

rec 11-28-01

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6743
Name: Southwind Petroleum Corp.
Address: 1400 W. 4th Street
City/State/Zip: Wichita, KS 67203
Purchaser: _____
Operator Contact Person: Ronald S. Schraeder
Phone: (316) 263-0898
Contractor: Name: Pratt Well Service
License: 5893
Wellsite Geologist: Willis Nigh

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: Anadarko Production Company
Well Name: Fark "A" #1

Original Comp. Date: 3-31-67 Original Total Depth: 4900'
____ Deepening ____ Re-perf. Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

10-25-01 10-29-01 11-15-01
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-097-20012-0001
County: Kiowa
70' N. E/2 NW Sec. 1 Twp. 28 S. R. 18 East West
4020 4098 feet from (S) / N (circle one) Line of Section
3300 3376 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
KCC GPS footages KGR

(circle one) NE SE NW SW
Lease Name: Fark (L) Well #: 1SWD
Field Name: Allstott
Producing Formation: Chase
Elevation: Ground: 2189 Kelly Bushing: 2200
Total Depth: 4900' Plug Back Total Depth: 2789'
Amount of Surface Pipe Set and Cemented at 488' w/500 Sk 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 Alt. 1 SWD KGR 8/31/07
(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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

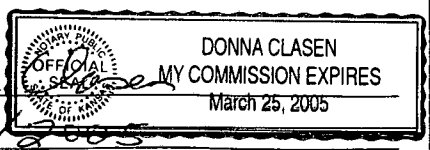
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: Ronald S. Schraeder
Title: Petroleum Engineer Date: 11-27-01

Subscribed and sworn to before me this 27th day of November, 2001

Notary Public: Donna Clasen
Date Commission Expires: 3/25/2005



KCC Office Use ONLY
____ Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

X

Operator Name: Southwind Petroleum Corp. Lease Name: Fark (L) Well #: 1 SWD
 Sec. 1 Twp. 28 S. R. 18 East West County: Kiowa

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: ELI Wireline Services Dual Receiver Bond Log (11-09-01)	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Winfield</td> <td>2460'</td> <td>(-271)</td> </tr> <tr> <td>Towanda</td> <td>2530'</td> <td>(-341)</td> </tr> <tr> <td>Florence</td> <td>2614'</td> <td>(-425)</td> </tr> <tr> <td>Wreford</td> <td>2700'</td> <td>(-511)</td> </tr> </table>	Name	Top	Datum	Winfield	2460'	(-271)	Towanda	2530'	(-341)	Florence	2614'	(-425)	Wreford	2700'	(-511)
Name	Top	Datum														
Winfield	2460'	(-271)														
Towanda	2530'	(-341)														
Florence	2614'	(-425)														
Wreford	2700'	(-511)														

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	# Sacjs Used	Type and Percent Additives
Surface (previously set)		8 5/8"		488'		500	
Disposal		4 1/2"	9 1/2#	2828'	common	160	10% Salt

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 (Amount and Kind of Material Used)	Depth
2	2476-86'	1,000 gal. 15% FE	
2	2544-50'	1,000 gal. 15% FE	
2	2618-52'	1,000 gal. 15% FE	
2	2724-32' & 2743-50'	1,000 gal. 15% FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
"Sealtite"	2 3/8"	2466'	2466'	

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	<input type="checkbox"/> Flowing <input 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

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, Sumit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	



TREATMENT REPORT

03984

Customer ID	Date	ORIGINAL	
Customer	Southwind Pet.		
Lease	FARK L-1	Lease No.	Well #
Field Order #	Station	Casing	Depth
4259	Pratt	4 1/2	
Type Job	Formation	County	State
Acid Old Well	N A	Kiowa	Ks
		Legal Description	
		Sec. 1-28-18W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/FI		Acid	RATE	PRESS	ISIP	
4 1/2	2 3/8			1000 gals. 15% FE			300	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
	2716	2724	2750		4 3/4	1400	200	
Volume	Volume	From	To	Post-Frac	Min		10 Min.	
	10 1/2			2 Bbls Spacer	1/2	900	150	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
					4 1/2	1200	100	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
2770				13 Bbls WATER			41 Bbls	

Customer Representative: Ron Schraeder Station Manager: DAVE AUTRY Treater: Jim STRUNK

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30					Arrive on Location
					Hold SAFTY Meeting
					Packer NOT Set Tbg @ 2760
9:01					START Pump WATER dn. Tbg. To Load Hole
9:04		1600	10		Tbg. Loaded, Press. up STOP
10:00		2900			Re-Press. — Tbg. Plugged
10:13		2800			Bleed OFF, RUN Swab tools no Swab
11:00		2900			Re-Press. no Go Release Packer
					Swab Tbg.
					Packer NOT Set Tbg. @ 2757
12:27					START Pump WATER dn. Tbg. To Load
12:36			29		Hole Loaded & Circ. out ANN.
12:40			41		STOP WATER, START Acid to Spot
12:46			10 1/2		Acid on Bottom, STOP
12:50					Set Packer
12:50		1400			START Pump Acid dn. Tbg.
12:51		1400	11	1/2	Press. Break
12:52		900	12	1	speed pump
12:53		1200	16	4 3/4	Feeding
12:55		1150	26	4 3/4	1000 Acid in START WATER
12:58		1150	41	4 3/4	Acid Clear, ANN. Flow, STOP

10244 NE Hiway 61 • P. O. Box 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383



ORIGINAL

FIELD ORDER

4259

INVOICE NO.	Subject to Correction		
Date 11-14-01	Lease FARK L-1	Well # 1-5WD	Legal SEC. 1-28-18W
Customer ID	County KIOWA	State KS	Station Pratt
Charge Southwind Pet.	Depth 2724	Formation N A	Shoe Joint
	Casing 4 1/2	Casing Depth 2770	Job Type Acid Ad Well
	Customer Representative RON F. Willis	Treater Jim Strunk	
AFE Number	PO Number	Materials Received by	X Renewal Schuler

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
A302	1000	gals. 15% Acid				
A312	1000	gals. FE Acid Conv.				
C110	2	gals. AH1B-1				
C230	2	gals. S-1				
E100	1	UNITS 30 MILES				
		TONS MILES				
E200	1	EA. Acid PUMP CHARGE				
		Discounted Price		1987.20		
		PLUS TAX				

10244 NE Hiway 61 · P.O. Box 8613 · Pratt, KS 67124-8613 · Phone (620) 672-1201 · Fax (620) 672-5383 TOTAL

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



TREATMENT REPORT

03986

Customer ID	Date	ORIGINAL	
Customer	Southwind Pet.		
Lease	PARK LT	Lease No.	Well #

Field Order #	Station	Casing	Depth	County	State
4258	Pratt	4 1/2		Kiowa	KS
Type Job	Acid Old Well		Formation	Legal Description	
			CHASE Group	Sec 1-28-18W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4 1/2	2 3/8	2		1000 gals. 15% FF			2.50	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
	2455	2486	2486		4 3/4	1650	175	
Volume	Volume	From	To	Pad	Min		10 Min.	
	10			2 Bbls. WATER	1/2	700		
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
					4 1/2	1050		
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
2578				22 Bbls. WATER			48 Bbls.	

