



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1077955  
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: \_\_\_\_\_

1077955

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 <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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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**QUALITY OILWELL CEMENTING, INC.**

PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone: 785-324-1041 fax: 785-483-1087  
 Email: cementing@ruraltel.net

Date: 2/29/2012  
 Invoice # 240

P.O.#:  
 Due Date: 3/30/2012  
 Division: Russell

# Invoice

**Contact:**  
 Carmen Schmitt Inc  
**Address/Job Location:**  
 Carmen Schmitt Inc  
 P.O. Box 47  
 Great Bend Ks 67530

**Reference:**  
 GANTZ 2-32

**Description of Work:**  
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 1,275.68	No				
Common-Class A	150	\$ 2,045.29	Yes				
Bulk Truck Matl-Material Service Charge	158	\$ 353.18	No				
Pump Truck Mileage-Job to Nearest Camp	25	\$ 278.85	No				
Calcium Chloride	5	\$ 210.45	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	25	\$ 163.18	No				
Premium Gel (Bentonite)	3	\$ 54.59	Yes				

**Invoice Terms:**

Net 30

*SubTotal:* \$ 4,381.22

*Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:* \$ (657.18)

SubTotal for Taxable Items:	\$ 1,963.78
SubTotal for Non-Taxable Items:	\$ 1,760.26
<b>Total:</b>	<b>\$ 3,724.04</b>
<b>Tax:</b>	<b>\$ 123.72</b>

6.30% Ness County Sales Tax

**Thank You For Your Business!**

**Amount Due:** \$ **3,847.76**

**Applied Payments:**

**Balance Due:** \$ **3,847.76**

Past Due Invoices are subject to a service charge (annual rate of 24%)  
 This does not include any applicable taxes unless it is listed.  
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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

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

No. 240

Date	2/25/12	Sec.	32	Twp.	17	Range	24	County	Ness	State	KS	On Location		Finish	3:30 PM	
Lease	Gantz	Well No.	2-32		Location Ness City, W, Sta N, W into											
Contractor	Southwind Rig #70							Owner 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.								
Type Job	Surface							Charge To Curman Schmitt								
Hole Size	12 1/4"		T.D.		224'											
Csg.	8 5/8"		Depth		224'											
Tbg. Size			Depth		Street											
Tool			Depth		City State											
Cement Left in Csg.	15'		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.											
Meas Line			Displace		13 1/4 Bbls.		Cement Amount Ordered 150 ex Com 3 1/2% 2% gel									
<b>EQUIPMENT</b>																
Pumptrk	9	No.	Cementer	Dawn		Common 150										
Bulktrk	14	No.	Driver	Matt		Poz. Mix										
Bulktrk	PV	No.	Driver	Craig		Gel. 3										
<b>JOB SERVICES &amp; REMARKS</b>																
Remarks:								Calcium 3								
Rat Hole								Hulls								
Mouse Hole								Salt								
Centralizers								Flowseal								
Baskets								Kol-Seal								
D/V or Port Collar								Mud CLR 48								
Est. Circ.								CFL-117 or CD110 CAF 38								
Mix 150 ex								Sand								
Displace								Handling 158								
Cement circulated								Mileage								
<b>FLOAT EQUIPMENT</b>																
							Guide Shoe									
							Centralizer									
							Baskets 2 5/8"									
							AFU Inserts									
							Float Shoe Swage									
							Latch Down									
							Pumptrk Charge Surface									
							Mileage 9 25 min chg									
							Tax									
							Discount									
							Total Charge									
<p style="font-size: 2em; font-weight: bold; text-align: center;">Thank You!!</p> <p style="font-size: 1.5em; text-align: center;">Tim Fehin</p>																
<p>X Signature</p>																



