

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

7/22/11

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30606
Name: Murfin Drilling Company, Inc.
Address: 250 N. Water, Suite 300
City/State/Zip: Wichita, Kansas 67202
Purchaser: MV Purchasing
Operator Contact Person: Leon Rodak
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606
Wellsite Geologist: Paul Gunzelman

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, 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./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

03/28/09 04/05/09 05/07/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 023-21034-0000
County: Cheyenne
E2 E2 NW NW Sec. 31 Twp. 02 S. R. 41 East West
660 FNL feet from S N (circle one) Line of Section
1580 FEL feet from E / W (circle one) Line of Section

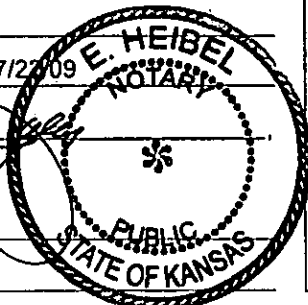
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Raile Well #: 12-31
Field Name: Raile
Producing Formation: LKC
Elevation: Ground: 3704 Kelly Bushing: 3709
Total Depth: 5130 Plug Back Total Depth: 5094
Amount of Surface Pipe Set and Cemented at 386 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from _____
feet depth to _____ w/ _____
Alt-1-Dig - 8/15/09 ^{5x cmf}

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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.

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: Leon Rodak, VP Production Date: 07/27/09
Subscribed and sworn to before me this _____ day of _____
2009.
Notary Public: [Signature]
Date Commission Expires: 4/11/2011



KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
KANSAS CORPORATION COMMISSION
JUL 24 2009
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Operator Name: Murfin Drilling Company, Inc. Lease Name: Raile Well #: 12-31
 Sec. 31 Twp. 02 S. R. 41 East West County: Cheyenne

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 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 checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: right;"> KANSAS CORPORATION COMMISSION JUL 24 2009 RECEIVED </div>
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CASING RECORD <input 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		8 5/8	23#	386	Common	300	3% cc, 2% gel
Production		5 1/2	15.5#	5121	EA-2	255	

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 (Amount and Kind of Material Used)	Depth
4	4572-4578 LKC "A"	250 gal 15% MCA, 750 gal 15% NEFE	
4	4640-4656 LKC "D"	250 gal 15% MCA, 1000 gal 28% NEFE	
4	4695-4698 LKC "G"	250 gal 15% MCA, 750 gal 15% NEFE	
4	4838-4844 LKC "K"	250 gal 15% MCA	
4	4958-4962 MARMATON	250 gal 15% MCA	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	4997		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
05/14/09			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	11		42		29.6

Disposition of Gas METHOD OF COMPLETION Production Interval

Ventad Sold Used on Lease
 Open Hole Perf. Dually Comp. Commingled
(If ventad, Submit ACO-18.)
 Other (Specify) _____

		Raile #12-31 660 FNL 1580 FEL Sec. 31-T2S-R41W 3709' KB					Raile #10-32 400 FNL 500 FWL Sec. 32-T2S-R41W 3704' KB		
Formation	Sample Top	Datum	Ref	Log top	Datum	Ref	Log Top	Datum	
Anhydrite	3610	+99	-8	3607	+102	-5	3597	+107	
B/Anhydrite	3644	+65	-7	3643	+66	-6	3632	+72	
Topeka	4391	-682	-15	4387	-678	-11	4371	-667	
Oread	4504	-795	-10	4501	-792	-7	4489	-785	
Lansing	4572	-863	-11	4571	-862	-10	4556	-852	
Lansing J	4788	-1079	-18	4782	-1073	-12	4765	-1061	
Stark Sh	4810	-1101	-10	4809	-1100	-9	4795	-1091	
BKC	4900	-1191	-6	4901	-1192	-7	4889	-1185	
Marmaton	4960	-1251	-4	4959	-1250	-3	4951	-1247	
RTD	5130	-1421							
LTD				5132			5034		

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July 22, 2009

Kansas Corporation Commission
Conservation Division
130 S Market, Room 2078
Wichita, Ks 67202

Re: **Confidential Filing:** ACO-1
API #15-023-21034-0000
Raile 12-31

To Whom It May Concern:

We are requesting the above referenced well to be held confidential for the maximum of two years.
Let me know if you need any further information on this.

Sincerely,

A handwritten signature in black ink, appearing to read "Elisabeth Heibel". The signature is fluid and cursive, with a large loop at the end.

Elisabeth Heibel

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



Invoice

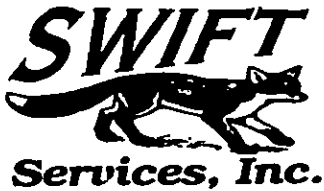
DATE	INVOICE #
4/6/2009	16401

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
 - Cement
 - Tool Rental
- KANSAS CORPORATION COMMISSION
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TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#12-31	Raile	Cheyenne	Murfin Drilling Ri...	Oil	Development	LongString	Dave
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				100	Miles	5.00	500.00
578D-L	Pump Charge - Long String				1	Job	1,400.00	1,400.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
280	Flocheck 21				500	Gallon(s)	2.50	1,250.00T
290	D-Air				3	Gallon(s)	35.00	105.00T
402-5	5 1/2" Centralizer				15	Each	55.00	825.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	275.00	275.00T
413-5	5 1/2" Roto Wall Scratcher				20	Each	40.00	800.00T
419-5	5 1/2" Rotating Head Rental				1	Each	150.00	150.00T
325	Standard Cement				300	Sacks	11.00	3,300.00T
276	Floccle				75	Lb(s)	1.50	112.50T
283	Salt				1,500	Lb(s)	0.15	225.00T
284	Calseal				14	Sack(s)	30.00	420.00T
285	CFR-1				212	Lb(s)	4.00	848.00T
581D	Service Charge Cement				300	Sacks	1.50	450.00
583D	Drayage				1,569.35	Ton Miles	1.00	1,569.35
Subtotal								12,554.85
Sales Tax Cheyenne County							7.30%	630.39
We Appreciate Your Business!							Total	\$13,185.24

