

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 30606  
Name: Murfin Drilling Co., Inc.  
Address 250 N. Water, Suite 300  
City/State/Zip Wichita, KS 67202  
Purchaser: Genesis  
Operator Contact Person: Larry M. Jack  
Phone (316) 267-3241  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606

Wellsite Geologist: Paul Gunzelman  
Designate Type of completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD  
\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTB  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_  
5/22/00 5/27/00 9/8/00  
Spud Date Date Reached TD Completion Date

API NO. 15- 147-20,596-00-00  
County Phillips  
SE - NE - SW - Sec. 14 Twp. 5S Rge 20W  W <sup>E</sup>  
3630 N Feet from S/N (circle one) Line of Section  
2970 E Feet from E/W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)  
Lease Name Templeton Well # 17  
Field Name Hansen  
Producing Formation LKC, Arbuckle  
Elevation: Ground 2152' KB 2157'  
Total Depth 3660' PBTB 3550'  
Amount of Surface Pipe Set and Cemented at 269 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1698 Feet  
If Alternate completion, cement circulated from 1698'  
feet depth to surface w/ 225 sx cmt.  
Drilling Fluid Management Plan ALT#2 KJR 7/14/07  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

CONSERVATION DIVISION  
Wichita, Kansas

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 on 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 Larry M. Jack  
Title Larry M. Jack, Production Manager Date 9-29-00  
Subscribed and sworn to before me this 29<sup>th</sup> day of Sept. 2000.  
Notary Public Connie Jarry  
Date Commission Expires January 1, 2001

10-9-00 K.C.C. OFFICE USE ONLY  
FDeny Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
\_\_\_ KCC \_\_\_ SWD/Rep \_\_\_ NGPA  
\_\_\_ KGS \_\_\_ Plug \_\_\_ Other  
(Specify)

CONNIE JARRY  
Notary Public - State of Kansas  
My Appt. Expires January 1, 2001

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name Templeton Well # 17

Sec. 14 Twp. 5S Rge. 20  East  West

County Phillips

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Log Formation (Top), Depth and Datums  Sample

Samples Sent to Geological Survey  Yes  No

Name Top Datum

Cores Taken  Yes  No

SEE ATTACHED

Electric Log Run  Yes  No  
(Submit Copy.)

List all E.Log  
Dual Induction Log, Compensated Neutron Density Log  
Micro Log

CASING RECORD <input checked="" 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	12 1/4"	8 5/8"	24#	269'	Common	180	3% cc 2% gel
Production	7.875	5 1/2"	15#	3657'	ASC	200	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Csg				
<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
8	3508-10'	500 gals 15% NEFE Retreat w/ 250 gals	3510'
4	3296-3300'	All 3 zones 1,000 gals. Retreated w/ 1,250 gals.	3300'
4	3319-21'		3321'
4	3330-34'		3334'

TUBING RECORD	Size 2 7/8"	Set At 3525'	Packer At	Liner <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. 9/9/00	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other
Estimated Production Per 24 Hours	Oil 10 Bbls Gas Mcf Water 150 Bbls Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
(If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

**\*\*\*FINAL REPORT\*\*\***

**TEMPLETON #17**

ORIGINAL

Operator: MURFIN DRILLING COMPANY, INC.  
 Contractor: MURFIN DRILLING COMPANY, INC. Rig #8

Contact Person: Scott Robinson  
 Phone Number: 316-267-3241  
 Well Site Geologist: Paul Gunzelman

SE NE SW  
 Sec. 14-5S-20W  
 Phillips County, Kansas

Call Depth: 2000'  
 Spud: 1:30 p.m. 5/22/00  
 Est. TD: 3650'

API# 15-147-20595  
 Casing: 8 5/8" @ 269'  
 Elevation: 2152' GL  
 2157' KB

DAILY INFORMATION:

5/22/00 MIRT.

