



KANSAS CORPORATION COMMISSION 1125058
OIL & GAS CONSERVATION DIVISION

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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



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

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

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 Wire-line Logs surveyed. Attach final geological well site report.

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

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				

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	Andreson 1
Doc ID	1125058

All Electric Logs Run

Dual Induction Log
Compensated Density Neutron Log
Computer Generated Interpretation
Microlog

Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	Andreson 1
Doc ID	1125058

Tops

Name	Top	Datum
Anhydrite	1594	+620
Topeka	3148	-934
Heebner	3394	-1180
Toronto	3414	-1200
Kansas City	3422	-1208
Base KC	3636	-1422
Conglomerate	3656	-1442
Arbuckle	3740	-1526



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Meridian Energy, Inc.
1475 Ward Dr.
Franktown Co
80116
ATTN: Neal Lafon

4-10-19 Rooks CO

1 Anderson

Job Ticket: 44437

DST#: 1

Test Start: 2012.09.22 @ 00:14:15

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:35:00

Time Test Ended: 06:30:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 3333.00 ft (KB) To 3392.00 ft (KB) (TVD)

Reference Elevations: 2217.00 ft (KB)

Total Depth: 3392.00 ft (KB) (TVD)

2214.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 3.00 ft

Serial #: 6668 Outside

Press @ Run Depth: 200.95 psig @ 3335.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.09.22 End Date: 2012.09.22

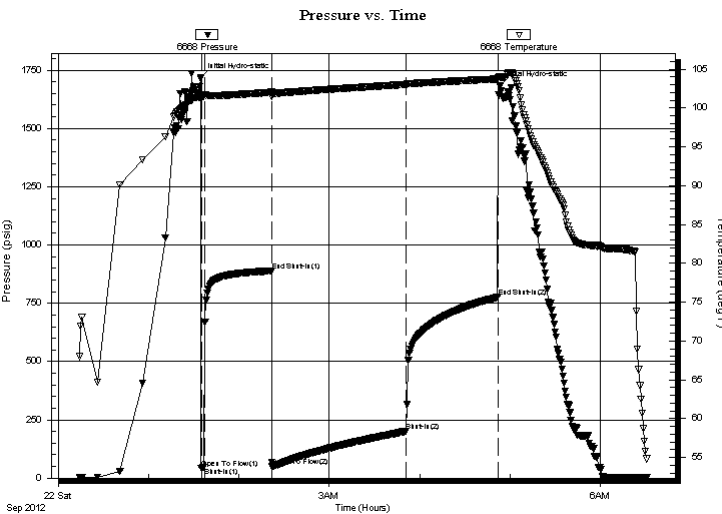
Last Calib.: 2012.09.23

Start Time: 00:14:15 End Time: 06:30:45

Time On Btm: 2012.09.22 @ 01:34:45

Time Off Btm: 2012.09.22 @ 04:53:15

TEST COMMENT: IF: Built to 1 1/2"
IS: No return blow
FF: BOB in 24 min.
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1718.68	101.68	Initial Hydro-static
1	41.66	101.14	Open To Flow (1)
3	46.36	101.42	Shut-In(1)
47	888.90	102.02	End Shut-In(1)
48	49.40	101.78	Open To Flow (2)
137	200.95	103.01	Shut-In(2)
198	776.12	103.72	End Shut-In(2)
199	1681.39	103.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	sw 100%sw	4.35

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Meridian Energy, Inc.

