



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1202894  
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: \_\_\_\_\_

1202894

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Walter 7-1
Doc ID	1202894

All Electric Logs Run

Dual Induction
Dual Compensated
Microresistivity
Borehole Compensated



# Robert D. Hendrix

## Petroleum Geologist

### GEOLOGIST'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Co. Inc.**

LEASE **Walter #7-1**

FIELD **Neva**

LOCATION **1 320' W & 1320' E**

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

COUNTY **Rawlins** STATE **Kans**

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

SPUD **1/13/2014** COMP **1/17/2014**

RTD **4:50'** LTD **4:50'**

MUD UP **3:15'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3:50'** TO **TD**

DRILLING TIME KEPT FROM **3:50'** TO **TD**

SAMPLES EXAMINED FROM **3:50'** TO **TD**

GEOLOGICAL SUPERVISION FROM **3670'**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMER SUPERVISOR **Robert D. Hendrix**

FORMER SUPERVISOR **Robert D. Hendrix**

FORMER SUPERVISOR **Robert D. Hendrix**

FORMER SUPERVISOR **Robert D. Hendrix**

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FORMER SUPERVISOR **Robert D. Hendrix**

FORMER SUPERVISOR **Robert D. Hendrix**

ELEVATIONS  
KB **3191'**

DF \_\_\_\_\_

GL **3180'**

MEASUREMENTS ARE ALL FROM **Keely Bushing**

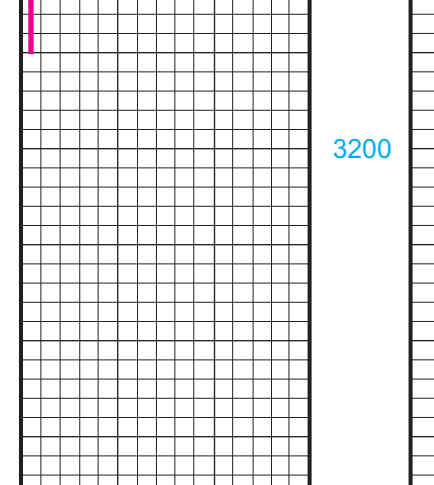
CASING CONDUCTOR \_\_\_\_\_

SURFACE **8.518' at 224'**

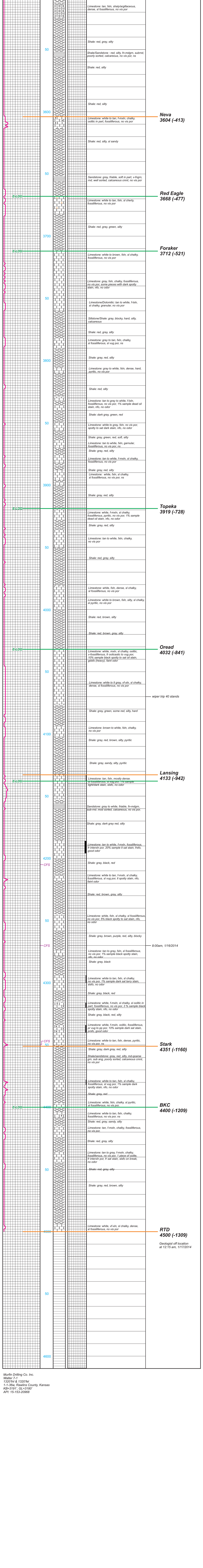
PRODUCTION **5.12' @ 442'**

ELECTRICAL SURVEYS  
Pence Electric Services  
Beneff Electric Services

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	3104 (-87)	3115 (-76)
Neve	3602 (-41)	3604 (-113)
Topeka	3712 (-28)	
Oread	3919 (-78)	
Lansing	4138 (-97)	4133 (-94)
Stark Shale	4351 (-116)	4351 (-116)
BKC	4400 (-120)	



REMARKS:



Walter #7-1  
 Daily Drilling Report  
 Page Two

MDCI Walter #7-1 1320' FNL 1320' FEL Sec. 1-T1S-R36W 3191' KB							MDCI Walter #5-1 765' FNL 867' FEL Sec. 1-T1S-R36W 3142' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3115	+76	+3	3115	+76	+3	3069	+73
B/Anhydrite	3151	+40	+3	3153	+38	+1	3105	+37
Neva	3604	-413	Flat	3602	-411	+2	3555	-413
Red Eagle				3665	-474	+2	3618	-476
Foraker				3712	-521	+2	3665	-523
Topeka				3919	-728	+2	3872	-730
Oread				4032	-841	+4	3987	-845
Lansing	4133	-942	+3	4137	-946	-1	4087	-945
Stark	4351	-1160	Flat	4351	-1160	Flat	4302	-1160
BKC				4400	-1209	+3	4354	-1212
RTD	4500	-1309					4474	-1332
LTD				4502	-1311		4478	-1336