Customer Representative	Station Manager	Treater
RON & Willis	DAVE ATRY	Jim STRUNK

Service Units	101	21-50
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30					ARRIVE ON LOCATION
					HOLD SAFETY MEETING
					PACKER NOT SET, Tbg. @ 2488'
9:11					START Pump WATER down Tbg.
9:15		350	12		Hole Loaded & Circ., STOP
9:16		50			START Pump Acid dn. Tbg. To SpRT
9:18		400	8		START WATER SPACER
9:19		400	10		Acid on Bottom, STOP, Close ANN.
					Pull Tbg. up & Set Packer 2455'
9:23		0			START Pump Acid down Tbg.
9:24		1650	10 1/2	1/2	Press. Break
9:25		700	11	1/2	Speed pump
9:26		900	14 1/2	3 1/2	Speed pump
9:27		1050	19	4 3/4	Feeding
9:28 1/2		1050	26	4 3/4	1000 Acid in, START WATER
9:33		1000	48	4 3/4	22 Bbls. WATER in, STOP
		250			ISIP
		175			5 MPD
					Close in
					To Bleed OFF

Job file
10 MPD

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1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
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c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

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f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

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TREATMENT REPORT

03988

Customer ID	Date	ORIGINAL	
Customer Southwind Pet.	11/12/01		
Lease FARK L.I.	Lease No.	Well #	SWD
Field Order # 4257	Station PRATT	Casing 4 1/2	Depth
Type Job Acid old well	County KIDWA	State KS	
Formation CHASE GROUP	Legal Description SEC. 1-28-18W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size 2 3/8	Shots/Ft		Acid	1000 GAL 15% FE	RATE	PRESS	ISIP
Depth	Depth 2518	Front 2544	To 2550	Pre Pad		Max 5.8	1800	5 Min. 300
Volume	Volume 10	From	To	Flush	2 1/2 Bbls. WATER	Min 1/2	900	10 Min. 250
Max Press	Max Press	From	To	Frac		Avg 5	1500	15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 2582	Packer Depth 2518	From	To	Flush	12 1/2 Bbls. WATER	Gas Volume		Total Load 39 Bbls.

Customer Representative: Ron Schraeder Station Manager: Dave ATRY Treater: Jim Strunk

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					ARRIVE ON LOCATION
					HOLD SAFETY MEETING
					PACKER NOT SET Tbg @ 2551
4:19					START PUMP WATER DOWN Tbg.
4:25		200	19		Hole Loaded & Circ. OUT ANN.
					START ACID DOWN Tbg. TO SPOT
4:28		200	8		START WATER SPACER
4:29		200	10 1/2		ACID ON BOTTOM STOP, CLOSE ANN.
					PULL Tbg. UP & SET PACKER 2518'
					START PUMP ACID DN. Tbg.
4:34		1500	11	1/2	PRESS. BREAK, SPEED PUMP
4:35		1800	12	1	PRESS. BREAK
4:36		900	14	2	SPEED PUMP
4:37		1650	20	5	FEEDING
4:38		1550	26 1/2	5 1/2	1000 ACID IN START WATER
4:41		1550	39	5 3/4	12 1/2 Bbls. WATER DN. Tbg. STOP
		300			ISIP
4:46		250			5 MPP.
4:48		200			CLOSE IN
					TO BLEED OFF

Job Complete
✓



INVOICE NO. _____
 Date **11-12-01**
 Customer ID _____

Subject to Correction

FIELD ORDER

ORIGINAL
4257

Lease **FARK** Well # **1-SWD** Legal **Sec 1-28-18W**
 County **kiowa** State **KC** Station **Pratt**

CHARGE

Southwind Petroleum Depth **2544** Formation **Chase Group** Shoe Joint _____
 Casing **4 1/2** Casing Depth _____ TD **2582** Job Type **Acid old well**
 Customer Representative **Ron Schraeder** Treater **Jim Strunk**

AFE Number

PO Number

Materials Received by

X Ron Schraeder

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
A302	1000	gals 15% Acid				
A312	1000	gals FE Acid Conv.				
C110	2	gals. AH1B-1				
C230	2	gals 5-1				
E100	1	UNITS 30 MILES				
		TONS MILES				
E207	1	EA. Acid PUMP CHARGE #21				
		Group Treatment				
		Discounted Price		\$1802.70		
		Plus Tax				

10244 NE Hiway 61 - P.O. Box 8613 - Pratt, KS 67124-8613 - Phone (620) 672-1201 - Fax (620) 672-5383

TOTAL

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2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



TREATMENT REPORT 03981

Customer ID	Date	ORIGINAL	
Customer <i>Southwind Pet.</i>	<i>11-12-01</i>		
Lease <i>FARK LI</i>	Lease No.	Well #	<i>SWD-OWWO</i>
Field Order # <i>4856</i>	Station <i>Pratt</i>	Casing <i>4 1/2</i>	Depth
Type Job <i>Acid Old Well</i>	County <i>Kiowa</i>	Formation <i>Florange</i>	State <i>Ks</i>
		Legal Description <i>Sec 1-28-18W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size <i>2 7/8</i>	Shots/Ft		Acid <i>1000 gals. 15% FE</i>	RATE	PRESS	ISIP	
Depth	Depth	From <i>2618</i>	To <i>2652</i>	Pre-Pad <i>3 Bbls. WATER</i>	Max <i>4 1/2</i>	<i>1300</i>	5 Min. <i>300</i>	<i>400</i>
Volume	Volume <i>10 1/2</i>	From	To	PAK <i>34 Bio. Balls</i>	Min <i>1/2</i>	<i>600</i>	10 Min. <i>275</i>	
Max Press	Max Press	From	To	Frac	Avg <i>3 3/4</i>	<i>1000</i>	15 Min. <i>250</i>	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Tug Depth <i>2675</i>	Packer Depth	From	To	Flush <i>18 Bbls WATER</i>	Gas Volume		Total Load <i>4.5 Bbls.</i>	

