



Operator Name: Production Drilling Inc Lease Name: Flax Well #: 5  
 Sec: 5 Twp: 14 S. R: 21  East  West County: Trego

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	1620	+615
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	3315	-1080
List All E. Logs Run:		Heebner	3548	-1313
		Toronto	3566	-1331
		LKC	3586	-1351
		Marmaton	3923	-1688
		Cherokee Shale	3967	-1732
		Arbuckle	4031	-1796

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	23	239	comon	150	25 Gel 3%CC
Production String	7 7/8	5 1/2	15.5	4037	60/40poz	150	2% gel 10% salt
							1/4# CF/sk

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	1620	surface	215	60/40 6% gel 1/4# flocele

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
2SPF	3718-26 3656-62 3620-30	2000gal 15% NE	

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8	4004			
Date of First, Resumerd Production, SWD or Enhr.	Producing Method				
1/1/05	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		40		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

Production Drilling Inc.  
Flax #5  
Trego Co Ks

Spud date 12-08-04

TD 4040

Completion Date 12-29-04

Started well 01-01-05

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**JAN 20 2005**  
**KCC WICHITA**

Sending logs, DST and Geologic Report.

Thanks Aven Weaverling

**ALLIED CEMENTING CO., INC.**

P.O. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566  
 FEDERAL TAX ID# 48-0727860

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

Invoice Number: 095377

Invoice Date: 12/16/04

Sold Production Drilling, Inc.  
 To: P. O. Box 680  
 Hays, KS  
 67601

Cust I.D.....: Prod  
 P.O. Number...: Flax #5  
 P.O. Date.....: 12/16/04

Due Date.: 01/15/05  
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	7.8500	1256.00	T
Gel	3.00	SKS	11.0000	33.00	T
Chloride	5.00	SKS	33.0000	165.00	T
Handling	168.00	SKS	1.3500	226.80	E
Mileage (55)	55.00	MILE	8.4000	462.00	E
168 sks @\$ .05 per sk per mi					
Surface	1.00	JOB	570.0000	570.00	E
Mileage pmp trk	55.00	MILE	4.0000	220.00	E
Wooden Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$298.78  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 2987.80  
 Tax.....: 79.98  
 Payments: 0.00  
 Total....: 3067.78

V- 30076  
 71170  
 Cement

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 JAN 20 2005  
 KCC WICHITA

# ALLIED CEMENTING CO., INC.

18937 ✓

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>12/27/04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Flax</u>	WELL # <u>5</u>	LOCATION <u>Riga 6S 1W 4S 1/4W</u>	COUNTY <u>Trego</u>	STATE <u>K</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Western

TYPE OF JOB port collar

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 350<sup>00</sup> @ 6% gel flow sec 1/4

2 sand used 215

per sk

COMMON	<u>129</u>	@	<u>785</u>	<u>101265</u>
POZMIX	<u>86</u>	@	<u>410</u>	<u>35260</u>
GEL		@		
CHLORIDE	<u>11</u>	@	<u>1100</u>	<u>12100</u>
ASC		@		
FLASEAL	<u>544</u>	@	<u>140</u>	<u>7560</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>135</u>	<u>49680</u>
MILEAGE	<u>54/sk/mile</u>			<u>92000</u>
				<u>TOTAL 297865</u>

EQUIPMENT

345

PUMP TRUCK # \_\_\_\_\_ CEMENTER Dave

HELPER Steve

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

BULK TRUCK # 362 DRIVER Gary

REMARKS:

plug @ 3195 Ron to

1945 + spot & sand port

collar @ 1620 tested string

7800 psi. Before spotting sand

opened tool mixed 215 sk +

air to surface

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 70000

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 50

remedy with return to my ...  
provided, and ALLIED shall not be liable for any consequential, special, ...  
by defective materials, products or supplies.  
2. More specifically:  
(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.  
(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.  
(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.