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 140859  
Invoice Date: Jan 13, 2014  
Page: 1

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

<b>Bill To:</b>
Murfin Drg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Field Ticket #	Payment Terms	
Murfin	61443	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 13, 2014	2/12/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Walter 7-1, Section 1, Township 1S, Range 36W		
245.00	CEMENT MATERIALS	Class A Common	17.90	4,385.50
9.00	CEMENT MATERIALS	Chloride	64.00	576.00
257.25	CEMENT SERVICE	Cubic Feet Charge	2.48	637.98
948.80	CEMENT SERVICE	Ton Mileage Charge	2.60	2,466.88
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		

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

\$ 3,787.58

ONLY IF PAID ON OR BEFORE  
Feb 7, 2014

Subtotal	10,821.61
Sales Tax	391.96
Total Invoice Amount	11,213.57
Payment/Credit Applied	11,213.57
<b>TOTAL</b>	<b>0.00</b>

# ALLIED OIL & GAS SERVICES, LLC 061443

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
Oakley KS

DATE <u>1-13-14</u>	SEC. <u>1</u>	TWP. <u>1</u>	RANGE <u>36</u>	CALLED OUT	ON LOCATION <u>8:00 p.m.</u>	JOB START <u>9:00 a.m.</u>	JOB FINISH <u>9:30 a.m.</u>
LEASE <u>Walter</u>		WELL # <u>7-1</u>		LOCATION <u>Beardsley W to AA W to Rd 7</u>		COUNTY <u>Rawlins</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)			3 N winter				

CONTRACTOR <u>Murfin 2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u> T.D. <u>224'</u>	CEMENT
CASING SIZE <u>8 5/8</u> DEPTH <u>221.96'</u>	AMOUNT ORDERED <u>245 sks Com</u>
TUBING SIZE _____ DEPTH _____	<u>3% CC</u>
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <u>245 sks @ 17.90 4385.50</u>
MEAS. LINE _____ SHOE JOINT _____	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>15'</u>	GEL _____ @ _____
PERFS. _____	CHLORIDE <u>9 sks @ 64.00 576.00</u>
DISPLACEMENT <u>13.18 bbl</u>	ASC _____ @ _____

**EQUIPMENT**

PUMP TRUCK CEMENTER <u>Paul Beaver</u>
# <u>120</u> HELPER <u>Tyler Flipse</u>
BULK TRUCK
# <u>386</u> DRIVER <u>Joan 2 (TWS)</u>
BULK TRUCK
# <u>600</u> DRIVER <u>Thomas (TWS)</u>

**REMARKS:**

Mix 245 sks 3% CC 2% gel  
Displace w/ water  
Cement did circulate

Thank You!  
Paul & Tyler

CHARGE TO: Murfin Drlg

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

POZMIX _____ @ _____	
CHLORIDE <u>9 sks @ 64.00</u>	<u>576.00</u>
ASC _____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
HANDLING <u>257.25 ft<sup>3</sup> @ 2.48</u>	<u>637.98</u>
MILEAGE <u>11.86 tons x 80 mi x 26.00</u>	<u>2466.88</u>
<b>TOTAL</b>	<u>8066.36</u>

**SERVICE**

DEPTH OF JOB <u>224'</u>	
PUMP TRUCK CHARGE <u>1512.25</u>	
EXTRA FOOTAGE _____ @ _____	
MILEAGE <u>M 111 v 80 @ 7.70</u>	<u>616.00</u>
MANIFOLD <u>Sw edge @ 275.00</u>	<u>275.00</u>
<u>MLV 80 @ 4.40</u>	<u>352.00</u>
_____ @ _____	
<b>TOTAL</b>	<u>2755.25</u>

**PLUG & FLOAT EQUIPMENT**

_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
_____ @ _____	
<b>TOTAL</b>	_____

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Arvo Colburn

SIGNATURE Arvo Colburn

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 10,821.61

DISCOUNT 3,787.56 IF PAID IN 30 DAYS

7,034.04 Net.



# SWIFT



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



## Invoice

DATE	INVOICE #
1/17/2014	25368

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#7-1	Walter	Rawlins		Oil	Development	Cement Top To ...	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				150	Miles	6.00	900.00
579D	Pump Charge - Top To Bottom LongString - 4495 Feet				1	Job	2,000.00	2,000.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
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				25	Each	40.00	1,000.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				200	Sacks	14.50	2,900.00T
276	Flocele				50	Lb(s)	2.50	125.00T
283	Salt				1,000	Lb(s)	0.20	200.00T
284	Calseal				10	Sack(s)	35.00	350.00T
285	CFR-1				94	Lb(s)	4.50	423.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	18.50	5,550.00T
276	Flocele				75	Lb(s)	2.50	187.50T
581D	Service Charge Cement				500	Sacks	2.00	1,000.00
583D	Drayage				3,805.28	Ton Miles	1.00	3,805.28
	Subtotal							22,265.78
	Sales Tax Rawlins County						7.90%	1,150.28