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



# Invoice

DATE	INVOICE #
3/6/2012	22016

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-32	Gantz	Ness	SouthWind Drilling	Oil	Development	Cement LongStri...	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	20	Miles	6.00	120.00
578D-L	Pump Charge - Long String	1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer	10	Each	70.00	700.00T
403-5	5 1/2" Cement Basket	2	Each	250.00	500.00T
404-5	5 1/2" Port Collar	1	Each	2,400.00	2,400.00T
405-5	5 1/2" Formation Packer Shoe	1	Each	1,400.00	1,400.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	250.00	250.00T
325	Standard Cement	175	Sacks	13.50	2,362.50T
284	Calseal	8	Sack(s)	35.00	280.00T
283	Salt	900	Lb(s)	0.20	180.00T
285	CFR-1	125	Lb(s)	4.00	500.00T
276	Flocele	50	Lb(s)	2.00	100.00T
290	D-Air	3	Gallon(s)	35.00	105.00T
281	Mud Flush	500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
581D	Service Charge Cement	175	Sacks	2.00	350.00
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				11,672.50
	Sales Tax Ness County			6.30%	595.51

<b>We Appreciate Your Business!</b>	<b>Total</b>	\$12,268.01
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CHARGE TO: Carmen Schmitt  
 ADDRESS: \_\_\_\_\_  
 CITY-STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 N<sup>o</sup> 22016

PAGE 1 OF 2

SERVICE LOCATIONS: New City KS WELL/PROJECT NO. 2-32 LEASE Gantz COUNTY/PARISH Ness STATE KS CITY Ness City DATE 6 March OWNER \_\_\_\_\_  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR \_\_\_\_\_ RIG NAME/NO. \_\_\_\_\_ SHIPPED  DELIVERED TO location ORDER NO. \_\_\_\_\_  
 3. WELL TYPE oil WELL CATEGORY DEVELOPMENT JOB PURPOSE cement long string WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION 32-17-24W  
 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	20	mi		6.00	120.00	
578		1			Pump Charge	1	ea		1500.00	1500.00	
402		1			Centralizer	52	in	10	ea	70.00	700.00
403		1			Cement Basket	52	in	2	ea	250.00	500.00
404		1			Port Collar	52	in	1	ea	2400.00	2400.00
405		1			Formation Packae Shoe	52	in	1	ea	1400.00	1400.00
406		1			Latchdown plug & haffle	52	in	1	ea	250.00	250.00

**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 Tim Fabian  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  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	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL 1 6870.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2 4802.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				subtotal 11672.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Ness TAX @ 6.3% 595.51
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		TOTAL 12,268.01
<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 \_\_\_\_\_ APPROVAL \_\_\_\_\_

Thank You!



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

TICKET CONTINUATION

TICKET No. 22016

CUSTOMER *Carman Schmitt* WEL# *6412 232* DATE *6 MAR 12* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF									
<i>325</i>		<i>1</i>				<i>Standard cement (for EA-2)</i>	<i>175</i>	<i>sk</i>			<i>13.50</i>	<i>2362.50</i>	
<i>284</i>		<i>1</i>				<i>calseal</i>	<i>800</i>	<i>lb</i>	<i>8</i>	<i>sk</i>	<i>35.00</i>	<i>280.00</i>	
<i>283</i>		<i>1</i>				<i>salt</i>	<i>900</i>	<i>lb</i>			<i>0.20</i>	<i>180.00</i>	
<i>285</i>		<i>1</i>				<i>CFR-1</i>	<i>125</i>	<i>lb</i>			<i>4.00</i>	<i>500.00</i>	
<i>276</i>		<i>1</i>				<i>flocele</i>	<i>50</i>	<i>lb</i>			<i>2.00</i>	<i>100.00</i>	
<i>290</i>		<i>1</i>				<i>D-AIR</i>	<i>3</i>	<i>gal</i>			<i>35.00</i>	<i>105.00</i>	
<i>281</i>		<i>1</i>				<i>mud flush</i>	<i>500</i>	<i>gal</i>			<i>1.25</i>	<i>625.00</i>	
<i>221</i>		<i>1</i>				<i>KCL liquid</i>	<i>2</i>	<i>gal</i>			<i>25.00</i>	<i>50.00</i>	
<i>582</i>		<i>1</i>				<i>DRYING (min)</i>	<i>1</i>	<i>24</i>			<i>250.00</i>	<i>250.00</i>	
<i>581</i>		<i>1</i>				SERVICE CHARGE	<i>175</i>				<i>2.00</i>	<i>350.00</i>	
						MILEAGE CHARGE	<i>18325</i>						<i>50</i>
						TOTAL WEIGHT							
						LOADED MILES							
						TON MILES							

CONTINUATION TOTAL *4802.50*

JOB LOG

SWIFT Services, Inc.

