

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

10/19/13

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8996
Name: Mid continent Resources Inc.
Address 1: P.O. Box 399
Address 2: _____
City: Garden City State: Ks. Zip: 67846
Contact Person: Jody Smith
Phone: (620) 275-2963
CONTRACTOR: License # 5822
Name: Val Energy Inc.
Wellsite Geologist: Jeff Lawler
Purchaser: NCRA

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

8/11/11	8/20/11	10/14/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 193-20805 -00-00

Spot Description: _____
NW SW NW SE Sec: 31 Twp. 10 S. R. 31 East West
1,698 Feet from North / South Line of Section
2,539 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Thomas

Lease Name: Moorhous Well #: B1-31

Field Name: North Campus

Producing Formation: Lansing/KC

Elevation: Ground: 2985 Kelly Bushing: 2994'

Total Depth: 4694' Plug Back Total Depth: 4545'

Amount of Surface Pipe Set and Cemented at: 267' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 2520' Feet

If Alternate II completion, cement circulated from: 2568
feet depth to: surface w/ 175 sx cm.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 15,000 ppm Fluid volume: 230 bbls

Dewatering method used: Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter CONFIDENTIAL Sec. _____ Twp. _____ S. R. _____

County: OCT 19 2013 Permit #: _____

KCC
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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]
Title: Foreman Date: 10/17/11

KCC Office Use ONLY

Letter of Confidentiality Received
Date: 10/19/11 - 10/19/13
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 10-20-11

Operator Name: Mid continent Resources Inc. Lease Name: Moorhous Well #: B1-31
 Sec. 31 Twp. 10 S. R. 31 East West County: Thomas

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Mico, Sonic, Induction and bond.	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3952'</td> <td>-958</td> </tr> <tr> <td>Toronto</td> <td>3978'</td> <td>-984</td> </tr> <tr> <td>Lansing</td> <td>3991'</td> <td>-997</td> </tr> <tr> <td>Ft. Scott</td> <td>4430'</td> <td>-1436</td> </tr> <tr> <td>cher</td> <td>4453'</td> <td>-1459</td> </tr> <tr> <td>Mississippian</td> <td>4600'</td> <td>-1606</td> </tr> </table>	Name	Top	Datum	Heebner	3952'	-958	Toronto	3978'	-984	Lansing	3991'	-997	Ft. Scott	4430'	-1436	cher	4453'	-1459	Mississippian	4600'	-1606
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	121/4	85/8	23#	267'	Poz	200	3%CC, 2%gel
Production	77/8	51/2	17#	4693'	EA-2	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
4	4263' to 4266	3000 gal 15%NE	
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		OCT 19 2011	

TUBING RECORD: Size: <u>23/8</u> Set At: <u>4542'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or ENHR. <u>NA</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>5</u>	Gas Mcf <u>0</u>	Water Bbls. <u>26</u> Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>4444' to 4446</u>
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CHARGE TO: *Mid Continent Resources*

ADDRESS:

CITY, STATE, ZIP CODE:

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TICKET
19743

PAGE 1 OF 2

SERVICE LOCATIONS 1. <i>Hays, KS</i>	WELL/PROJECT NO. <i>219-31</i>	LEASE <i>Marchaus</i>	COUNTY/PARISH <i>Thomas</i>	STATE <i>Ks</i>	CITY	DATE <i>8/10/11</i>	OWNER <i>KCC</i>
2. <i>Ness City, KS</i>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <i>Val Encin #4</i>	RIG NAME/NO.	SHIPPED VIA <i>CT</i>	DELIVERED TO <i>Location</i>	ORDER NO.	
3.	WELL TYPE <i>oil</i>	WELL CATEGORY <i>development</i>	JOB PURPOSE <i>2-stage</i>	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF		QTY.	U/M	QTY.	U/M	
575		1			MILEAGE #111	80	mi	6	00	480 00
571		1			Pump Charge (2-stage)	1	ea	1850	00	1850 00
221		1			KCL	4	gal	25	00	100 00
201		1			Mudflush	500	gal	1	25	625 00
290		1			D-Air	5	gal	35	00	175 00
402		1			Centralizers	12	ea	70	00	840 00
403		1			Baskets	3	ea	250	00	750 00
407		1			Insert Float Shut w/Sill	1	ea	350	00	350 00
408		1			D.V. Tool & Plug set	1	ea	3000	00	3000 00
417		1			D.V. L.D. Plug & Baffle	1	ea	200	00	200 00
419		1			Rotating Head	1	ea	200	00	200 00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X

DATE SIGNED *8-10-11* TIME SIGNED *1815* A.M. P.M.

REMIT PAYMENT TO:

 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				8570 00
WE UNDERSTOOD AND MET YOUR NEEDS?				8635 00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				1720 00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR *[Signature]* APPROVAL

Thank You!



PO Box 466.
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

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TICKET No. 19743

CUSTOMER: Mid Central Resources
WELL: 13701 Monarchs
DATE: 8-10-11
PAGE: 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
325		2				Standard Cement	175	shs			13.50	2362.50	
330		2				SMD Cement	300	shs			16.50	4950.00	
276		2				Fluocel	125	#	1/2	1/2 SA	2.00	250.00	
283		2				Salt	900	#			.20	180.00	
284		2				Calsed	8	shs			35.00	280.00	
292		2				Halad-322	100	#			7.75	775.00	
581		2				SERVICE CHARGE	475	shs					
583		2										950.00	
						MILEAGE CHARGE						1.00	
						TOTAL WEIGHT	31253						
						LOADED MILES	90						
						TON MILES							

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CONTINUATION TOTAL: 8607.50

JOB LOG

SWIFT Services, Inc.

DATE 8-10-11 PAGE NO. 1

CUSTOMER Mid Continent Resources WELL NO. 49-31 LEASE Marathon JOB TYPE 2-stage TICKET NO. 19743

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1300							6 1/2" x 17' x 4727' x 21'
								RTD 4725'
								5 1/2" x 17' x 4727' x 21'
								Coil. 1, 2, 5, 7, 9, 11, 13, 15, 17, 19, 58, 60
								Back 5, 14, 38
								D.V. 59 @ 250K'
	1445							Start FE
	1720							Break Circulation
	1815	4.5	0			150		Start Prod Pumps 500 gal Mid Wash
		5.5	32/0			200		20 bbl KCL Flush
	1831		42					Start Cement 175 sks EA-2
								End Cement
								Wash P/L / Drop L D Plug
	1835	6	0			100		Start Displacement w tr
		6	50			100		Mud
		5	109			150		Catch Cement
	1855					150		Land Plug
								Release Pressure / Float Hold
	1857							Drop Opening Plug
	1900	2.5	7/5					Plus RN + RNH 25/15 sks SMD
	1910					1100		Open DV
	1912	4	0			100		Start KCL Flush
	1917	6	20/0			150		Start Cement 260 sks SMD
	1940		150					End Cement
								Drop Closing Plug
	1943	5	0			100		Start Displacement
	1948	4	24			150		Circulate Cement
	1955		59			500		Land Plug
								Close DV
								Release Pressure
								D.V. Closed
								Circulated back to pit

Thank you
Nick, Just E, Peter Joe

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