**ALLIED CEMENTING CO., INC.**

PO. BOX 31  
 RUSSELL, KS 67665  
 PH (785) 483-3887  
 FAX (785) 483-5566  
 FEDERAL TAX ID# 48-0727860

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

Invoice Number: 095548

Invoice Date: 12/30/04

Sold Production Drilling, Inc.  
 To: P. O. Box 680

Hays, KS  
 67601

Cust. I.D. ....: Prod  
 P.O. Number...: Flax #5  
 P.O. Date.....: 12/30/04

Due Date.: 01/29/05  
 Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	129.00	SKS	7.8500	1012.65	T
Pozmix	86.00	SKS	4.1000	352.60	T
Chloride	11.00	SKS	11.0000	121.00	T
FloSeal	54.00	LBS	1.4000	75.60	T
Handling	368.00	SKS	1.3500	496.80	E
Mileage (50)	50.00	MILE	18.4000	920.00	E
368 sks @\$ .05 per sks per mi					
Port Collar	1.00	JOB	700.0000	700.00	E
Mileage pmp trk	50.00	MILE	4.0000	200.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 387.86  
 ONLY if paid within 30 days from Invoice Late

Subtotal: 3878.65  
 Tax.....: 82.78  
 Payments: 0.00  
 Total....: 3961.43

*v-3076*  
*71825*  
*Cement port collar*  
*43100-02*

**RECEIVED**  
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# ALLIED CEMENTING CO., INC. 19379

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>12-8-04</u>	SEC. <u>5</u>	TWP. <u>14</u>	RANGE <u>21</u>	CALLED OUT <u>4:57PM</u>	ON LOCATION <u>5:30PM</u>	JOB START <u>7:45PM</u>	JOB FINISH <u>8:15PM</u>
LEASE <u>FLAX</u>	WELL # <u>5</u>	LOCATION <u>I-70 Riga EXIT 7S</u>			COUNTY <u>Trego</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1w 1/2 S 1/4 W</u>			

CONTRACTOR Discovery Rig # 2

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 239'

CASING SIZE 8 5/8 DEPTH 238'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 14 1/4 / BBL

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 160 SK Com.

29.6 gel

3% cc

COMMON	<u>160</u>	@	<u>7.85</u>	<u>1256.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>5</u>	@	<u>33.00</u>	<u>165.00</u>
ASC		@		

EQUIPMENT \_\_\_\_\_

PUMP TRUCK # 366 CEMENTER Chann

BULK TRUCK # 378 HELPER Shane

BULK TRUCK # \_\_\_\_\_ DRIVER RUFUS

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

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HANDLING	<u>168</u>	@	<u>1.35</u>	<u>226.80</u>
MILEAGE	<u>58 SK/MALE</u>			<u>462.00</u>
TOTAL				<u>2142.80</u>

REMARKS:

Cement

THANKS

CHARGE TO: PRODUCTION Drilling Inc.

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 570.00

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE 55 @ 4.00 220.00

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

8 5/8 wooden plug @ 55.00

TOTAL 845.00

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment

# SWIFT SERVICES, INC.

PO BOX 466

NESS CITY, 67560-0466

# Invoice

DATE	INVOICE #
12/15/2004	7478

BILL TO
Production Drilling, Inc. PO Box 680 Hays, KS 67601

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#5	Flax	Trego	Discovery Drilling...	Oil	Development	5-1/2" Long ...	Dave
PRICE REFERE...	DESCRIPTION				QTY	UNIT PRICE	AMOUNT	
575D	Mileage				30	3.00	90.00	
578D	Pump Service				1	1,250.00	1,250.00	
281	Mud Flush				500	0.65	325.00T	
290	D-Air				2	8.00	16.00T	
326	60/40 Pozmix (2% Gel)				175	6.00	1,050.00T	
283	Salt				900	0.17	153.00T	
276	Flocele				44	1.00	44.00T	
581D	Service Charge Cement				175	1.10	192.50	
583D	Drayage				230.2	0.90	207.18	
419-5	5 1/2" Rotating Head Rental				1	200.00	200.00T	
400-5	5 1/2" Guide Shoe				1	100.00	100.00T	
401-5	5 1/2" Insert Float With Auto Fill				1	125.00	125.00T	
402-5	5 1/2" Centralizers				8	55.00	440.00T	
403-5	5 1/2" Cement Basket				1	140.00	140.00T	
404-5	5 1/2" Port Collar				1	1,600.00	1,600.00T	
410-5	5 1/2" Top Plug				1	65.00	65.00T	
413-5	5 1/2" Roto Wall Scratchers				5	35.00	175.00T	
414-5	5 1/2" Limit Clamp				1	30.00	30.00T	
	Subtotal						6,202.68	
	Sales Tax					5.30%	236.54	