DATE 6 MAR 12 PAGE NO. 1

CUSTOMER Carroll Schmitt WELL NO. 2-32 LEASE Gantz JOB TYPE Cement long string TICKET NO. 22016

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 EA-2 w/ 1/4" floccle
								TD = 4343' 104' + 52' = 14" casing
								17' off bottom P.C. #63 1679'
								Fastest 2, 63 Packer shoe
								Centralizers 9, 4, 5, 7, 10, 13, 16, 65, 67, 69
	0000							on loc TRK 114
	0155							start 5 1/2" 14" casing in well
	0500							circulate
	0545							Drop ball
	0550					1200		set packer shoe
	0545	97	12			200		Pump 500 gal mud flush
		43	10			200		Pump 20 bbl KCL flush
			7					Plug RH - MH <del>3056</del> <del>2056</del>
	0612	43	35			200		MIX EA-2 <del>125</del> @ 15.3 ppg
	0630							Drop latch down plug
								wash out pump & line
	0635	63				200		Displace plug
		63	95			850		
	0700	63	104			1500		Land plug
								Release pressure to truck - dried up
	0705							wash truck
								Rack up
								Job complete
								Shake Doug Dave's name





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



# Invoice

DATE	INVOICE #
3/12/2012	22022

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2-32	Gantz	Ness	DS&W Well Servi...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				15	Miles	6.00	90.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				135	Sacks	16.50	2,227.50T
276	Flocele				25	Lb(s)	2.00	50.00T
290	D-Air				1	Gallon(s)	35.00	35.00T
104	Port Collar Tool Rental				1	Each	250.00	250.00T
581D	Service Charge Cement				175	Sacks	2.00	350.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,502.50
	Sales Tax Ness County						6.30%	161.44
<b>Thank You For Your Business!</b>							<b>Total</b>	\$4,663.94



CHARGE TO: Carmen Schmitt  
 ADDRESS: \_\_\_\_\_  
 CITY, STATE, ZIP CODE: \_\_\_\_\_

TICKET  
 N° 22022

PAGE 1 OF 1

SERVICE LOCATIONS: 1. Ness City KS  
 WELL/PROJECT NO. 232 LEASE Grantz COUNTY/PARISH Ness STATE KS CITY Ness City DATE 12 MAR 12 OWNER \_\_\_\_\_  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR \_\_\_\_\_ RIG NAME/NO. \_\_\_\_\_ SHIPPED VT DELIVERED TO location ORDER NO. \_\_\_\_\_  
 3. WELL TYPE \_\_\_\_\_ WELL CATEGORY psew JOB PURPOSE cement port collar WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION \_\_\_\_\_  
 4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS 32-17-24W

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			U/M			
575		1			MILEAGE TRK 114	15	mi	600		90 00
576 D		1			Pump Charge	1	ea	1250	00	1250 00
330		1			SMB cement	135	sk	16 50		2227 50
276		1			Fluocla	25	lb	2 00		50 00
290		1			D-AIR	1	gal	35 00		35 00
582		1			minimum Drayage	1	ea	250	00	250 00
581		1			Service charge	175	sk	2 00		350 00
104		1			Port collar tool rental	1	ea	250	00	250 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 \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  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?				4502 50
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			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				
TOTAL				4663 94

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

SWIFT OPERATOR Accepted APPROVAL \_\_\_\_\_

Thank You!

JOB LOG

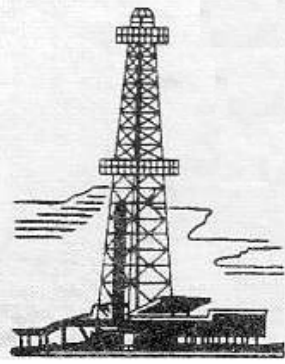
SWIFT Services, Inc.

DATE 12 MAR 12 PAGE NO.