4-10-19 Rooks CO

1475 Ward Dr.
Franktown Co
80116

1 Anderson

Job Ticket: 44437

DST#: 1

ATTN: Neal Lafon

Test Start: 2012.09.22 @ 00:14:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	sw 100%sw	4.348

Total Length: 310.00 ft Total Volume: 4.348 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

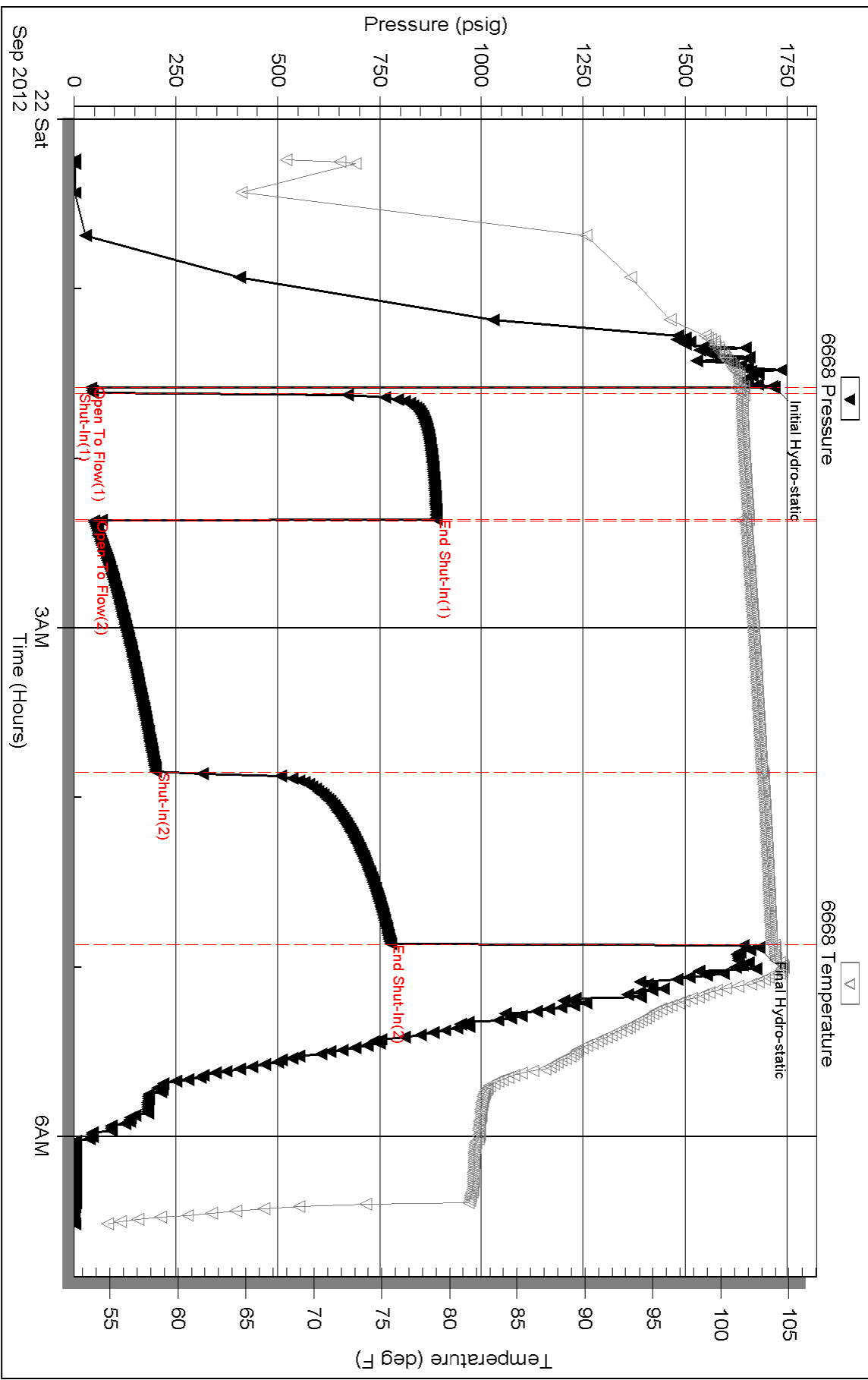
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .451@45.4*= 25,000 ppm

Pressure vs. Time



WELL REPORT

Meridian Energy Inc. #1 Andreson
N/2 NW NW Section 4
660' fwl x 330' fel
T. 10 S., R. 19W.
Rooks County, Kansas