5/23/00 Spud @ 1:30 p.m. 5/22. Depth 570'. Cut 570'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/2° @ 269'. Set 7 jts. = 261.54' of 8 5/8" surf. csg. @ 269', cmt'd w/ 180 sx. Comm., 3% cc, 2% gel, plug down @ 7:00 p.m. 5/22, drilled out plug @ 3:00 a.m. 5/23, Circ. by Allied.

5/24/00 Drilling @ 2510'. Cut 1940'. DT: none. CT: none. Dev.: none.

5/25/00 Drilling @ 3220'. Cut 710'. DT: 1/2 hr. (pump). CT: none. Dev.: none.

5/26/00 RTD @ 3660'. Cut 440'. DT: none. CT: 4 1/2 hr. Dev.: 1° @ 3660'. HC @ 2:30 a.m. ELI logging: 7:30-11:30 a.m.

5/27/00 RTD @ 3660'. CT: 13 1/2 hrs. Ran 87 jts of 5 1/2" prod. csg. set @ 3659', cmt'd w/200 sx. ASC. plug down @ 8:00 p.m. 5/26 by Allied. Port collar @ 1703'. Rig released @ 8:30 p.m. 5/26/00.

<u>Formations</u>	<u>Sample Tops</u>	<u>Log Tops</u>	<u>#15W</u>	<u>#4</u>
Anhydrite	1636 +521	1632 +525		
B/Anhydrite	1665 +549	1661 +496		
Neva		2528 -371		
Topeka	3004 -847	3004 -847	+9	+10
Heebner	3204 -1047	3201 -1044	flat	+3
Toronto	3231 -1074	3228 -1071	+3	+7
Lansing	3248 -1091	3244 -1087	+4	+7
BKC	3451 -1294	3448 -1291	+1	flat
Arbuckle	3509 -1352	3505 -1348	+3	+7
RTD	3660			
LTD		3660 -1504		

# SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

# ORIGINAL Invoice

DATE	INVOICE #
8/2/00	3104

BILL TO
Murfin Drilling Co. Inc. PO Box 277 Logan, KS 67646-0277

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	17	Templeton "A"	Phillips		Oil	Development	Lenny	Acidize perfs
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
500D	Milage				50	2.50	125.00	
501D	Acid Pump Charge - 8-2, 8-3, 8-4, 8-9, 8-10, 8-11-00				6	500.00	3,000.00	
301 - 15%	FE Acid				5,000	1.00	5,000.00	
235	INH. 1				10	36.00	360.00	
230	Surf-3				20	25.00	500.00	
249	STR-1				5	29.00	145.00	
100	Crew Milage - 8-3, 8-4, 8-9, 8-10, 8-11-00				250	1.00	250.00T	
575D	Milage - trk 105 8-8-00				50	2.50	125.00	
578D	Pump Charge 8-8-00				1	1,200.00	1,200.00	
501D	Pump Charge 8-14, 8-15, 8-16-00				3	500.00	1,500.00	
243	Benzoic Acid Flake				700	1.25	875.00	
325	Cement - 8-8-00				50	6.75	337.50T	
286	Halad-1 - 8-8-00				15	5.25	78.75T	
581D	Service Charge Cement - 8-8-00				50	1.00	50.00	
582D	Minimum Drayage Charge				1	100.00	100.00	
244	Medium Crush Rock Salt				750	0.15	112.50	
246	Guar Gel				60	3.00	180.00	
299	Diesel for Gel				20	1.50	30.00	
100	Crew Milage - 8-14, 8-15, 8-16-00				150	1.00	150.00T	
510	Delivery Charge - transport				6	50.00	300.00	
	Subtotal						14,418.75	
Discount	10% Discount						-10.00%	-1,441.88
	Subtotal						12,976.87	
	Sales Tax						4.90%	36.00
USED FOR <u>33 New Well equip.</u>								
APPROVED <u>Ric Jackson</u>								
<b>Thank you for your business.</b>						<b>Total</b>	\$13,012.87	