CUSTOMER Carmen Schmitt WELL NO. 2-32 LEASE Carmen GANTZ JOB TYPE cement port collar TICKET NO. 22022

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								175 sk SMD w/ floccle 2 3/4" x 5 1/2" Port collar - 16 7/8'
	0830							on loc TRK 114
	0845					1000	1000	test to 1000psi - held
	0855							open port collar
	0857	3 1/2					300	inj rate
	0900	3 3/4				200	20	mix SMD cement @ 11.2 ppq
		3 3/4	5 1/2			200		fluid to surface
	0923	3 3/4	73			400		cement to surface
		3 3/4	9			400		Displace 9 bbl H <sub>2</sub> O
	0940							close port collar
			20					Run 4 joints
								Reverse hole clean
								2 cement plugs
	0950							wash truck
								Rack up
	1015							job complete
								Thanks
								Doug, Dave & Blaine

135 sks mixed  
20 top it



# WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG  
CONSULTANT GEOLOGIST



Scale 1:240 (5"=100') Imperial

Well Name: GANTZ #2-32  
Location: S2 NE NE SE Sec. 32-17s-24w  
Licence Number: API: 15-135-25360  
Spud Date: February 25, 2012  
Surface Coordinates: 2270' FSL & 330' FEL

Region: Ness Co., Kansas  
Drilling Completed: March 5, 2012

Bottom Hole Coordinates:	Vertical Hole
Ground Elevation (ft): 2333'	K.B. Elevation (ft): 2345'
Logged Interval (ft): 3600'	To: RTD Total Depth (ft): 4343'
Formation: Mississippi	
Type of Drilling Fluid: Chemical Premix (Displaced)	

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

## OPERATOR:

Company: Carmen Schmitt, Inc.  
Address: P.O. Box 47  
Great Bend, KS 67530

## DRILLING CONTRACTOR:

Southwind Drilling, LLC, Rig #70  
Kelly bushing 12' above ground level. Tim Fabricus (tool pusher).

## SURFACE CASING:

Set 8-5/8" casing at 223.82' (23#)

## CIRCULATION SYSTEM:

Pump: Brewster, duplex, 6 x 16, 58 spm, Chemical, premix, earth pits, Mud- Co/Service Mud, Inc.

## DRILL STEM TEST #1:

Ft. Scott: 4230-4280 (50'): Blow: 1/2" IFP, no RB, no blow at 2nd open, then weak surf blow after 10 min; no RB; 15-30-15-30; Recovery: 10' mud w/oil spots in tool; HP: 2074-2061: SIP: 1024-728; FP: 20-22, 23-24; BHT: 109 F; dual packers, jars, joints, Trilobite Testing, Inc., Scott City, KS, Chuck Smith.

#### DRILL STEM TEST #2:

Cherokee Sand: 4276-4330 (54'): Weak 1/2" blow IFP, no RB, no blow 2nd open; 15-30-15-TOH; Recovery: 5' mud w/oil spots in tool; HP: 2094-2055, SIP: 43-22; FP: 19-20, 20-21; BHT: 105 F; dual packers, jars, joints, Trilobite Testing, Inc., Scott City, KS, Chuck Smith.

#### DRILL STEM TEST #3:

Cherokee Sand: 4275-4337 (62'); Blow weak incr 3" IFP, no RB, incr 11" FFP, weak RB died 5 min; 15-30-45-60; Recovery: 139' TF, 105' GIP, 15' GO (2%G, 98%O, 35 Grav.), 62' GMCO (5%G, 20%M, 75%O), 62' SOCM (5%O, 95%M); HP: 2101-2097, SIP: 1073-1057, FP: 21-32, 34-68, BHT 109 F; dual packers, jars, joints, Trilobite Testing, Inc., Scott City, KS, Chuck Smith.

#### DRILL STEM TEST #4:

Cherokee Sand: 4276-4343 (67'): Packer failure; Recovery: 248' mud w/oil spots in tool; HP: 2106-2071; dual packers, jars, joints, Trilobite Testing, Inc., Scott City, KS, Chuck Smith.