Customer Representative <i>Ron Schraeder & Willis</i>	Station Manager <i>DAVE AUTRY</i>	Treater <i>Jim Strunk</i>
--	--------------------------------------	------------------------------

Service Units	<i>101</i>	<i>21</i>						
---------------	------------	-----------	--	--	--	--	--	--

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>AM</i>					
<i>1:00</i>					<i>ARRIVE ON LOCATION</i>
					<i>HOLD SAFETY MEETING</i>
					<i>PACKER NOT SET Tbg @ '2648'</i>
<i>11:47</i>					<i>Hole Loaded, START Pump Acid dn. Tbg.</i>
<i>1:51</i>		<i>200</i>	<i>8</i>	<i>2</i>	<i>START WATER SPACER</i>
<i>1:53</i>		<i>200</i>	<i>11</i>	<i>2</i>	<i>Acid on Bottom STOP, Close Ann.</i>
					<i>Pull Tbg. up & Set Packer 2585'</i>
<i>2:02</i>		<i>0</i>			<i>START Pump Acid down Tbg, Press up slow</i>
<i>2:03</i>		<i>1400</i>	<i>11 1/2</i>	<i>1/2</i>	<i>Press. Break</i>
<i>2:04</i>		<i>600</i>	<i>12</i>	<i>1/2</i>	<i>Speed pump, START Inject Balls</i>
<i>2:05</i>		<i>1000</i>	<i>15</i>	<i>3 1/2</i>	<i>Feeding</i>
<i>2:07 1/2</i>		<i>850</i>	<i>23</i>	<i>3 1/2</i>	<i>Balls to Perfs.</i>
<i>2:09</i>		<i>800</i>	<i>27</i>	<i>3 1/2</i>	<i>1000 Acid + 34 Balls in. ST. WATER</i>
<i>2:11 1/2</i>		<i>900</i>	<i>38</i>	<i>3 1/2</i>	<i>Balls Clear, Speed pump</i>
<i>2:12</i>		<i>1300</i>	<i>40 1/2</i>	<i>4 1/2</i>	<i>Feeding</i>
<i>2:13</i>		<i>1300</i>	<i>45</i>	<i>4 1/2</i>	<i>18 Bbls. WATER dn. Tbg., STOP</i>
		<i>400</i>			<i>ISIP</i>
<i>2:28</i>		<i>250</i>			<i>15 MPD</i>
					<i>Close in Job, plete</i>
					<i>To Bleed OFF y Comp</i>



ORIGINAL
4256

FIELD ORDER

INVOICE NO.
Date 11-12-01
Customer ID

Subject to Correction
Lease FARK L I
County Kiowa
Well # SWD
State KS
Legal Sec. 1-28-18W
Station Pratt
Depth 2618
Formation FLORANCE
Shoe Joint
Casing 4 1/2
Casing Depth
TD 2175
Job Type Acid old well
Customer Representative Ron Swillic
Treater Jim Strunk

Southwind Petroleum

AFE Number
PO Number

Materials Received by Ron Swillic

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
2302	1000	gals. 15% Acid				
2312	1000	gals FE Acid Conv.				
110	2	gals. AHR-1				
230	2	gals 5-1				
173	34	Biodegradable Ball Sealerc				
100	1	UNITS 30 MILES				
		TONS MILES				
200	1	EA. Acid PUMP CHARGE #21				
701	1	Ball Inspector				
		Discounted Price		2334.40		
		plus TAX				

244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

TOTAL

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.

2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



SERVICE TICKET AND INVOICE

ORIGINAL

Date 11/9/01

Engineer MD THOMASON

Operator DM YOUNGER

Truck No. 151

CHARGE TO SOUTHWIND PETROLEUM CORP.

ADDRESS 1400 W. 14th ST.

CITY WICHITA, KS 67203

CUSTOMER ORDER NO.

WELL FARK "L" SWDW #1

CASING SIZE & WEIGHT 4 1/2"

FIELD COUNTY KIOWA

01-285-18W

LEGAL DESCRIPTION:

CASED HOLE SERVICES					OPEN HOLE SERVICES				
<input type="checkbox"/> Combination GJR-Neutron Log	<input type="checkbox"/> Correlation Log	<input type="checkbox"/> Differential Temperature Log	<input checked="" type="checkbox"/> Sonic Bond Log SS	<input checked="" type="checkbox"/> Cement Top Log	<input type="checkbox"/> GAMMA RAY-NEUTRON GUARD & CALIPER LOG	<input type="checkbox"/> BHC SONIC LOG	<input type="checkbox"/> SS	<input type="checkbox"/> FF	
<input type="checkbox"/>		<input type="checkbox"/> Density Gas Detection Log	<input checked="" type="checkbox"/> Steel Camter	<input type="checkbox"/> Bridge Plug	<input type="checkbox"/> INDUCTION ELECTRIC LOG				
<input type="checkbox"/>		<input type="checkbox"/> Link Jet	<input type="checkbox"/> Strip Jet	<input type="checkbox"/> Tornado Frac Jet	<input type="checkbox"/> BHC DENSITY LOG	<input type="checkbox"/> COMPUTER ANALYZED LOGGING SYSTEMS	<input type="checkbox"/> GR	<input type="checkbox"/> N	

Received These Services According To The Terms & Conditions On Reverse Side Hereof:

I DO WANT TOOL INSURANCE.
 I DO NOT WANT TOOL INSURANCE. COST _____
 SIGNATURE LINE _____

CUSTOMER #19982 signed by: Willis Nigh

AUTHORIZED AGENT _____

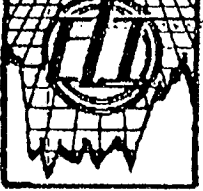
TERMS: Net Cash 20th of Month Following Invoice Date. 1.5% Interest Per Month Charged After 60 Days.

INVOICE SECTION PERFORATING AND OTHER				
Price Ref. No.	No. Holes	Depth		Amount
		From	To	
210-3	68	2652	2618	
210-3	12	2550	2544	
210-3	20	2486	2476	
TOTAL	100			2530.00
split	-17			-357.00
	83			2173.00

INVOICE SECTION — SERVICE CHARGE					
Price Ref. No.	Description Of Charge	From	To	No. Feet	Amount
INVOICE SECTION LOGGING					
411-1-3	Depth Charge	0	2766	2766	691.50
411-2		Logging Charge	2766	2200	566
	Other				
SUB-TOTAL					3564.50
LESS DISCOUNT IF PAID IN 60 DAYS					712.90
TOTAL					2851.60

INVOICE SECTION PLUGS, PACKERS AND OTHER				
Price Ref. No.	Type	Size	Depth	Amount

ORIGINAL



ELI WIRE SERVICES, INC.