CHARGE TO: *Murfin Drlg.*  
 ADDRESS:  
 CITY, STATE, ZIP CODE: *Logan Ks*

ORIGINAL

TICKET No 3104

PAGE 1 OF 2

SERVICE LOCATIONS: 1. *Ness City, Ks*  
 WELL/PROJECT NO. *17* LEASE *Templeton A* COUNTY/PARISH *Phillips* STATE *KS* CITY DATE *8-2-2000* OWNER *Same*  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR RIG NAME/NO. *Murfin* SHIPPED VIA *105* DELIVERED TO *S. Logan* ORDER NO.  
 3. WELL TYPE *oil* WELL CATEGORY *Development* JOB PURPOSE *Acidize Puffs* WELL PERMIT NO. WELL LOCATION  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
500		1			MILEAGE <i>105 8-2,</i>	50	mi			2.50	125.00
501		1			<i>Pump Charge 8-2, 8-3, 8-4, 8-9, 8-10, 8-11</i>	6	EA			500.00	3000.00
301		1			<i>F&amp;E Acid</i>	5000	gal	15%		1.00	5000.00
235		1			<i>Inh-1</i>	10	gal				360.00
230		1			<i>Surf-3</i>	20	gal				500.00
249		1			<i>STR-1</i>	5	gal				145.00
100		1			<i>Crew Mileage 8-3, 8-4, 8-9, 8-10, 8-11</i>	50	mi	5 ea		1.00	250.00
575		1			<i>Mileage Trk 105 8-8</i>	50	mi				125.00
578		1			<i>Pump charge 8-8</i>	1	EA	3589	FT		1200.00
501		1			<i>Pump charge 8-14, 8-15, 8-16</i>	3	EA				1500.00
243					<i>Benzoic Acid Flake</i>	700	lbs			1.25	875.00
					<i>from Continuation</i>						1338.75

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 *Ria Hochman*  
 DATE SIGNED *8-2-2000* TIME SIGNED *1130*  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?				14,418.75
WE UNDERSTOOD AND MET YOUR NEEDS?				10% Discount
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				Price 12,976.88
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX 36.00
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 13012.87
<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 *Rena* APPROVAL  
 Thank You!



JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 8-2-00 PAGE NO. 7

CUSTOMER *Murphy Dale* WELL NO. 17 LEASE *Templeton "A"* JOB TYPE *acid* TICKET NO. 3104

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							on location
								RBP at 3560
								Perf 3544-46
	1150							PKR to spot 3547 SPOT 250 gal 15%
								NEFE ACID + 2 BBL water
								set PKR at 3527 to treat
	1210					100		Load hole w/ water Acid to Perf
								stage Acid
	1400					300		increase PSI to 300
	1445	.125				300		.4 BBL in 57 Feeding
		.75				300		2 BBL in
		.75				300		Final Disp
	1457					250		ISIP 250
	1500					0		UAC 3 min
								Knock loose + swab Test
								Release for Day will check overnight
								fill + Retreat if needed
8-3	0830							on loc swab testing
								Decide not to Retreat
								Pull Tools + Perf 3508-10
								Run Tools
								RBP 3532
								PKR 3495
								swab Down
	1700							Shut Down for Day
								will treat in A.M.

**JOB LOG**

**SWIFT Services, Inc.**

**ORIGINAL**

DATE **8-4-00** PAGE NO. **2**

CUSTOMER  
**Murphy Dals**

WELL NO. **17**

LEASE **Templeton "A"**

JOB TYPE **Acid**

TICKET NO. **3104**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
8-4-00	0830							Perfs 3508-10 RBP 3532
	1010							PKR To SPOT 3510 SPOT 8 <sup>3</sup> / <sub>4</sub> BBC PKR to Treat 3495
	1020							Start Acid 500 gal 15% NEFE hole Loaded stage at 100 PSI 1 BBL ACID in
	1130					100		Increase PSI To 200
		.35	3			200		ST Feeding at 200 PSI w/ 3BBC in
		.75	6			200		6 BBC in Rate increased
		.75				200		Final Disp
	1218					190		ISIP
	1223					50		5 min <span style="float:right">12 BBC Acid</span>
	1225							VAC in 7 min <span style="float:right">21 BBL Flush</span>
								Knock Loose + swab <span style="float:right">33 BBC Load</span>



JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 8-8-00 PAGE NO. 9

CUSTOMER *Murfin Dily* WELL NO. 17 LEASE *Templeton "A"* JOB TYPE *3Q* TICKET NO. 31001

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0745							on loc PERFS 3508-10, 3544-46, 3586-88 PKR 3404
	0845						500	Loadann + PSI to 500
750	0855	3.5				600	500	Pump 250 gal 15% NEFE ACID + Disp w/ lease water + establish inj rate
	0910	2.5				0	500	Start mixing 25 SKS STD w/ 3 1/2% Haled-1 Followed by 25 SKS STD
	0918	2				0		finish mixing Cement wash out P&L ST DISP
		2				0		Fluid loss CMT to Perfs
		1.5				100		Heat CMT to Perfs pressure increased from 100 to 700
	0933					700		19 BBL disp out shut Down PSI to 400 was shut in Tbg + wash up Truck
						400		Open by holding 200
	0943					200		Pump 2 1/4 BBL 2 1/4 Total Disp PSI 1100 fell to 700 in 5 min
						1100		Repressure to 1000 holding
	1000					700		Release PSI Dry
						1000		
	1010	2 3/4	25 BBL				200	Row Tbg Pull 2 Jts
	1025					1000	500	Repressure to 1000 holding Release PSI + Pull PKR to Drill
8-9	1300							on Loc w/ P.T. And acid To Treat Gordan
	1800							Shut Down for Day will not Treat will check overnight fillup
8-10								on Loc 3508-10
	0855							PKR at 3510 To SPOT 500 gal 15% NEFE Acid to Bottom
								Set PKR at 3495 To Treat
	0915							PSI to 50 PSI + let acid soak 15 min PSI to 0
								30 min well on slight vac
	10:30							1 BBL out
	1530							Acid out on VAC Knock loose + swab

JOB LOG

SWIFT Services, Inc.

ORIGINAL

DATE 8-11-2000 PAGE NO. 7

CUSTOMER *Murphy Drilling* WELL NO. *17* LEASE *Templeton A* JOB TYPE *Acid* TICKET NO. *3104*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							on location check overnight fillup
	0930							Pull Tools To Perf LKC Perfs Perfs 3280-84, 3296-3300, 3319-21, 3330-34 RBP at 3377 PKR at 3310 swab Perfs 3319-21, 3330-34 Pump 250gal 15% NEFE Acid to Perfs
		2.5				0		
		<del>1.5</del>				200		increase Rate caught PSI w/ 4 BBL acid in
		1.5				200		Zone Pump in at 1.5 BPM 200 PSI
		1.5				200		finish flush 1.5 BPM 200 PSI
						50		ISIP 50
						0		VAC 30 sec swab
8-14	12:00							Hook up to Retest Perfs 3319-21, 3330-34 Pumps 250gal 15% NEFE Pump 250# Plug 100# Benzoc, 150# Rocksalt Pump 750gal 15% NEFE Acid to Perfs 4 BPM 0 PSI
		4				0		
		2 1/2				900		Plug to Perfs PSI increase to 900 2 1/2 BPM
		3 1/2				0		Acid to Perfs Broke to 0 PSI Communicated
		4.8				200		Disp w/ lease water
		4.8				200		flush Disp Instant vac on Tbg & Ann swab
	1600							move PKR to 3248 & swab order <del>2000</del> 2000gal 15% NEFE & 1200# Plug FOR LKC Perfs & 250gal 15% NEFE For Gorkham Perfs Ready 0900 8-15