#### DRILL STEM TEST #5:

Cherokee Sand: 4295-4343 (48'): Blow; BOB/2 min IFP, 8" RB, BOB 2.75 min FFP; 15-30-5-TOH; pulled 60k over string wt coming off bottom, stuck for about 2 min, sprung free; Recovery: 849' TF, 261' GIP, 415 GMCO (5%M, 35%G, 60%O, 35 Grav.), 310' GMCO (20%G, 30%M, 50%O), 124' GOCM (15%G, 30%O, 55%M); HP: 2101-2045, SIP: 930; FP: 162-300, 326-353; BHT: 123 F; dual packers, jars, joints, Trilobite Testing, Inc., Scott City, KS, Chuck Smith.

#### OPEN HOLE LOGS:

None.

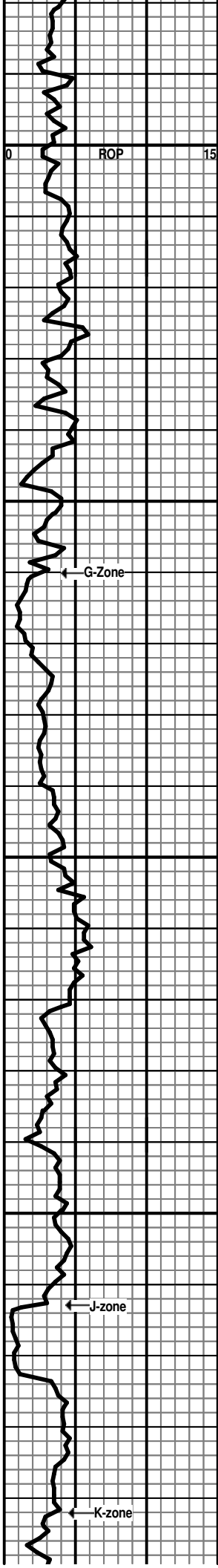
#### COMPLETION:

Cherokee Sand Well.

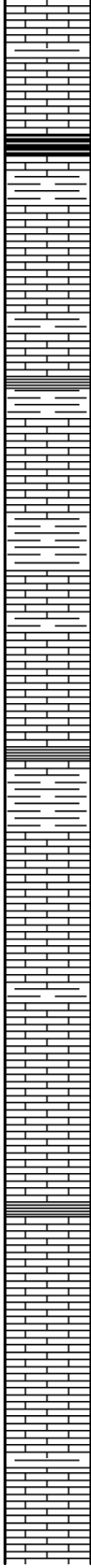
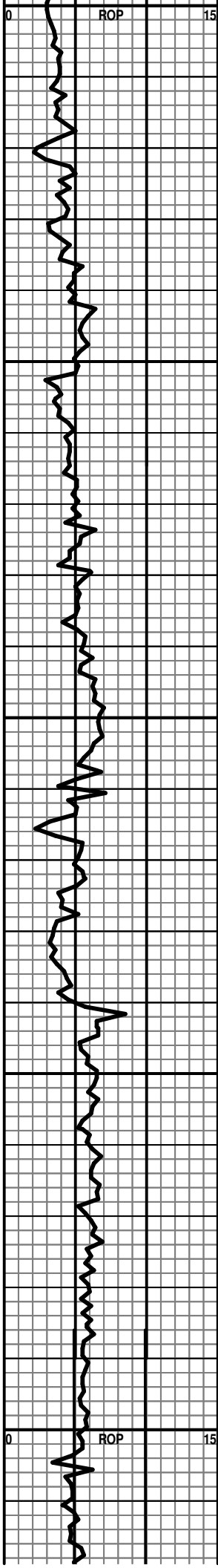
#### 7AM DAILY ACTIVITY:

02/23: MIRT  
02/24: Repairs  
02/25: SPUD 10:00 am  
02/26: 543' Drilling  
02/27: 1948' Drilling  
02/28: 2729' Drilling  
02/29: 3231' Drilling  
03/01: 3745' Drilling  
03/02: 4099' Drilling  
03/03: 4280' DST #1  
03/04: 4330' DST #2  
03/05: 4343' DST #4  
03/05: Released 5:19 pm