P.O. BOX 534—ELLINWOOD, KANSAS 67526

No. 19856

In Remitting or Corresponding
Please Refer to Above Invoice Number

SERVICE TICKET AND INVOICE ORIGINAL

Date 11-13-01

Engineer Rupp

Operator GROVER

Truck No. 147

CHARGE TO SOUTH WIND PETROLEUM CORP.

ADDRESS 1400 W. 14th ST

CITY WICHITA, KS 67203

CUSTOMER ORDER NO. _____

WELL FARK "L" SWDW #1

CASING SIZE & WEIGHT _____

FIELD _____ COUNTY KIOWA

LEGAL DESCRIPTION: APPOX CE 1/2 - NW SEC 1 - 285 - 18W

CASED HOLE SERVICES					OPEN HOLE SERVICES					
Combination G/R-Neutron Log <input type="checkbox"/>	Correlation Log <input type="checkbox"/>	Differential Temperature Log <input type="checkbox"/>	Sonic Bond Log <input type="checkbox"/>	Cement Top Log <input type="checkbox"/>	<input type="checkbox"/>	GAMMA RAY-NEUTRON GUARD & CALIPER LOG <input type="checkbox"/>	<input type="checkbox"/>	BHC SONIC LOG <input type="checkbox"/>	SS <input type="checkbox"/>	FF <input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Density Gas Detection Log <input type="checkbox"/>	Steel Carrier <input type="checkbox"/>	Bridge Plug <input type="checkbox"/>	<input type="checkbox"/>	INDUCTION ELECTRIC LOG <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Link Jet <input type="checkbox"/>	Strip Jet <input type="checkbox"/>	Tornado Frac Jet <input type="checkbox"/>	<input type="checkbox"/>	BHC DENSITY LOG <input type="checkbox"/>	GR <input type="checkbox"/>	COMPUTER ANALYZED LOGGING SYSTEMS <input type="checkbox"/>	N <input type="checkbox"/>	<input type="checkbox"/>

Received These Services According To The Terms & Conditions On Reverse Side Hereof:

I DO WANT TOOL INSURANCE.
 I DO NOT WANT TOOL INSURANCE. COST _____
 SIGNATURE LINE _____

CUSTOMER Ronald J. Dumas
 AUTHORIZED AGENT _____

TERMS: Net Cash 20th of Month Following Invoice Date. 1.5% Interest Per Month Charged After 60 Days.

INVOICE SECTION PERFORATING AND OTHER				
Price Ref. No.	No. Holes	Depth From	To	Amount
2003	8	2724	2732	
2003	7	2743	2750	
	15			745.00

INVOICE SECTION — SERVICE CHARGE					
Price Ref. No.	Description Of Charge	From	To	No. Feet	Amount
100	SETRA				500.00
INVOICE SECTION LOGGING					
	Depth Charge				
	Logging Charge				
	Other				
998-1	Reduction for Part of waiting time				250.00
SUB-TOTAL					1245.00
LESS DISCOUNT IF PAID IN 60 DAYS					249.00
TOTAL					996.00

INVOICE SECTION PLUGS, PACKERS AND OTHER				
Price Ref. No.	Type	Size	Depth	Amount

TOOL INSURANCE

In the event a tool or parts of a tool become stuck or lost in the well whichever condition listed below applies shall be strictly followed.

TOOL INSURANCE has been declined, the owner or drilling contractor (whichever applies), shall be responsible for all cost to replace and/or recover and repair, if needed, all equipment belonging to ELI Wireline Services.

TOOL INSURANCE has been requested. ELI Wireline Services, Inc. home office shall be notified at (785) 628-6395 before any operations that might cause the tool to become separated from the line or before any fishing attempts are made. If recovery attempts must be made, three complete attempts shall be done at the operator or drilling contractor's, (whichever applies), expense. Such recovery attempts shall only be done after ELI Wireline Services, Inc. has approved such attempts and then only under ELI Wireline Services, Inc. supervision.

SHOULD ANY of the above conditions not be met, all replacement and repair cost to ELI Wireline Services, Inc. equipment shall again become the responsibility of the owner or drilling contractor, (whichever applies).

TEAMS AND CONDITIONS ATTENDING SERVICES OF ELI WIRELINE SERVICES, INC.

The work described on the reverse side hereof has been performed by ELI Wireline Services, Inc. All accounts for services or sales rendered by ELI Wireline Services, Inc. shall be in accordance with the invoice rendered. The authorized Agent signed on reverse side hereof, hereinafter referred to as the customer agrees to pay ELI Wireline Services, Inc. the amount of the published prices for said services at P. O. Box 534, Ellinwood, Kansas. Should the amount be not paid within the terms fixed by the invoice, interest at eighteen percent, from the date of invoice, will be charged and if placed with attorney for collection, the customer agrees to pay all costs of collection and reasonable attorney fees; which in no event shall be less than \$75.00.

The customer agrees to reimburse ELI Wireline Services, Inc. for the reasonable value of any of their instruments, tools or equipment lost or damaged in the rendition of their service.

The customer certifies that he is the owner of the well on which the work is to be done and that said well is in proper and suitable condition for the performance of said work and that all depth measurements shall be made under his supervision.

Prices for services or products do not include sales or similar taxes. Any tax based on charges made for cash receipts from the sale or services or products will be added to the stated price.

ELI Wireline Services, Inc. endeavors to provide and maintain all equipment to safely and efficiently service properly drilled and conditioned wells. Public liability and property damage insurance is provided for additional protection. Nevertheless, due to conditions in and around well which are unknown or not subject to its control, ELI Wireline Services, Inc. can neither guarantee the results of services rendered nor be liable for injuries to personnel nor be liable for loss or damage arising from the performance of services.

Whenever road conditions are such as to prevent ELI Wireline Services, Inc. service units from reaching the well, customer agrees to provide additional transport equipment required, or make roadway repairs as required, at his own expense.

A responsible representative of the customer must be present on location to generally direct, and specifically designate and approve depths for performance of all services.

In making interpretations of logs our employees will give Customer the benefit of their best judgment, but since all interpretations are opinions based on inferences from electrical or other measurements, we cannot, and we do not guarantee the accuracy or the correctness of any interpretation. We shall not be liable or responsible for any loss, cost, damages, or expenses whatsoever incurred or sustained by the Customer resulting from any interpretation made by any of our employees.

If during the logging procedure a radioactive sealed source is for any reason lost in the hole and cannot be recovered by nondestructive fishing the source shall be cemented in place with an obstruction placed on top of the cement and a metal sign at the top of the hole bearing an engraved legend "Caution a sealed radioactive source of _____ Ci of _____ was abandoned at _____ ft. on _____ of _____, 20 _____."



