	Displaced at 3301'
2/19	4105	9.2	55	15	20	13/44	11.5	9.2	1		3,000	80		6.2		93.8			9,295	Drlg.	DST #1 AT 2644
2/20	4460	9.1	50	16	16	11/34	10.0	9.0	1		2,500	80		5.5		94.5	3#		14,009	CIR/F/DST #1	DST #2 AT 4460
2/21	4604	9.3	48	11	16	12/43	9.5	10.4	1		4,000	80		6.9		93.1	2#		14,550	Drlg.	DST #3 AT 4667
2/22	4667	9.2	44	10	13	15/38	9.0	13.8	2		6,500	200		6.0		94.0	2#		14,550	CIR/F/DST #2	DST #4 AT 4667
2/23	4706	9.1	49	12	16	14/38	12.0	8.8	1		5,000	80		5.4		94.6	2#		15,707	Drlg.	DST #5 AT 4667
2/24	4850	9.4	48	12	16	15/45	10.5	10.0	1		4,000	80		7.6		92.4	3#		16,669	Final:	
																				RTD - 4850'. LTD - 4845'. 5 DST's.	
																				Logs Ok. Run Casing.	
																				DST #3,4,5, HAD PACKER FAILURES	
																				Reserve Pit, Chl content ppm: 39,000	
																				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	118	2118.10					
CAUSTIC SODA	23	1521.45					
DRILL PAK	10	3300.00					
LIME	3	33.00					
PREMIUM GEL	447	8224.80				Total Mud Cost	16668.60
SODA ASH	37	956.45				Trucking Cost	983.76
SUPER LIG	18	514.80				Trucking Surcharge	
						Taxes	
						TOTAL COST	**17652.36**