



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1197580
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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: _____ Date: _____

1197580

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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

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				

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 <i>(Amount and Kind of Material Used)</i>	Depth

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: <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 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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Walter 6-1
Doc ID	1197580

All Electric Logs Run

Dual Induction
Dual Compensated
Microresistivity
Borehole Compensated

MDCI
Walter #6-1
1320' FNL 2270' FEL
Sec. 1-T1S-R36W
3163' KB

MDCI
Walter #4-1
765' FNL 1860' FEL
Sec. 1-T1S-R36W
3136' KB

Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3093	+70	-3	3088	+75	+2	3063	+73
B/Anhydrite	3125	+38	+3	3125	+38	+3	3101	+35
Neva	3570	-407	+4	3569	-406	+5	3547	-411
Red Eagle	3632	-469	+4	3631	-468	+5	3609	-473
Foraker	3676	-513	+6	3676	-516	+6	3655	-519
Topeka	3892	-729	-2	3886	-723	+4	3863	-727
Oread				4001	-838	+1	3975	-839
Lansing				4105	-942	+2	4080	-944
Stark				4319	-1156	+1	4293	-1157
BKC				4367	-1204	+4	4344	-1208
RTD	4480	-1317					4440	
LTD				4436	-1273		4441	

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Co. Inc.**

LEASE **Walter #6-1**

FIELD **N/A**

LOCATION **13207mi & 2270'el**

SEC **1** TWP **S** RGE **36W**

COUNTY **Rawlins** STATE **Kansas**

CONTRACTOR **Murfin Drilling Co. Inc. Rig #2**

SPUD **11/21/2013** COMP **12/13/2013**

RTD **4480'** LTD **4436'**

MUD UP **3250'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3480'** TO **11D**

DRILLING TIME KEPT FROM **3480'** TO **11D**

SAMPLES EXAMINED FROM **3480'** TO **11D**

GEOLOGICAL SUPERVISION FROM **3700'**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS

ANHYDRITE

NEVA

FORAKER

TOPEKA

OREAD

LANSING

STARK

BKC

ELEVATIONS

KB **3163'**

DF _____

GL **3152'**

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR

SURFACE **8-5/8" at 255'**

PRODUCTION **5-1/2" @ 4430'**

ELECTRICAL SURVEYS

Power/Energy Services

Posediffusion/center/vent

Formed Energy Services

FORMATION TOPS

ANHYDRITE

NEVA

FORAKER

TOPEKA

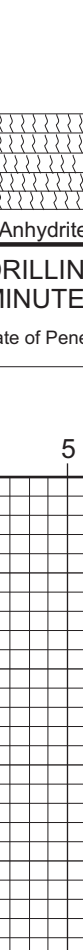
OREAD

LANSING

STARK

BKC

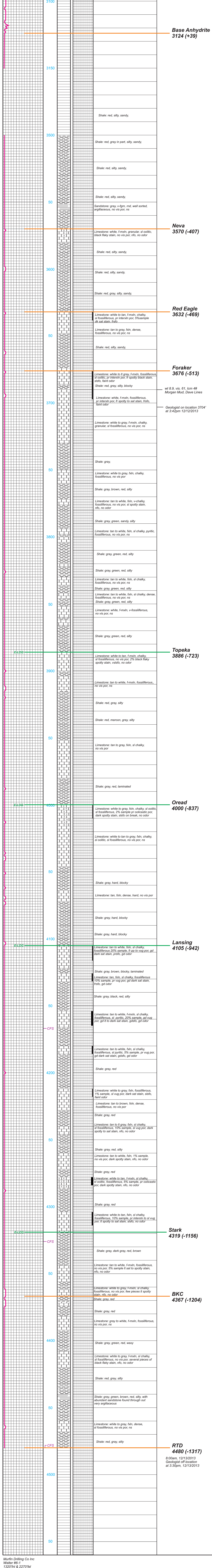
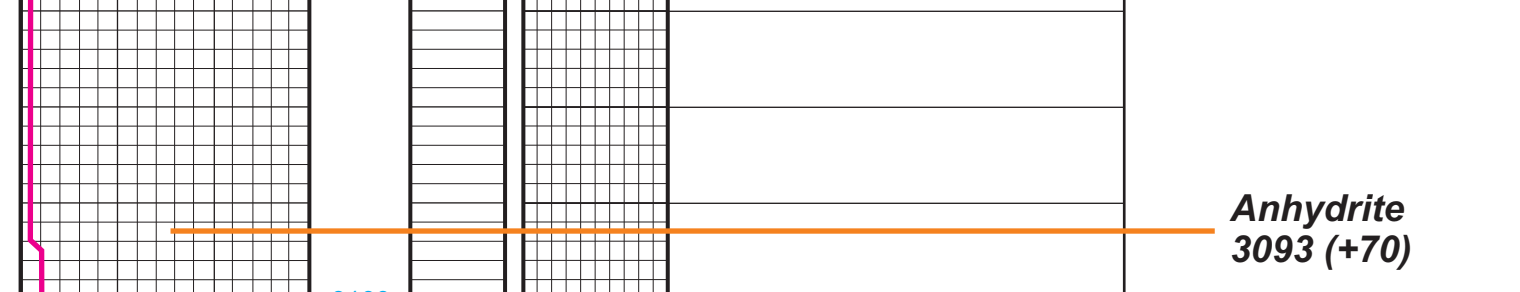
AP# 15-153-20967



REMARKS:

The well was drilled with a PDC bit to TD. I caught samples at every 20' interval which made descriptions an their correlation to drill time somewhat less precise than normally would be achieved. Due to lack of character on drill time I was unable to make calls on the Topeka through Stark. All shows were noted and should be further tested.

LEGEND





PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

acct. Prod-Light

INVOICE

Invoice Number: 140258

Invoice Date: Dec 11, 2013

Page: 1

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

Customer ID	Field Ticket #	Payment Terms	
Murfin	62168	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 11, 2013	1/10/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Walter #6-1		
180.00	CEMENT MATERIALS	Class A Common	17.90	3,222.00
6.00	CEMENT MATERIALS	Chloride	64.00	384.00
189.00	CEMENT SERVICE	Cubic Feet Charge	2.48	468.72
696.80	CEMENT SERVICE	Ton Mileage Charge	2.60	1,811.68
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Mike McKampson		

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

\$ 3,024.57

ONLY IF PAID ON OR BEFORE

Jan 5, 2014

Subtotal	8,641.65
Sales Tax	284.87
Total Invoice Amount	8,926.52
Payment/Credit Applied	
TOTAL	8,926.52

-3024.57

OK



P. O. Box
Ness City, KS
Off: 785-79

Acety —
cc: WP
cc: Liz
cc: L-1

Invoice

DATE	INVOICE #
12/13/2013	25312

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661
USED FOR <u>IC 103</u>
APPROVED <u>JR</u> <u>FH</u>

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#6-1	Walters	Rawlins	Company Tools	Oil	Development	Top To Bottom ...	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				145	Miles	6.00	870.00
579D	Pump Charge - Top To Bottom LongString - 4436 Feet				1	Job	2,000.00	2,000.00
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
403-5	5 1/2" Cement Basket				3	Each	300.00	900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				15	Each	90.00	1,350.00T
413-5	5 1/2" Roto Wall Scratcher				18	Each	40.00	720.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				200	Sacks	14.50	2,900.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	18.50	5,550.00T
276	Flocele				125	Lb(s)	2.50	312.50T
283	Salt				1,000	Lb(s)	0.20	200.00T
284	Calseal				9	Sack(s)	35.00	315.00T
285	CFR-1				150	Lb(s)	4.50	675.00T
581D	Service Charge Cement				500	Sacks	2.00	1,000.00
583D	Drayage				3,647	Ton Miles	1.00	3,647.00
	Subtotal							22,174.50
	Sales Tax Rawlins County						7.90%	1,157.94