INVOICE NO.

FIELD ORDER

04132

ORIGINAL

Subject to Correction

Date: 10-27-01

Lease: Park "L"

Well #: 1 SWP

Legal: 7-28-18

Customer ID

County: Kiowa

State: KS

Station: Pratt, KS

CHARGE

Southwind Petroleum

Depth

Formation: TP = 10,5pp

Shoe Joint

Casing: 4 1/2

Casing Depth: 2827

TO: 1828

Job Type: Longstring Oldwell

Customer Representative: Ron Schraeder

Treater: D. Scott

AFE Number

PO Number

Materials Received by: X [Signature]

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	160 sks	Common Cmt				
196	46 lbs	F-LA-322				
243	16 lbs	Defoamer				
223	789 lbs	Salt fine				
F100	3 ea	Centralizers 4 1/2 in				
F150	1 ea	L.D. Plug & Baffle "				
F180	1 ea	Agro Foot shoe "				
F110	1 ea	Cmt Basket "				
F120	2 ea	Stop Collars "				
1302	500 gal	Mud flush				
E107	160 sks	Cmt Serv Charge				
E100	1 ea	UNITS /way MILES 30				
E104	226 ton	TONS /way MILES 30				
R206	1 ea	EA 2501-3000' PUMP CHARGE				
R701	1 ea	Cement Head Rental				
Discounted Price = 4531.95						
Plus Tax						

10244 NE Hwy 61 • P. O. Box 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383 TOTAL

As consideration, the Customer agrees:

- a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the Unpaid account.
- b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:
 1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
 2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
 3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



Customer ID	Date	ORIGINAL
Customer Southwind Pet	10-29-01	
Lease Fark "L"	Lease No.	Well # 560
Field Order # 24132	Station Pratt, KS	Casing 4 1/2
Type Job Long String Old Well DWLW0	Depth	County Kiowa
	Formation	State KS
		Log Description 1-25-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 160 sks Common	RATE	PRESS 1500	ISIP	
Depth 2789	Depth PBTD	From	To	Pre Pad 3 1/2 FLA-322 10.9.5cl	Max		5 Min.	
Volume 44.3	Volume	From	To	Pad 1 Defoamer	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 15.0 ppg 1.39" ^{1/2}	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	37 Bbls 5L	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 12 Bbls mud flush	Gas Volume		Total Load	

Customer Representative Ron Schrader	Station Manager D. Autry	Treater D. Scott
Service Units 106	23	30
	70	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					On loc w/ Tim's Safety mtg
					Float Stoc on Bottom S.J.
					Baffle Top S.J. Cont Bottom
					Basket Top Cont 4x10 Jars
					Log on Bottom Prop Balle (see log)
1:36	300		3	6	54 H2O Spacer
1:59	300		12	6	54 mud flush
2:03	300		3	6	54 H2O Spacer
2:04	400		39	6	Mix (mt 2) 15.0 ppg 160 sks
2:14	0			0	finish mixing (mt - phase 2 in)
2:14			10	5	Wash Pump + line
2:16	100			6.5	Release Plug + 54 Disp 4 1/2" / 10"
2:19	500		31	6.0	lifting (mt 3) 31 Bbls Cont
2:29	1500		44.3	0	Plug Down & psi Test Log
2:30	0				Release Hold
					Good Fire During Job
					Job complete
					Thank you
					Scott



INVOICE NO.

FIELD ORDER

04132

Subject to Correction

ORIGINAL

Date 10-27-01

Lease Fark "L"

Well # 1 SWP

Legal 7-28-18

Customer ID

County Kiowa

State KS

Station Pratt KS

CHARGE

Southwind Petroleum

Depth

Formation TFE 10,5pp

Shoe Joint

Casing 4 1/2

Casing Depth 2827

TD 2828

Job Type Longstring Oldwell

Customer Representative Ron Schraeder

Treater D. Scott

AFE Number

PO Number

Materials Received by X *Ron Schraeder*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	160 sks	Common Cmt				
1196	46 lbs	F-LA-322				
1243	16 lbs	Defoamer				
1223	789 lbs	Salt fine				
F100	3 ea	Centralizers 4 1/2 in				
F150	1 ea	L.D. Plug & Baffle "				
F180	1 ea	Agro float shoe "				
F110	1 ea	Cmt Basket "				
F120	2 ea	Stop Collars "				
1302	500 gal	Mud Flush				
E107	160 sks	Cmt Serv Charge				
E100	1 ea	UNITS /way MILES 30				
E104	226 ton	TONS /way MILES 30				
R206	1 ea	EA 2501-3000' PUMP CHARGE				
R701	1 ea	Cement Head Rental				
Discounted Price =			4531.95			
PLUS Tax						

10244 NE Hwy 61 • P. O. Box 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383 TOTAL

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

b) To defend, indemnify, release and hold harmless ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies and the officers, directors, employees, agents and servants of all of them from and against any claims, liability, expenses, attorney's fees, and costs of defense to the extent permitted by law for:

1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.
2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.
3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnify, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnify, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



Customer ID	Date
Customer Southwind Pet	10-29-01
Lease Fark "L"	Well # 1560
Casing 4 1/2	Depth
County Kiowa	State KS

ORIGINAL

Field Order # 24132	Station Pratt, KS	Casing 4 1/2	Depth	County Kiowa	State KS
Type Job Long String Old Well DWLWU	Formation	Legal Description 1-08-18			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 160 sk's Common	RATE	PRESS 1500	ISIP	
Depth 7789	Depth PBD	From	To	Pipe Pad 316 FLA-322 10% Sol	Max		5 Min.	
Volume 44.3	Volume	From	To	Pad 1 Defoamer	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 15.0 ppg 1.39" / 1"	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	37 Bbls SL	Hi IP Used		Annulus Pressure	
Tug Depth	Packer Depth	From	To	Flush 12 Bbls mud flush	Gas Volume		Total Load	

Customer Representative Ron Schrader	Station Manager D. Autry	Treater D. Scott	
Service Units 106	23	30	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					On loc. w/ Ticks Safety Mtg Float Stoc on Bottom S.J. Baffle Top S.J. Cont Bottom. Basket Top Cont 4x10 T45 Csg on Bottom Drop Balle Choc Wg
1:36	300		3	6	St H2O Spacer
1:59	300		12	6	St mud flush
2:03	300		3	6	St H2O Spacer
2:04	400		39	6	Mix (mt 2) 15.0 ppg 160 sk's
2:14	0			0	finish mixing mt - phase 2 in
2:14			10	5	Wash Pump + line
2:16	100			6.5	Release Plug + St Disp 1 1/2" / 10"
2:19	500		31	6.0	lifting mt 31 Bbls cont
2:29	1500		44.3	0	Plug Down & psi Test Plug
2:30	0				Release Hold Good Fire During Job
					Job Complete Thank you Scott



INVOICE NO.