JOB LOG

SWIFT Services, Inc. ORIGINAL

DATE 8-15-00 PAGE NO. 1

CUSTOMER *Murphy Dily* WELL NO. *17* LEASE *Templeton A* JOB TYPE *Acid* TICKET NO. *3104*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	<i>0830</i>							<i>on location w/ 2250 gal 15% NEFC + 600 lbs Rocksalt 600 lb Benzoic acid</i>
								<i>Perfs 3280-84, 3296-3300, 3319-21, 3330-34</i>
								<i>RBP at 3377</i>
								<i>PKR at 3248</i>
			<i>7 BBL</i>					<i>Hook up to Tbg &amp; Pump 300# Plug 150 R.S., 150# Benzoic ACID in 7 BBL Gelled water</i>
			<i>6 BBL</i>					<i>Pump 250 gal Acid</i>
			<i>7 BBL</i>					<i>Pump 300# Plug 50/50 R.S. &amp; Benzoic</i>
		<i>4</i>	<i>12 BBL</i>			<i>0</i>		<i>Pump 500 gal Acid</i>
		<i>4</i>				<i>0</i>		<i>1st Plug to Bottom Pressure increase to</i>
		<i>4</i>				<i>300</i>		<i>4 BPM 300 PSI</i>
		<i>4 1/2</i>	<i>7 BBL</i>			<i>300</i>		<i>Pump 300# Plug 50/50 R.S. &amp; Benzoic</i>
		<i>5</i>				<i>700</i>		<i>2nd Plug to Perfs PSI increase to 700 PSI</i>
		<i>6 1/4</i>	<i>12 BBL</i>			<i>550</i>		<i>Pump 500 gal Acid Broke to 550 PSI</i>
		<i>6 1/4</i>	<i>7 BBL</i>			<i>550</i>		<i>Pump 300# Plug 50/50 R.S. &amp; Benzoic</i>
		<i>6</i>				<i>900</i>		<i>3rd Plug to Perfs Pressure increase to 900</i>
		<i>6 1/4</i>	<i>18 BBL</i>			<i>550</i>		<i>Pump 750 gal Acid Broke to</i>
								<del><i>200 PSI</i></del>
		<i>1 1/2</i>				<i>1200</i>		<i>4th Plug to Perfs PSI to 1200 max</i>
								<i>1 1/2 BPM</i>
		<i>1 1/2</i>				<i>1200</i>		<i>5T flush</i>
		<i>6 1/2</i>				<i>600</i>		<i>2 BBL acid in Perfs Broke to 6 1/2 BPM</i>
								<i>600 PSI</i>
		<i>6 1/2</i>	<i>23 BBL</i>			<i>600</i>		<i>finish flush</i>
						<i>0</i>		<i>Instant VAC</i>
	<i>11:00</i>							<i>shut in 1 HR &amp; swab</i>

**JOB LOG**

**SWIFT Services, Inc.**

**ORIGINAL**

DATE **8-16-00** PAGE NO. **1**

CUSTOMER **Murphy Dalg** WELL NO. **17** LEASE **Templeton "A"** JOB TYPE **Acid** TICKET NO. **3104**

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							On loc 8-16-00 w/ 250 gal 15% NEFE for Gorkan Perfs at 3108-10 Rig Swabbing
	1030							Hook up to Circ off RBP + Move Tools Could not get RBP to Move Down Pull Tools above all Perfs + Reset RBP wait on water Truck
	1330		70 BBL					Circ Hole Clean above RBP Release RBP + Move Tools to Isdote Gorkan Perfs 3508-10 RBP 3152 PKR 3495 Swab Down
	1545							Pump 250 gal Acid Disp w/ water
	1600							Hole Load
	1630	.86				200		Stop 3 BBL ACID at 200 PSI for 30m
		.86				275		increase PSI to 275 Start Pumping in
		.86				275		at .86 BPM 275
						300		finish Disp Acid .86 300 PSI
						225		ISIP
						100		5 min
						75		10 min
						50		15 min
	1650							Release flowback 1/2 BBL
	1700							Knock loose + Swab

# SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

# ORIGINAL Invoice

DATE	INVOICE #
7/27/00	3101

BILL TO
Murfin Drilling Co. Inc. PO Box 277 Logan, KS 67646-0277

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Operator	Job Purpose
Net 30	17	Templeton "A"	Phillips		Oil	Development	Lenny	Cement port c...
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
					50	2.50	125.00	
575D		Milage			1	700.00	700.00	
577D		Pump Charge			250	1.50	375.00T	
280		Flocheck 21			20	11.00	220.00T	
279		Bentonite Gel			225	9.50	2,137.50T	
330		Swift Multi-Density			56	0.90	50.40T	
276		Flocele			100	2.75	275.00T	
290		D-Air			245	1.00	245.00	
581D		Service Charge Cement			608.15	0.75	456.11	
583D		Drayage			100	6.75	675.00T	
325		Cement 7/28/00			100	1.00	100.00	
581D		Service Charge Cement 7/28/00			235	0.75	176.25	
583D		Drayage 7/28/00						
		Subtotal					5,535.26	
Discount		10% Discount				-10.00%	-553.53	
		Subtotal					4,981.73	
		Sales Tax				4.90%	164.62	
		<i>Port Collar / Surface Pipe.</i>						
		USED FOR <u>4" New Well</u>						
		APPROVED <u>Ric Lockman</u> <i>ML</i>						
Thank you for your business.						<b>Total</b>	\$5,146.35	





CHARGE TO: *Murfin Dals*  
 ADDRESS:  
 CITY, STATE, ZIP CODE: *Logan ks*

ORIGINAL

TICKET No 3101

PAGE 1 OF 1

SERVICE LOCATIONS: 1. *Ness City F*  
 WELL/PROJECT NO.: *17*  
 LEASE: *Templeton "A"*  
 COUNTY/PARISH: *Phillips*  
 STATE: *KS*  
 CITY:  
 DATE: *7-27-00*  
 OWNER: *Same*  
 2. TICKET TYPE:  SERVICE  SALES  
 CONTRACTOR:  
 RIG NAME/NO.: *Stewarts*  
 SHIPPED VIA: *105*  
 DELIVERED TO: *S. Logan*  
 ORDER NO.:  
 3. WELL TYPE: *Oil*  
 WELL CATEGORY: *Development*  
 JOB PURPOSE: *Cement Foot Collar*  
 WELL PERMIT NO.:  
 WELL LOCATION:  
 4. REFERRAL LOCATION:  
 INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	105		50	mi	2.50	125.00
577					Pump Charge			1	EA		700.00
280					Flocek			250	Gal	1.50	375.00
279					Gel			20	SKS	11.00	220.00
330					SMD CMT			225	SKS	9.50	2137.50
276					Flocek			56	LBS	.90	50.40
290					D-AIR			100	LBS	2.75	275.00
581					BULK SERVICE CHARGE			245		1.00	245.00
583					DRAYAGE			608	15 Ton Mi	.75	456.11
325					STA cement	7-28		100	SKS	6.75	675.00
581					Search	7-28		100			100.00
583					Drayage	7-28		235	Ton Mi		176.25

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: *7-27-2000*  
 TIME SIGNED: *0830*  
 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?				<i>5535.26</i>
WE UNDERSTOOD AND MET YOUR NEEDS?				<del>4531.11</del>
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				10% Discount <i>04981.73</i>
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Discount Price <del>2000.00</del>
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TAX <i>9164.62</i>
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL <i>15146.35</i>

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

SWIFT OPERATOR: *Kenny*

APPROVAL: *Ric Hochman*

Thank You!