LS: lt-brown; mic-vf xtal; dense; no visible porosity; N.S.  
 LS: lt-brown; vf-xtal; trc white opa chert; poor apparent porosity; N.S.  
 3800  
 LS: lt brn - lt gray; mic-vf xtal; dense to sli chalky; no visible porosity; N.S.  
 LS: md brown; vf-xtal; dense; no visible porosity; N.S.  
 Shale: mostly green, gray;  
 3850  
 LS: lt-brown; mic-vf xtal; chalky; poor vugular porosity; N.S.  
 LS: lt-brown; vf-xtal; rough textured; coarse calcites; trc oomoldic, fair vug & int xtal porosity; N.S. 3880, 3890.  
 LS: lt-brown; vf-xtal; dense to chalky; includes white opa chert; poor apparent porosity; N.S.  
 LS: as above;  
 3900  
 LS: lt-brown; vf-xtal; dense to sli chalky; crinoids; poor apparent porosity; N.S.  
 LS: lt-brown, vf-xtal; lt gray; vf-xtal; poor apparent porosity; N.S.  
 LS: lt-brown; vf-xtal; sli shaley in part; no apparent porosity; no shows.  
 3950  
 LS: lt-brown, lt gray; vf-xtal; sli granular; poor apparent porosity; N.S.  
 LS: as above.  
 LS: lt brown; vf-xtal; ool-oom, md-crs oomoldic porosity; N.S. 3980, incr 3990.  
 LS: gray, brown; vf-xtal; mostly dense; some scattered oom porosity; N.S.  
 10  
 LS: lt-brown, lt grayish-brown; vf-xtal; sli fos; dense; trc chert; poor-fair oomoldic porosity; N.S.



400  
4050  
4100  
4150  
4200

LS: as above.

**HUSHPUCKNEY 4018 (-1673)**

Shale: black; carbon; 4030, 4040.  
LS: md-dk brn; vf-xtal; dense; N.S.

LS: lt-md brown; vf-xtal; dense to chalky in part; oolitic; no visible porosity; N.S.

LS: lt-md brown; vf-xtal; dense; no visible porosity; N.S.

LS: mostly brown, some gray; vf-xtal; no visible porosity; N.S.

Shale/Marl: red, maroon; washes red; soft; 4090.

LS: lt grayish brown; vf-xtal; dense; sli cherty; no visible porosity; N.S.

LS: as above.

Shale: gray, green; silty in part;

LS: lt grayish brown; vf-xtal; sli fos; dense to chalky in part; no visible porosity; N.S.

LS: lt-grayish brown; mic-vf xtal; dense; trc orange chert; no visible porosity; N.S.

LS: lt grayish- brown, md brown in part; vf-xtal; dense; no visible porosity; N.S.

LS: lt grayish-brown; vf-xtal; sli fos; no visible porosity; N.S.