**Thank You For Your Business &
Best Wishes For A Wonderful Holiday Season!!**

Total \$23,332.44



CHARGE TO: Marlin Duly Co Inc
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET 25312

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness City, KS
 3. _____
 4. _____

WELL/PROJECT NO: #61
 LEASE: Walters
 COUNTY/PARISH: Ravilias
 STATE: KS
 CITY: _____

TICKET TYPE: SERVICE
 SALES
 CONTRACTOR: Co Tools #2
 RIG NAME/NO: _____

WELL TYPE: oil
 WELL CATEGORY: Development
 JOB PURPOSE: Trub Leasing
 WELLS PERMIT NO.: _____

DATE: 12-13-13
 ORDER NO.: 50000
 OWNER: _____

WELL LOCATION: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
5775					MILEAGE #111	145	air			6.00	870.00
579					Pump Charge (Trub Leasing)	1	ea	4436	'	2000.00	2000.00
221					KCL	2	pd			25.00	50.00
281					Mud Plush	5	ea			1.25	625.00
290					D-Air	5	ea			42.00	210.00
403					Baskets	3	ea	5 1/2		300.00	900.00
406					L O Plug & Back Pile	1	ea			275.00	275.00
407					Insert Foot Shoe w/ Fill	1	ea			375.00	375.00
409					Timberlizers	15	ea			90.00	1350.00
413					Rotawall Scratchers	18	ea			40.00	720.00
414					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

DATE SIGNED: 12-14-13 TIME SIGNED: 0445 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL 1	2875.00
WE UNDERSTOOD AND MET YOUR NEEDS?				page 2	145.99
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Subtotal	22474.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ravilias TAX 6%	1157.94
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL	23,332.44

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: Marlin Duly APPROVAL: Marlin Duly

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 12/3/13 PAGE NO.

CUSTOMER: *Martin Drilling Co Inc*

WELL NO. # *6-1*

LEASE *Walters*

JOB TYPE *T to B Longstring*

TICKET NO. *25312*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>2315</i>							<i>on loc w/FE</i>
								<i>RTD 4480' LTD 4436'</i> <i>5 1/2" x 15.5 # x 4430' x 21'</i> <i>Turbos 1-10, 12, 14, 16, 22, 32</i> <i>Basket 17, 23, 33</i> <i>Scratchers 18 ea</i>
	<i>0000</i>							<i>Start FE</i>
	<i>0145</i>							<i>Break Circ</i>
	<i>0315</i>	<i>5</i>	<i>0</i>				<i>200</i>	<i>Start Mud Flush 50 gal</i>
	<i>0320</i>	<i>5</i>	<i>12/0</i>				<i>200</i>	<i>Start 20 bbl KCL Flush</i>
	<i>0324</i>	<i>5</i>	<i>20/0</i>				<i>200</i>	<i>Start 200 sks SMD</i>
	<i>0352</i>	<i>5</i>	<i>139/0</i>				<i>200</i>	<i>Start 200 sks EA-2</i>
	<i>0402</i>		<i>48</i>					<i>End Cement</i> <i>wash P/L</i> <i>Drop L.D. Plug</i>
	<i>0410</i>	<i>6</i>	<i>0</i>				<i>200</i>	<i>Start Displacement</i>
	<i>0420</i>	<i>5</i>	<i>65</i>				<i>700</i>	<i>Circ. Cement</i>
	<i>0430</i>		<i>105</i>				<i>1100</i> <i>1500</i>	<i>Land Plug Release Pressure</i> <i>Floater Held</i>
	<i>0435</i>		<i>7/5</i>					<i>Plug RH & MH</i>
								<i>lost circ from 20 bbl to 90 bbl</i>
								<i>circ 50 sks stop it</i>
								<i>Thank you</i>
								<i>Nick, David E. & Craig</i>