Elevation: GL 2207 KB 2214

Results: Ran csg to evaluate the Arbuckle

Drilling Contractor: Royal Drilling, Rig 1

Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density/Microlog

Wellsite Geologist: Neal LaFon- Franktown, Colorado

FORMATION TOPS

Anhydrite	1594	+620
Topeka	3148	- 934
Heebner	3394	-1180
Toronto	3414	-1200
Kansas City	3422	-1208
Base KC	3636	-1422
Conglomerate	3656	-1442
Arbuckle	3740	-1526
Total Depth	3812 logger	

SAMPLE DESCRIPTIONS

10' SAMPLES LAGGED AND CORRELATED BACK TO LOG

Topeka Limestone	3188-3210	Ls, gray, f xtlm-micro xtlm, hd tt, no show
	3212-3228	Ls, wt, chalky, soft, no show
	3236-3250	Ls, gray, arg in pt, micro xtlm, hard, tt, no show
	3250-3285	Ls, wt- brn, chalky, soft, no show
	3296-3340	Ls, wt, micro-crypto xtlm, hd, tt, no show
	3342-3350	Ls, brn, f xtlm, grnst, tr vug por, brn stn, looks tt, GSFO on brk, gd odor
	3360-3370	Ls, gray, m xtlm, pinpt vug por, w/blk stn, FSFO on brk
	3370-3394	Ls, wt, micro xtlm, tt, no show
Toronto	3414-3425	Ls, wt, micro xtlm, tt, no show
Kansas City	A 3432-3448	Ls, wt, tr, micro xtlm, tr oolitic, hard, tt, no show
	B 3452-3458	Ls, wt, micro xtlm, tt, hd, no show

- C 3470-3480 Ls, brn, vf xtl, brn stn, soft, NSFO. Some a/a w/barren mirco xtl areas w/patchy vf xtl ls, w/stn, looks very tt
- D 3486-3500 Ls, m grnstn, inter gran por, sl brn stn, NSFO, some Ls, wt, micro xtl, w patchy f xtl, brn stn, but NSFO, poor p and p some w/dead oil stn.
- E- F 3500-3520 Ls, wt, m grnston, pin pt vug por and inter gran por, blk stn FSFO on break.
- G 3520-3530 Ls, wt, micro xtl, scat vugs, lt brn stn NSFO some with no stain, NSFO
- 3530-3550 Ls, wt, micro xtl, hd, tt, no show, few grns, m grnstn, hard, w/stn, NSFO couple grns, vug w/lt stn NSFO (oil washed out?)
- H 3564-3578 Ls, wt, micro xtl, tt, no show, no w. One grn w/stn, vug por NSFO, one grn vf tt, bleeding oil, PSFO
- I 3580-3588 Ls, wt, micro xtl, hd, tt, no show, one grn w/ barren vugs.
- J 3600-3613 Ls, gray, micro xtl, , hd tt, no show. Couple grns ls, m grnstn, stn, foss, GSFO on break
- K 3620-3636 Ls, wt, micro xtl, hd, tt, no show
- L 3656-3660 Ls, a/a
- Conglomerate 3668-3694 chert, orange, some bitumen, finely disseminated and chunks.
- Simpson ? 3722-3728 Dolo, wt sucrosic, vf xtl, hd, tt, no show

*Samples from this point are just lagged, not tied to log depths.
Each depth represents "a bag".*

- Arbuckle 3740-3750 Dolo, clear-buff, rextlzed, hd, tt, barren, no show. Some Dolo, w/strks of vug por w/stn, GSFO, some vf xtl, solid stn, soft, GSFO on break, gd odor/oil scum.
- 3750-3762 Dolo, a/a, no show. Few pieces extremely vug, oomoldic, blk stn, GSFO, gd odor/oil scum (show largely confined to smaller grains in bottom of tray....