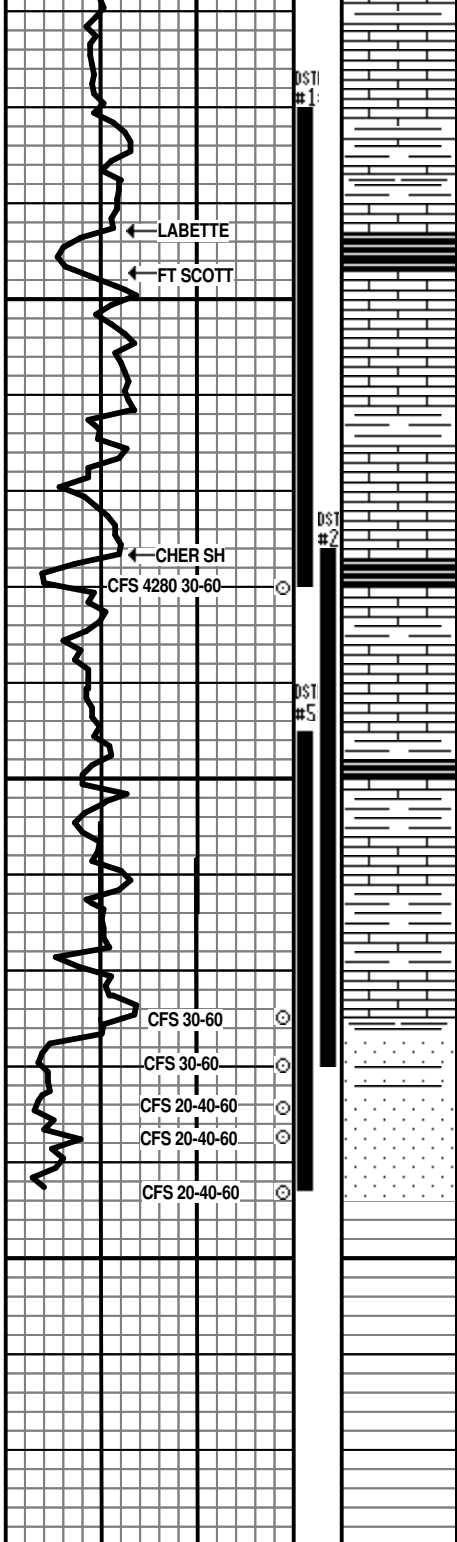
**PAWNEE 4170 (-1825)**

LS: lt-grayish brown; vf-xtal; dense; earthy; no visible porosity; N.S.

LS: grayish-brown; vf-xtal; dense to sli chalky; no visible porosity; N.S.

LS: as above w/incr dk gray shale.





LS: as above;

Shale: gray to dark gray; calcareous;

Shale: black; carbon; 4260.

**FT. SCOTT 4247 (-1902)**

LS: lt-grayish-brown; vf-xtal; fine vugular & int xtaline porosity; bright yel-white fluor; mostly spotted w/trace sat light stain; sli show clear-lt brn oil; faint odor; trc 4260, incr 4270.

LS: lt-grayish brown; vf-xtal; gray, opa q chert; scattered pin point & int xtal porosity; bright yel-white fluor; spotted stain; sli show lt-md brn oil; faint odor; 4280, 4280-30

**CHEROKEE SH 4277 (-1932)**

LS: lt brown; vf-xtal; dense to chalky in part; sli ool; poor apparent porosity; N.S.

LS: lt-brown; vf-xtal; chalky; poor apparent porosity; N.S.

Marl: gray; soft; sticky, 4320.

LS: lt-brown; vf-xtal; dense to sli chalky; no visible porosity; N.S.

Marl: gray; soft, sticky, 4325-60.

**CHEROKEE SAND 4327 (1982)**

Sand: qtz; f-grain; silty; pyritic; glauc; mod-cem; friable; trc free m-c sub-rnd qtz; even bright yel fluor; crush sli oil, no odor 4330-60. Sli cleaner 4334-60. Incr vol, improv friability, cleaner, bleeds 4334-60. Continued even fluor; sat stain & S.O., no bleed; no odor; 4343-60.

ROTARY TOTAL DEPTH 4343 (-1998)

15 STAND SHORT TRIP AT 4280; PULLED TIGHT ON STANDS 4 & 6; WORKED FREE; CIRC 90 MIN BEFORE T.O.H.

DST #1: FT. SCOTT: 4230-4280: WEAK BLOW; 15-30-15-30; 10' MUD; SIP: 1024-728; FP: 20-22, 23-24.

BOARD: 4300.75, STRAP 4302.81, STRAP WAS LONG 2.06'

DST #2: CHER SD: 4276-4330: WEAK BLOW; NO BLOW 2ND OP; 15-30-15-T.O.H.; 5' MUD; SIP: 43-22, FP: 19-20, 21-22.

DST #3: CHER SD: 4275-4337: BLOW 3" IFP, 11" FFP; 15-30-45-60; 105' GIP, 15' GO, 62' GMCO, 62' SOCM; SIP: 1073-1057, FP: 21-32, 34-68.

DST #4: CHER SD: 4276-4343: PACKER FAILURE. 248' MUD.

DST #5: CHER SD: 4295-4343: BOB 2 MIN IFP, 8" RB; 15-30-5-TOH; 725' GMCO, 124 GOCM; SIP: 930; FP: 162-300, 326-353.

PULLED 60k OVER STRING WT WHEN COMING OFF BOTTOM WITH DST #5.

NO LOGS.

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 03, 2012

Francis Hitschmann  
Carmen Schmitt, Inc.  
PO BOX 47  
GREAT BEND, KS 67530-0047

Re: ACO1  
API 15-135-25360-00-00  
Gantz 2-32  
SE/4 Sec.32-17S-24W  
Ness County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Francis Hitschmann