Subject to Correction

FIELD ORDER

04732

ORIGINAL

Date 10-27-01

Lease Park "L"

Well # 1 SWP

Legal 7-28-18

Customer ID

County Kiowa

State KS

Station Pratt KS

CHARGE

Southwind Petroleum

Depth

Formation TP= 10,5pp

Shoe Joint

Casing 4 1/2

Casing Depth 2827

TD 2828

Job Type Longstring Old well

Customer Representative Ron Schraeder

Treater D. Scott

AFE Number

PO Number

Materials Received by X *Ron Schraeder*

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	160 sks	Common Cmt				
196	46 lbs	FLA-322				
243	16 lbs	Defoamer				
223	789 lbs	Salt fine				
F100	3 ea	Centralizers 4 1/2 in				
F150	1 ea	L.D. Plug & Baffle "				
F180	1 ea	Agro float shoe "				
F110	1 ea	Cmt Basket "				
F120	2 ea	Stop Collars "				
1302	500 gal	Mud Flush				
E107	160 sks	Cmt Serv Charge				
E100	1 ea	UNITS /way MILES 30				
E104	226 ton	TONS /way MILES 30				
R206	1 ea	EN2501-3000' PUMP CHARGE				
R701	1 ea	Cement Flood Rental				
Discounted Price =				4331.95		
Plus Tax						

10244 NE Hwy 61 • P. O. Box 8613 • Pratt, KS 67124-8613 • Phone (316) 672-1201 • FAX (316) 672-5383

TOTAL

As consideration, the Customer agrees:

a) To pay ACID SERVICES, LLC in accord with the rates and terms stated in ACID SERVICES, LLC's current price list. Invoices are payable NET 30 after date of invoice. Upon Customers' default payment of Customer's account by the last day of the month following the month in which the invoice is dated, Customer agrees to pay interest thereon after default at the highest lawful contract rate applicable but never to exceed 18% per annum. In the event it becomes necessary to employ attorneys to enforce collection of said account, Customer agrees to pay all collection cost and attorney fees in the amount of the unpaid account.

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1. Damage to property owned by, in the possession of, or leased by Customer, and/or the well owner (if different from Customer), including, but not limited to, surface and subsurface damage. The term "well owner" shall include working and royalty interest owners.

2. Reservoir, formation, or well loss or damage, subsurface trespass or any action in the nature thereof.

3. Personal injury of death or property damage (including, but not limited to, damage to the reservoir, formation or well), or any damages whatsoever, growing out of or in any way connected with or resulting from pollution, subsurface pressure, losing control of the well and/or a well blowout or the use of radioactive material. The amount of this invoice is due and payable at ACID SERVICES, LLC, Dept. No. 1131, Tulsa, Oklahoma 74182. All terms of the Service Order with customer are incorporated herein and made a part hereof by reference.

The defense, indemnity, release and hold harmless obligations of Customer provided for in this Section b) and Section c) below shall apply to claims or liability even if caused or contributed to by ACID SERVICES, LLC's negligence, strict liability, or operated, or furnished by ACID SERVICES, LLC or any defect in the data, products, supplies, materials, or equipment of ACID SERVICES, LLC whether the preparation, design, manufacture, distribution, or marketing thereof, or from a failure to warn any person of such defect. Such defense, indemnity, release and hold harmless obligations of Customer shall not apply where the claims or liability are caused by the gross negligence or willful misconduct of ACID SERVICES, LLC. The term "ACID SERVICES, LLC" as used in said Sections b) and c) shall mean ACID SERVICES, LLC, its divisions, subsidiaries, parent and affiliated companies, and the officers, directors, employees, agents and servants of all of them.

c) That because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, ACID SERVICES, LLC is unable to guarantee the effectiveness of the products, supplies, or materials, nor the results of any treatment or service, nor the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by ACID SERVICES, LLC. ACID SERVICES, LLC personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that ACID SERVICES, LLC shall not be liable for and Customer shall indemnify ACID SERVICES, LLC against any damages from the use of such information.

d) That ACID SERVICES, LLC warrants only title to the products, supplies, and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Acid Services LLC's liability and Customer's exclusive remedy in and cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials in expressly limited to the replacement of such products, supplies or materials on their return to ACID SERVICES, LLC or, at ACID SERVICES, LLC's option, to the allowance to the Customer of credit for the cost of such items. In no event shall ACID SERVICES, LLC be liable for special, incidental, indirect, punitive or consequential damages.

e) To waive the provisions of the Deceptive Trade Practices - Consumer Protection Act, to the extent permitted by law. We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to service furnished under this contract.

f) That this contract shall be governed by the law of the state where services are performed or materials are furnished.

g) That ACID SERVICES, LLC shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized manager of ACID SERVICES, LLC.



Customer ID	Date	ORIGINAL	
Customer Southwind Pet	10-29-01		
Lease Fark L	Lease No.	Well #	1560
Field Order # 24132	Station Pratt, KS	Casing 4 1/2	Depth
County Kiowa		State KS	

Well Job: Long String Old Well OWLWO
 Formation:
 Legal Description: 1-28-18

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 160 sk's Common	RATE	PRESS	ISIP	
Depth 2789	Depth PBTD	From	To	Pre Pad 3 1/2 FLA-322 10% Sol	Max	1500	5 Min.	
Volume 44.3	Volume	From	To	Pad 1 Defoamer	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 15.0 ppg 1.37" / 15	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	37 Bbls SL	Hi IP Used		Annulus Pressure	
Plug Depth	Pecker Depth	From	To	Flush 12 Bbls mud flush	Gas Volume		Total Load	

Customer Representative: Ron Schraeder
 Station Manager: D. Austry
 Treater: D. Scott

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:00					On loc. w/ Trip's Safety Mtg Float Stoc on Bottom S.J. Baffle Top S.J. Cont Bottom Basket Top Cont 4x10 245 Csg on Bottom Drop Ball (over 100)
1:36	300		3	6	5x H2O spacer
1:59	300		12	6	5x mud flush
2:03	300		3	6	5x H2O spacer
2:04	400		39	6	Mix (mt 2) 15.0 ppg 160 sk's
2:14	0			0	finish mixing cont - phase 2 in
2:14			10	5	wash pump + line
2:16	100			6.5	Release Plug + 5x Disp 4/10
2:19	500		31	6.0	lifting cont 31 Bbls cont
2:29	1500		44.3	0	Plug Down & psc Test Plug
2:30	0				Release Hold Good line During Job
					Job complete Thank you Scott

PIPE RUN SIZE 4 1/2" WEIGHT 10 1/2# GRADE J-55 TYPE JOINT MAKE Smith Supply NO. FT.