Better rock appears to be ground up)

**3762-3770 Dolo, pink-wt, vf xtn, hard, cemented, tt, no show
few pieces vf xtn-"sucrosic", sl soft, good p and p,
GSFO on brk (appears less show in this bag)**

**3770- 3778 Dolo, barren tt, a/a Picking up show again, some
Dolo vf xtn, sucrosic, soft stn, GSFO on brks,
some coarser m xtn, vuggy, wt- clear, stn GSFO**

**3778-3792 Dolo a/a barren tt, no show . several pieces w/tar in
vugs, not much show even among fine fraction of
samples... think we are getting out of show.**

**3792-3800 Dolo, buff, glassy, tt, no show a/a,
few pieces dolo, v coar xtn, w/dd oil stn**

3800-3805 Dolo, pink, hard, tt, no show

3805-3810 Dolo, a/a no show.

DRILL STEM TESTS

TOPEKA

Dst #1 3333-3392 OP 2 SI 45 OP 90 SI 60

Rec 310' SW

FP 41-46 49-200

SIP 888-776

Rw .451 @ 45.4 25,000 ppm chlorides

COMMENTS

**Good shows of weak magnitude were seen at least 30 feet into the Arbuckle,
possibly lower. Most of the samples were composed of barren, tite, Arbuckle. A
relatively small percentage of the samples, never more than 10-15% consisted of
good Arb with show. Most of the good rock with show was seen as smaller grains. I
suspect the porous Arb was ground up and was not well represented in the samples.
The logs indicate streaky porosity and perm and this is reflected in the samplas well.**



CHARGE TO: *Meridian Oil*

ADDRESS

CITY, STATE, ZIP CODE

TICKET N° 23293

PAGE 1 OF 2

WELL/PROJECT NO. *1* LEASE *Anderson* COUNTY/PARISH *Booke* STATE *Ks* CITY *Zurich* DATE *24 SEP 12* OWNER

TICKET TYPE SERVICE SALES CONTRACTOR *1* RIG NAME/NO. *1* DELIVERED TO *location* ORDER NO.

WELL TYPE *oil* WELL CATEGORY *Development 2 stage long string* WELL PERMIT NO. *4-10-19*

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
575		1							6.00	300.00
579		1		MILEAGE TRK 114	30 mi				1850.00	1850.00
402		1		Pump Charge	5 1/2 in		8 em		70.00	560.00
403		1		Cent. roller	5 1/2 in		2 ea		250.00	500.00
406		1		Concrt basket	5 1/2 in		1 ea		350.00	350.00
407		1		Catchdown plug & baffle	5 1/2 in		1 ea		3000.00	3000.00
408		1		Insert float & shawl auto fill	5 1/2 in		1 ea		200.00	200.00
417		1		DV tool	5 1/2 in		1 ea		200.00	200.00
419		1		DV latch down plug & baffle	5 1/2 in		1 ea		200.00	200.00
				Rotating head rental	5 1/2 in		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

Jeff Crawford
DATE SIGNED _____ TIME SIGNED _____

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	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

PAGE TOTAL 6940.00
SUBTOTAL 16,386.00
TAX 789.71
TOTAL 17,176.33

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

SWIFT OPERATOR _____ APPROVAL _____

Thank You!



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

TICKET CONTINUATION

TICKET No. 23293

CUSTOMER *Mention Oil* WELL *Anderson #1* DATE *24 Sep 12* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY.	UM				QTY.
330		1					225	sk		16.50	3712.50	
325		1				<i>STANDARD cement (For #1-2)</i>	150	sk		13.50	2025.00	
284		1				<i>calseal</i>	700	lb		7.50	5250.00	
283		1				<i>Sulf</i>	750	lb		0.20	150.00	
286		1				<i>Welded -1</i>	75	lb		7.50	562.50	
276		1				<i>Flocbe</i>	100	lb		2.00	200.00	
290		1				<i>D-aie</i>	3	gal		35.00	105.00	
281		1				<i>MUFFLASH</i>	500	gal		1.25	625.00	
221		1				<i>PCL Guard</i>	4	gal		25.00	100.00	
581		1				SERVICE CHARGE				375	200	750.00
583		1				MILEAGE CHARGE				3.80	951.62	
							TOTAL WEIGHT	375				
							LOADED MILES	50				
							CUBIC FEET					
							TON MILES	951.62				

CONTINUATION TOTAL 9426.62

JOB LOG

SWIFT Services, Inc.