**Thank You For Your Business In 2013!**  
**We Look Forward To Serving You In 2014!**

**Total**

\$23,416.06



CHARGE TO: Mountain Drilling Co  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET 25368

PAGE 1 OF 2

SERVICE LOCATIONS: 1. Hutchins 2. Ness City, KS

WELL/PROJECT NO. 7-1 LEASE Walter COUNTY/PARISH Rawlins STATE KS CITY \_\_\_\_\_ DATE 1-17-14 OWNER \_\_\_\_\_

TICKET TYPE  SERVICE  SALES CONTRACTOR C RIG NAME NO. #2 SHIPPED VIA CT DELIVERED TO Ness City, KS ORDER NO. \_\_\_\_\_

WELL TYPE D11 WELL CATEGORY In Field JOB PURPOSE Cut Top to Bitba L.S. WELL PAYMENT NO. \_\_\_\_\_ WELL LOCATION \_\_\_\_\_

REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575						152	mi				6.60	999.60
579					Pump Charge - cut top to Bitba	1	ea	495	ft		200.00	200.00
221					Liquid PCL	4	gal				25.00	100.00
281					Mud Fluid	500	gal				1.25	625.00
403					Cut. Baskets	3	ea	5 1/2	in		300.00	900.00
406					Little Davis Plug to Barrel	1	ea	5 1/2	in		275.00	275.00
407					Trest Top Stue w/ Anchor Rod	1	ea	5 1/2	in		375.00	375.00
409					Turbolizers	15	ea	5 1/2	in		9.00	135.00
413					2 to 4 Ball Sinterblers (125 ea)	25	ea	5	ft.		4.00	100.00
414					O Rings Head Roubel	1	ea	5 1/2	in		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 1-17-14 TIME SIGNED 2:00  A.M.  P.M.

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
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

Sub total 22,265.78  
 Rawlins TAX 1,150.28  
 TOTAL 23,416.06

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

SWIFT OPERATOR Alan Steward APPROVAL \_\_\_\_\_

Thank You!



Swifton, Inc

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

TICKET CONTINUATION

TICKET No 25368

CUSTOMER *Mitchell Digs Co*

WEL # 7-1 *Leather*

DATE 7-17-14

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE / PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WEIGHT				DATE	UNIT PRICE	AMOUNT	
		LOT	ACCT	ID			QTY	SYM	QTY	SYM				
395		2				Structural Reveal	200	SKS	18200	lbs		1450	290000	
276		2				Flarels	50	lbs				2850	142500	
283		2				Salt	1200	lbs				20	24000	
284		2				Calceal	940	lbs				3500	330000	
285		2				CFR-1	94	lbs				450	42300	
330		2				SUD Reveal	300	SKS	20700	lbs		1850	555000	
276		2				Flarels	75	lbs				250	18750	
581		2										200	100000	
583		2										100	380500	
SERVICE CHARGE														
MILEAGE CHARGE														
TOTAL WEIGHT							50730	lbs						
LOADED MILES							150							
CUBIC FEET							500	SKS						
TON MILES							38250	215						
CONTINUATION TOTAL												1454078		

JOB LOG

SWIFT Services, Inc.

DATE 1-17-14 PAGE NO.

CUSTOMER Martin Drilling Co.

WELL NO. 7-1

LEASE Walter

JOB TYPE Cnt. Longstrag

TICKET NO. 25368

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0645					15.5 #	5 1/2	TD 4500' DN loc. F.E. - DP Load Down Rig Log down R/E / M/H 125' Rot Wall Scrubbers St. Casing - KB-4492' 1/2 Insert Float Shoe L/Auto-Rel L.D. Baffle - 55-21' = 4471' 1/2' = 106.4 BBL Cent. Turbos 1-2-3-5-6-7-8-9-10-11-12-18-24 32-39 - Baffle # 25-33-46 Circ # 59' @ 2467' Fin circ - Continue run casing Drop Ball 5 JTs out Fin casing Start circ / Rotate Fin circ - Plug RH-30 SKS SWD cont M4-20 SKS SWD cont 250 Pump 500 gal Mud flush 250 Pump 20 BBL KCL flush 250 Start 250 SKS SWD cont @ 11.2 #/gal 4 150 200 Finish SWD - Start 200 SKS EA-2 cont 4 200 Finish EA-2 cont (99 BBL) Wash out pump & lines Drop L.D. Plug 9 350 Start Disp 8 60 450 Change lift pressure 6 93 cont circ 4 1300 circ press 1300 0 106 1/2 1800 Plug Down - Held Release & Held 1330 Job Complete Wash up & Packup  13 BBL cont @ 11.2 #/gal OR 2 SKS to BBL = 25 SKS cont circ to pit  [Signature] John, Son, Craig, Jared