PIPE RUN SIZE WEIGHT GRADE TYPE JOINT MAKE ORIGINAL NO. FT.

PIPE RUN SIZE WEIGHT GRADE TYPE JOINT MAKE ORIGINAL NO. FT.

NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		TALLY OF JOINTS NOT RUN		
	NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.
1	39	12	51	39	11	101			151			201	251	
2	39	11	52	39	13	102			152			202	252	1
3	39	10	53	36	34	103			153			203	253	2
4	38	94	54	39	14	104			154			204	254	3
5	39	11	55	39	16	105			155			205	255	4
6	32	55	56	36	35	106			156			206	256	5
7	36	34	57	39	12	107			157			207	257	6
8	39	12	58	39	15	108			158			208	258	7
9	34	80	59	39	13	109			159			209	259	8
10	32	38	60	36	34	110			160			210	260	9
11	31	83	61	39	15	111			161			211	261	10
12	33	33	62	39	12	112			162			212	262	11
13	33	32	63	39	18	113			163			213	263	12
14	33	48	64	39	15	114			164			214	264	13
15	32	98	65	39	13	115			165			215	265	14
16	33	56	66	39	12	116			166			216	266	15
17	31	58	67	39	18	117			167			217	267	16
18	33	07	68	39	10	118			168			218	268	17
19	33	18	69	36	33	119			169			219	269	18
20	33	80	70	39	12	120			170			220	270	19
21	31	80	71	39	15	121			171			221	271	20
22	34	00	72	39	15	122			172			222	272	21
23	32	96	73	39	13	123			173			223	273	22
24	32	05	74	39	15	124			174			224	274	23
25	31	70	75	39	18	125			175			225	275	24
26	31	80	76	39	17	126			176			226		
27	32	59	77			127			177			227		
28	36	35	78			128			178			228	NO. JOINTS DELIVERED	76
29	38	85	79			129			179			229	NO. JOINTS RUN	76
30	39	15	80			130			180			230		
31	36	93	81			131			181			231	TOTAL RUN—OVERALL	
32	39	13	82			132			182			232	OFF FOR THREADS	
33	39	10	83			133			183			233	TOTAL—THREADS OFF	2818.07'
34	34	22	84			134			184			234	TOP PIPE BELOW:	
35	39	08	85			135			185			235	<input checked="" type="checkbox"/> ROTARY DRIVE BUSHING	2200'
36	39	12	86			136			186			236	<input type="checkbox"/> DERRICK FLOOR	
37	39	11	87			137			187			237	DEPTH LANDED	2828'
38	39	14	88			138			188			238	REMARKS	Set 4 1/2" 10 1/2# csg @
39	39	14	89			139			189			239		2828' w/160 Sx. common
40	36	07	90			140			190			240		cement w/additives. Plug
41	39	16	91			141			191			241		down at 10:30 P.M.
42	39	13	92			142			192			242		(See back side for de-
43	39	15	93			143			193			243		tails).
44	39	15	94			144			194			244		
45	39	16	95			145			195			245		
46	39	17	96			146			196			246		Measure tubular goods with steel tape
47	39	18	97			147			197			247		only. Use white tape when possible.
48	39	10	98			148			198			248		Record tape readings in feet and
49	39	15	99			149			199			249		hundredths.
50	36	25	100			150			200			250		

APPROVED *Ronald S. Schraeder*
 Ronald S. Schraeder, Petr. Engr.

FLOAT EQUIPMENT
FARK (L) # 1 SWD
70' N of C E/2 NW/4
Sec 1-T28S-R18W
Kiowa County, Kansas

ORIGINAL

All measurements are from K.B. of 2200', 11' above ground level.

Ran 76 joints of 4½" 10½# used, range 2-3, Smith Supply casing to 2828'. Cemented casing with 160 sacks of Acid Service's common cement following a pre-flush of 500 gallons mud flush. Had good circulation throughout the job. Displaced the wiper plug to the baffle pressuring it to 1,500# pressure, released the pressure, and float held. Job completed 10:30 P.M. on 10-29-01.

Guide Shoe @ 2828'.

Insert Float Valve with Auto-fill @ 2789'.

Centralizers @ : 2820', 2673', & 2458'.

Baskets @ : 2805'.

Stop rings on top of basket and top of first centralizer.

Set casing in slips in bradenhead. Casing shoe at 2828'. Pumped 500 gallons of Acid Services mud flush chemical. Pumped 3 barrels of water-spacer ahead of the cement. Mixed and displaced 160 sacks Acid Services common cement containing 0.3% FLA-322, 0.1 defoamer, and 10% salt. Washed up hoses. Displaced wiper plug with fresh water. Bumped the baffle/float at 2789' with wiper, pressured to 1,500#. Released the pressure and the float held. Job completed at 10:30 P.M.

PIPE RUN. SIZE 4 1/2" WEIGHT 10 1/2# GRADE J-55 TYPE JOINT MAKE Smith Supply NO. FT.

PIPE RUN. SIZE WEIGHT GRADE TYPE JOINT MAKE ORIGINAL NO. FT.

PIPE RUN. SIZE WEIGHT GRADE TYPE JOINT MAKE ORIGINAL NO. FT.

NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		TALLY OF JOINTS NOT RUN	
	NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT
1	39	12	51	39	11	101			201				
2	39	11	52	39	13	102			202				
3	39	10	53	36	34	103			203				
4	38	94	54	39	14	104			204				
5	39	11	55	39	16	105			205				
6	32	55	56	36	35	106			206				
7	36	34	57	39	12	107			207				
8	39	12	58	39	15	108			208				
9	34	80	59	39	13	109			209				
10	32	38	60	36	34	110			210				
11	31	83	61	39	15	111			211				
12	33	33	62	39	12	112			212				
13	33	32	63	39	18	113			213				
14	33	48	64	39	15	114			214				
15	32	98	65	39	13	115			215				
16	33	56	66	39	12	116			216				
17	31	58	67	39	18	117			217				
18	33	07	68	39	10	118			218				
19	33	18	69	36	33	119			219				
20	33	80	70	39	12	120			220				
21	31	80	71	39	15	121			221				
22	34	00	72	39	15	122			222				
23	32	96	73	39	13	123			223				
24	32	05	74	39	15	124			224				
25	31	70	75	39	18	125			225				
26	31	80	76	39	17	126			226				
27	32	59	77			127			227				
28	36	35	78			128			228			NO. JOINTS DELIVERED	76
29	38	85	79			129			229			NO. JOINTS RUN	76
30	39	15	80			130			230				
31	36	93	81			131			231			TOTAL RUN—OVERALL	
32	39	13	82			132			232			OFF FOR THREADS	
33	39	10	83			133			233			TOTAL—THREADS OFF	2818.07'
34	34	22	84			134			234			TOP PIPE BELOW:	
35	39	08	85			135			235			<input checked="" type="checkbox"/> ROTARY DRIVE BUSHING	2200'
36	39	12	86			136			236			<input type="checkbox"/> DERRICK FLOOR	
37	39	11	87			137			237			DEPTH LANDED	2828'
38	39	14	88			138			238			REMARKS	Set 4 1/2" 10 1/2# csg @
39	39	14	89			139			239				2828' w/160 Sx. common
40	36	07	90			140			240				cement w/additives. Plug
41	39	16	91			141			241				down at 10:30 P.M.
42	39	13	92			142			242				(See back side for de-
43	39	15	93			143			243				tails).
44	39	15	94			144			244				
45	39	16	95			145			245				
46	39	17	96			146			246				Measure tubular goods with steel tape
47	39	18	97			147			247				only. Use white tape when possible.
48	39	10	98			148			248				Record tape readings in feet and
49	39	15	99			149			249				hundredths.
50	36	25	100			150			250				

APPROVED *Ronald S. Schraeder*
 Ronald S. Schraeder, Petr. Engr.

FLOAT EQUIPMENT
FARK (L) # 1 SWD
70' N of C E/2 NW/4
Sec 1-T28S-R18W
Kiowa County, Kansas

ORIGINAL

All measurements are from K.B. of 2200', 11' above ground level.

Ran 76 joints of 4½" 10½# used, range 2-3, Smith Supply casing to 2828'. Cemented casing with 160 sacks of Acid Service's common cement following a pre-flush of 500 gallons mud flush. Had good circulation throughout the job. Displaced the wiper plug to the baffle pressuring it to 1,500# pressure, released the pressure, and float held. Job completed 10:30 P.M. on 10-29-01.

Guide Shoe @ 2828'.

Insert Float Valve with Auto-fill @ 2789'.

Centralizers @ : 2820', 2673', & 2458'.

Baskets @ : 2805'.

Stop rings on top of basket and top of first centralizer.

Set casing in slips in bradenhead. Casing shoe at 2828'. Pumped 500 gallons of Acid Services mud flush chemical. Pumped 3 barrels of water-spacer ahead of the cement. Mixed and displaced 160 sacks Acid Services common cement containing 0.3% FLA-322, 0.1 defoamer, and 10% salt. Washed up hoses. Displaced wiper plug with fresh water. Bumped the baffle/float at 2789' with wiper, pressured to 1,500#. Released the pressure and the float held. Job completed at 10:30 P.M.

PIPE RUN. SIZE 4 1/2" WEIGHT 10 1/2# GRADE J-55 TYPE JOINT _____ MAKE Smith Supply NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE _____ NO. FT. _____

PIPE RUN. SIZE _____ WEIGHT _____ GRADE _____ TYPE JOINT _____ MAKE **ORIGINAL** NO. FT. _____

NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		TALLY OF JOINTS NOT RUN					
	NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT		NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT	NO.	LENGTH OF JOINT		
1	39	12	51	39	11	101			151			201			251		
2	39	11	52	39	13	102			152			202			252		
3	39	10	53	36	34	103			153			203			253		
4	38	94	54	39	14	104			154			204			254		
5	39	11	55	39	16	105			155			205			255		
6	32	55	56	36	35	106			156			206			256		
7	36	34	57	39	12	107			157			207			257		
8	39	12	58	39	15	108			158			208			258		
9	34	80	59	39	13	109			159			209			259		
10	32	38	60	36	34	110			160			210			260		
11	31	83	61	39	15	111			161			211			261		
12	33	33	62	39	12	112			162			212			262		
13	33	32	63	39	18	113			163			213			263		
14	33	48	64	39	15	114			164			214			264		
15	32	98	65	39	13	115			165			215			265		
16	33	56	66	39	12	116			166			216			266		
17	31	58	67	39	18	117			167			217			267		
18	33	07	68	39	10	118			168			218			268		
19	33	18	69	36	33	119			169			219			269		
20	33	80	70	39	12	120			170			220			270		
21	31	80	71	39	15	121			171			221			271		
22	34	00	72	39	15	122			172			222			272		
23	32	96	73	39	13	123			173			223			273		
24	32	05	74	39	15	124			174			224			274		
25	31	70	75	39	18	125			175			225			275		
26	31	80	76	39	17	126			176			226					
27	32	59	77			127			177			227					
28	36	35	78			128			178			228			NO. JOINTS DELIVERED	76	
29	38	85	79			129			179			229			NO. JOINTS RUN	76	
30	39	15	80			130			180			230					
31	36	93	81			131			181			231			TOTAL RUN—OVERALL		
32	39	13	82			132			182			232			OFF FOR THREADS		
33	39	10	83			133			183			233			TOTAL—THREADS OFF	2818.07'	
34	34	22	84			134			184			234			TOP PIPE BELOW:		
35	39	08	85			135			185			235			<input checked="" type="checkbox"/> ROTARY DRIVE RUSHING	2200'	
36	39	12	86			136			186			236			<input type="checkbox"/> DERRICK FLOOR		
37	39	11	87			137			187			237			DEPTH LANDED	2828'	
38	39	14	88			138			188			238			REMARKS: Set 4 1/2" 10 1/2# csg @		
39	39	14	89			139			189			239			2828' w/160 Sx. common		
40	36	07	90			140			190			240			cement w/additives. Plug		
41	39	16	91			141			191			241			down at 10:30 P.M.		
42	39	13	92			142			192			242			(See back side for de-		
43	39	15	93			143			193			243			tails).		
44	39	15	94			144			194			244					
45	39	16	95			145			195			245					
46	39	17	96			146			196			246			Measure tubular goods with steel tape		
47	39	18	97			147			197			247			only. Use white tape when possible.		
48	39	10	98			148			198			248			Record tape readings in feet and		
49	39	15	99			149			199			249			hundredths.		
50	36	25	100			150			200			250					

APPROVED *Ronald S. Schraeder*
 Ronald S. Schraeder, Petr. Engr.

FLOAT EQUIPMENT
FARK (L) # 1 SWD
70' N of C E/2 NW/4
Sec 1-T28S-R18W
Kiowa County, Kansas

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