ORIGINAL

# ALLIED CEMENTING CO., INC.

3519

O P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

2

DATE <u>5-26-00</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5:00 pm</u>	JOB START	JOB FINISH <u>8:00 pm</u>
LEASE <u>Samuelson</u>	WELL # <u>A77</u>	LOCATION <u>Jogan 45 1E 14E 1 north</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Murphy Dwy #8

TYPE OF JOB Production string

HOLE SIZE 7 7/8 T.D. 3660

CASING SIZE 5 1/2 DEPTH 3657

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 12.51

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 89 bbl

OWNER

CEMENT

AMOUNT ORDERED 200 ASC  
500' gal. mud flush

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

WFr-2 500 cals @ 100 500 #



ORIGINAL

**ALLIED CEMENTING CO., INC.**

P.O. BOX 31  
RUSSELL, KS 67665  
PH (785) 483-3887  
FAX (785) 483-5566

\*\*\*\*\*  
\* INVOICE \*  
\*\*\*\*\*

Invoice Number: 081376

Invoice Date: 05/26/00

Sold Murfin Drilling Co.  
To: 250 N. Water, St. #300  
Wichita, KS  
67202

Cust I.D. ....: Murfin  
P.O. Number...: Templeton #17  
P.O. Date.....: 05/26/00  
Due Date: 06/25/00  
Terms: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net
WFR-2	500.00	GAL	1.0000	500.00
ASC	200.00	SKS	8.2000	1640.00
Handling	200.00	SKS	1.0500	210.00
Mileage (60)	60.00	MILE	8.0000	480.00
200 sks @ \$.04 per sk per mi				
ProductionString	1:00	JOB	1080.0000	1080.00
Mileage pmp trk	60.00	MILE	3.0000	180.00
Plug	1:00	EACH	50.0000	50.00
Guide Shoe	1.00	EACH	150.0000	150.00
Insert	1.00	EACH	235.0000	235.00
Centralizers	10.00	EACH	50.0000	500.00
Baskets	2.00	EACH	128.0000	256.00
Port Collar	1.00	EACH	1750.0000	1750.00
Scratchers	20.00	EACH	45.0000	900.00

All Prices Are Net, Payable 30 Days Following  
Date of Invoice. 1 1/2% Charged Thereafter.  
If Account CURRENT take Discount of \$ 793.10  
ONLY if paid within 30 days from Invoice Date

Subtotal: 7931.00  
Tax.....: 0.00  
Payments: 0.00  
Total....: 7931.00

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

ORIGINAL  
SERVICE POINT:  
Russell

DATE <u>05-22-00</u>	SEC. <u>14</u>	TWP. <u>5</u>	RANGE <u>20</u>	CALLED OUT <u>3:00 PM</u>	ON LOCATION <u>5:30 PM</u>	JOB START	JOB FINISH <u>7:15 PM</u>
LEASE <u>Template</u>		WELL # <u>17</u>	LOCATION <u>hogan GS 3 E 9 N</u>			COUNTY <u>Phillips</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR MURFIN DRG #8

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 270

CASING SIZE 8 3/8 DEPTH 269

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 16.17 bbls

EQUIPMENT

PUMP TRUCK CEMENTER Bill

# 153 HELPER Jason

BULK TRUCK

# DRIVER Andrew

BULK TRUCK

# DRIVER

OWNER

CEMENT

AMOUNT ORDERED 180 lbs Com 3-2

COMMON	<u>180</u>	@	<u>6.35</u>	<u>1143.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
HANDLING		@	<u>1.05</u>	<u>189.00</u>
MILEAGE	<u>4 1/2 SK</u>	/mile		<u>432.00</u>
TOTAL				<u>1932.50</u>

REMARKS:

pipe net @ 269'

Cem. of 180 lbs Com 3-2

pump plug w/ 10 bbls water

Com did circulate

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 6.9 @ 3.00 180.00

PLUG 1-8 1/2 wood @ 45.00

@

@

TOTAL 695.00

CHARGE TO: MURFIN

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

@

@

@

@

@

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE

DISCOUNT IF PAID IN 30 DAYS

SIGNATURE Louis McKeenan

Louis McKeenan  
PRINTED NAME