USED FOR new well
APPROVED JL



CHARGE TO: **MURFIN DRUG**

ADDRESS:

CITY, STATE, ZIP CODE:

KANSAS CORPORATION COMMISSION

**JUL 24 2009
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TICKET

No 16401

PAGE	OF
1	2

SERVICE LOCATIONS 1. HAS	WELL/PROJECT NO. 12-31	LEASE RAJIE	COUNTY/PARISH CHEYENNE	STATE KS	CITY	DATE 04-06-09	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. MURFIN DRUG RIG 3	SHIPPED VIA GT	DELIVERED TO 50 1/2 1/2 St. FRANCIS	ORDER NO.	
3.	WELL TYPE OIL	WELL CATEGORY DEVELOP	JOB PURPOSE LONGSTRING	WELL PERMIT NO. 15-023-21034	WELL LOCATION 53172.R71		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575		1			MILEAGE #112	100	m		5.00	500.00
578		1			Pump Service	1	EA		1400.00	1400.00
221		1			LID W/ DHEL	4	GAL		25.00	100.00
280		1			FLUORECH 21	500	GA		2.50	1250.00
290		1			D-AIR	3	GA		35.00	105.00
402		1			CENTRALIZER	15	EA	5 1/2 in	55.00	825.00
406		1			LITER DOWN PUMP BATTER	1	EA	5 1/2 in	225.00	225.00
407		1			INSERT FLAT SIDE W/ MUD EX	1	EA	5 1/2 in	275.00	275.00
413		1			ROTOR W/ W/ SCREWDRILL	20	EA		40.00	800.00
419		1			ROTATING HEAD PUMP	1	EA	5 1/2 in	150.00	150.00

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 *Wade Honey*

DATE SIGNED **04-06-09** TIME SIGNED **0730** AM 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	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Pb-1	5630.00
WE UNDERSTOOD AND MET YOUR NEEDS?				Pb-2	6924.85
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Sub Total	12,554.85
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Cheyenne TAX 7.3%	630.39
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	13,185.24
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR *Dave A...*

APPROVAL

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 04/06/09 PAGE NO. 1

CUSTOMER MUDPIM DRILL WELL NO. 1231 LEASE RAILE JOB TYPE LONGSTRING TICKET NO. 16401

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0730							DN LOCATION CMT: 300 SIS EA 2, 3/4" CCL RTD SIS 30, SET PIPE @ SID 1, SJ 2180, FEELT 5099 5/8" 15, 5/16" 5000 GAL FLOCKER, 4 YCL CMT 1, 2, 3, 4, 5, 7, 8, 9, 11, 13, 15, 17, 19, 21, 32, PUMPING SCATTERERS 20EA, 100PT
	0735							START C56 FLOATER
	0850							CIRC 1/2 WAY IN 200PSI
	1015							TAL BUTTER; DDDP BML
	1025							DRYER CIL, ROTARY PIPE
	1105							PLUG RH, MH 30SIS & 15SIS
	1130	5.5	0		✓		200	START YCL FLUSH
			10		✓			" FLOCKER
			22		-			" YCL FLUSH
			32		-			END FLUSHES
			0		✓			START CMT
			63		✓			END CMT
								DRY L.D. PLUG, WASHOUT PL
	1150	6.0	0		✓		200	START DISP
			583		✓		300	CMT ON BUTTER
			90		-		650	
			95		-		800	
			100		-		900	
			105		-		950	
			110		-		950	
			115		-		1000	
	1210	4.5	1213		✓		1400	LAND PLUG
	1215							RELEASE - DRY
	1300							JOB COMPLETE
								THANK YOU!
								DAR, JOSEPH B. JAVEL

KANSAS CORPORATION COMMISSION

JUL 24 2009

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24 S. Lincoln Street
P.O. Box 31
Russell, KS 67665-2906

Voice: (785) 483-3887
Fax: (785) 483-5566

INVOICE

Invoice Number: 118527

Invoice Date: Mar 28, 2009

Page: 1

*acct 416..
fini*

Bill To:
Murfin Drig. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

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*operator pay
/ on*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	Raile #12-31 / <i>on</i>	Net 30 Days	
Job Location	Camp/Location	Service Date	Due Date
KS1	Oakley	Mar 28, 2009	4/27/09

Quantity	Item	Description	Unit Price	Amount
300.00	MAT	Class A Common	15.45	4,635.00
6.00	MAT	Gel	20.80	124.80
11.00	MAT	Chloride	58.20	640.20
317.00	SER	Handling	2.40	760.80
100.00	SER	Mileage 317 sx @ .10 per sk per mi	31.70	3,170.00
1.00	SER	Surface	1,018.00	1,018.00
86.00	SER	Extra Footage	0.85	73.10
100.00	SER	Mileage Pump Truck	7.00	700.00
1.00	EQP	Surface Plug	68.00	68.00

Account	Unit Rig	W	No.	Amount	Description
03600	003	W	3411	11589.06 (3916.46)	Cement - S.C.Sg.

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 3916.46

ONLY IF PAID ON OR BEFORE

Apr. 27, 2009

Subtotal	11,889.90
Sales Tax	399.16
Total Invoice Amount	11,589.06
Payment/Credit Applied	
TOTAL	11,589.06

*3916.46
7672.60*