DATE 9-24-12 PAGE NO.

CUSTOMER: Meridian Oil WELL NO. # / LEASE: Anderson JOB TYPE: 2 Stage 5 1/2" Longstring TICKET NO. 23293

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								150 sks EA-2 w/ 1/4" Flocele
								225 sks SMD w/ 1/4" Flocele
								5 1/2" 15.5# RTD-3810' steel 3811' shoe Jt #1 21.8
								Centralizer - #1, 3, 5, 7, 9, 11, 13, 50 Basket - #8, 51
								Dr. V. tool - 1622' Jt #51
	1900							on location truck #114
	2029							Start 5 1/2" 15.5# in well
	2204							Drop ball circulate start Rotating
	2313	6 3/4	12				300	Pump 500 gal Mud flush
		6 3/4	20				300	Pump 20 bbl KCl water
	2320	7 1/2	36				200	Mix EA-2 amt 150 sks @ 15.5 ppq
								wash out pumping lines Drop L.D. plug
	2337	6 3/4					200	Displace L.D. plug
		6 3/4	85				800	
		6 3/4	90				1500	Land Plug 1st stage
	2351							Release pressure plug held
5285	0000							Drop Bomb
							1100	Open Dr. V. tool
	0010							circulate
	0015		7					Plug RH - 30 sks MH - 20 sks
	0050	6 3/4	20				300	Pump 20 bbl KCl water
	0155	6 3/4	97				200	Mix EA-2 SMD amt { 175 sks @ 11.2 ppq } → circulate amt to pit ← { 40 sk to pit }
								Drop top stage plug
	0125	6 3/4					200	Displace top stage plug
		6 3/4	30				400	
		6 3/4	40				1700	Land top stage plug plug held
								wash up + Rack up truck
	0200							Thanks - Dave, Blaine, T.J. + Jon

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 6007

Cell 785-324-1041

Date	9-19-12	Sec.	4	Twp.	10	Range	19	County	ROOKS	State	KANSAS	On Location		Finish	9:30		
Lease								Anderson		Well No.		#1					
Contractor								ROYAL #1		Owner		MERIDIAN ENERGY					
Type Job								SURFACE		To Quality Oilwell Cementing, Inc.		You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size				T.D.				221'		Charge To		MERIDIAN ENERGY					
Csg.				8 5/2"				Depth		221'		Street		1475 WARD DR.			
Tbg. Size				Depth				City		FRANKTOWN		State		CO, 80116			
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Cement Left in Csg.				Shoe Joint				15'		Cement Amount Ordered		150com - 38 - 292					
Meas Line				Displace				13 Bbls									
EQUIPMENT								Common		150							
Pumptrk		#5		No.		Cementer Helper		BRETT		Poz. Mix							
Bulktrk		#14		No.		Driver		DOUG		Gel.		3					
Bulktrk		P/U		No.		Driver		CISCO		Calcium		5					
JOB SERVICES & REMARKS								Hulls									
Remarks:								SWEDGE ON LOCATION ↓		Salt							
Rat Hole								Flowseal									
Mouse Hole								Kol-Seal									
Centralizers								Mud CLR 48									
Baskets								CFL-117 or CD110 CAF 38									
D/V or Port Collar								Sand									
								Handling		158							
CEMENT DID CIRCULATE ↓								Mileage									
FLOAT EQUIPMENT								Guide Shoe									
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
								Pumptrk Charge		SURFACE							
								Mileage		31							
								Tax									
								Discount									
								Total Charge									
THANK YOU ↓																	
Signature		X				DOUG BUDY											