*Cement  
long string*

*V-3435*

*71170*

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Thank You For Your Business & Best Wishes For A Wonderful Holiday Season!!	Total	\$6,439.22
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CHARGE TO: Production Drilling

ADDRESS

CITY, STATE, ZIP CODE

TICKET No 7478

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>HAWKS KS</u>	WELL/PROJECT NO. <u>#5</u>	LEASE <u>Flax</u>	COUNTY/PARISH <u>Trego</u>	STATE <u>KS</u>	CITY	DATE <u>12-15-04</u>	OWNER
2. <u>NESS CITY KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>Discovery Drilling Rig #2</u>	SHIPPED VIA <u>C.T.</u>	DELIVERED TO <u>3s, 6w, 1/4s, 1/2s into Ellis KS</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Develop</u>	JOB PURPOSE <u>5 1/2 Long string</u>	WELL PERMIT NO. <u>15-195-22274-00-00</u>	WELL LOCATION <u>5s, 14T, 216R</u>		
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 #125	30	m			3.00		90	00
578		1			Pump Service	1	eq			1250	00	1250	00
281		1			Mid Flush	500	gfl			65		325	00
290		1			D-Air	2	gfl			8.00		16	00
326		2			60-40 2% GEL cement	175	SKS			6.00		1050	00
283		2			Salt	900	lbs			17		153	00
276		2			Floacle	44	lbs			1.00		44	00
581		2			Service Charge CMT	175	SKS			1.10		192	50
583		2			Drygas	2302	Tm			90		207	18

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 JAN 20 2005  
 KCC WICHITA

**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 Jim Weir  
 DATE SIGNED 12-15-04 TIME SIGNED 1400  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?				P61 PAGE TOTAL	3,327 68
WE UNDERSTOOD AND MET YOUR NEEDS?				P62	2,875 00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				sub Totals	6,202 68
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				TAX	236 54
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	6439 22
<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 DAVE ASH APPROVAL

Thank You!



**JOB LOG:**

**SWIFT Services, Inc.**

DATE 12-15-04 PAGE NO.

CUSTOMER Production Drilling WELL NO. #5 LEASE Flax JOB TYPE 5 1/2 Long String TICKET NO. 7478

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1130							DN Location, Running CS6, Discuss Job, Sit up T&S. Centriflers on 1,3,5,7,9,11,13,58, Basket on Top 58 Port Collar on top 58 @ 1623 FT Scrubber 25 FT TD 4040, TP, 4042, SJ 23.5 FT 5 1/2 - 15.5 FT CS6 Cement 175 SWS 60/40 2% gel, 10% SS4, 1/4 floccle mixed @ 13.6 lbs/l = 42 bbls
	1240							Drop Ball, Break Circulation, Rotate CS6
	1315		3 1/2					Plug Retable
	1320	3	0		✓		150	Start mud flush 500 ccs
		3	12		✓		150	
	1325	4 1/2	0		✓			Start mixing CMT
	1335	4 1/2	41		✓		100	
	1338	0	0				0	Drop Plug Wash Pumping Lines
	1338	5 1/2	0		✓		150	Start Disp
		6 1/2	20		✓		200	CMT going out Bottom
		6 1/2	56		✓			
		6 1/2	64		✓		300	Start to List
		6 1/2	73		✓		400	
		6 1/2	80		✓		500	
		6 1/2	85		✓		550	Stop Rotating CS6
	1355	3 1/2	94		✓		1400	Land Plug
	1358				✓		0	Release PSZ Foot Holds
	1410							Wash Up
	1420							Rec Up
	1430							Tickets
	1435							Job Complete

**RECEIVED**

**JAN 20 2005**

**KCC WICHITA**

Thank You!  
DAVE, Blake, Brett