

Operator Name: F.G. Holl Company, L.L.C. Lease Name: ANSHUTZ Well #: 1-10
 Sec. 10 Twp. 21 S. R. 14 East West County: Stafford. 60' S. & 60' W. of

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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:
 CNL/CDL/DIL
 MEL/BHCS

Log Formation (Top), Depth and Datum Sample

Name Top Datum

Attached

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4"	8-5/8"	24#	829'KB	A-Con	190sx	3%cc, 1/4# celfk
					Common	125sx	3%cc, 1/4# celfk
Production		4-1/2"	10.5#	3849'KB	50/50 Poz	150sx	A Serv. Lite 50sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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
4 BSPF	3678' - 3686' Simpson Sand	Treat w/ 750 gal. 7-1/2% Mira acid	
		Frac w/ 7,500# 20/40 Ottawa Sand,	
		2,000# 12/20 Brady Sand and 348.4#	
		total slurry.	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	3626'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.	Producing Method			
01/06/2003	<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
		60		-
			Water	Bbls.
				-
			Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval 3678' - 3686' Simpson Sand



15.185.23169.0000

PAID DEC - 4 2002 ORIGINAL

SALES OFFICE: 33953
 105 S. Broadway
 Suite #420
 Wichita KS 67202
 (316) 262-3699
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to: F G HOLL P O BOX 158 BELPRE, KS 67519			3678275	Invoice	Invoice Date	Order	Order Date
				211007	11/8/02	5491	11/7/02
Service Description							
Cement							
				Lease		Well	
				Anshutz		1-10	
A/E	CustomerRep	Treater		Well Type	Purchase Order	Term's	
	G. Pugh	K. Gordley		New Well		Net 30	

11/30/02
 12/4
 4057050

ID.	Description	UOM	Quantity	Unit Price	Price
D200	COMMON	SK	125		
D201	A-CON BLEND (COMMON)	SK	190		
C310	CALCIUM CHLORIDE	LBS	891		
C321	CEMENT GEL	LB	236		
C195	CELLFLAKE	LB	78		
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1		
F263	BAFFLE PLATE ALUMINUM, 8 5/8"	EA	1		
E107	CEMENT SERVICE CHARGE	SK	315		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	688		
R202	CASING CEMENT PUMPER, 501-1000'	EA	1		
R701	CEMENT HEAD RENTAL	EA	1		

PAID NOV 18 2002

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 WICHITA, KS

Discount

Tax Rate: 6.30%

(T) Taxable Item

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NOV 15 2002

PLEASE REMIT TO Acid Services, LLC, Dept No 1131,

Accounts become past due the last day of the month following billing. Interest rate 1.5% per

ORIGINAL



INVOICE NO.	Subject to Correction			FIELD ORDER	5491
Date	Lease	Well #	Legal		
11-7-02	ANSHUTZ	1-10	10-21-14		
Customer ID	County	State	Station		
	STAFFORD	KS.	PRATT, KS		
F. Co. HOLL		Depth	Formation	Shoe Joint	
		Casing	Casing Depth	TD	Job Type
		8 5/8	829'		SURFACE-NEW WEL
		Customer Representative	Treater		
		G. RUGH	K. CORDLEY		

CHARGE

AFE Number	PQ Number	Materials Received by
		X GARY RUGH

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	175 SK	COMMON CEMENT	✓			
D201	190 SK	A-COM CEMENT	✓			
C310	891 lb.	Calcium Chloride	✓			
C321	236 lb.	CEMENT GR	✓			
C195	28 lb.	CELLULOSE	✓			
F143	1 EA.	8 5/8 WOOD PLUG	✓			
F163	1 EA.	8 5/8 RAFFLE PLATE	✓			
E107	315 SK	CEMENT SERV. CHARGE				
E100	45 mile	UNITS MILES				
E104	688 TONS	TONS MILES				
R202	1 EA.	EA. 829' PUMP CHARGE				
R701	1 EA.	CEMENT HEAD REMOVAL				
		PRSCC 2		5146.83		

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WICHITA, KS

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



TREATMENT REPORT

ORIGINAL

Customer ID	Date	
Customer	11-7-02	
Lease	Lease No.	Well #
APUSHVITZ		1-10

Field Order #	Station	Casing	Depth	County	State
5491	PRATT, KS.	8 5/8	829'	STAFFORD	KS.
Type Job	Formation		Legal Description		
SURFACE - NEW WELL	TD-829'		10-21-14		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Fluid	RATE	PRESS	ISIP
8 5/8				190 SK. A-CON			5 Min.
Depth	Depth	From	To	3% CC, 1/4" CF	Max		10 Min.
829'				125 SK. COMMON	Min		15 Min.
Volume	Volume	From	To	3% CC, 2% GR, 1/4" CF	Avg # CF		Annulus Pressure
					HHP Used		Total Load
Max Press	Max Press	From	To	Flush	Gas Volume		
Well Connection	Annulus Vol.	From	To				
Plug Depth	Packer Depth	From	To				

Customer Representative	Station Manager	Treater
G. RICH	D. AUSTIN	K. GORDLEY

Service Units	107	24	35	70
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0430					ON LOCATION
0600					RUN 829' 8 5/8 CASING. BIFFLE PLATE IN 1 ST COURSE TRAP BOTTOM, BREAK CORE.
5745			85	6	MIX CEMENT 190 SK. A-CON 3% CC, 1/4" CENTRIFUGAL
			30	6	125 SK. COMMON 3% CC, 1/4" CENTRIFUGAL
			115		START DOWN - RELEASE PLUG
			0	6	START PDSF.
3815			51	2	PULL DOWN
					CORE 25 SK. CEMENT TO PDSF
					RECEIVED KANSAS CORPORATION COMMISSION
					JAN 31 2003
					CONSERVATION DIVISION WICHITA, KS
0845					JOB COMPLETE THANKS - MORN

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SALES OFFICE:
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SALES & SERVICE OFFICE:
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P.O. Box 8613
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(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519			211063	11/27/02	5544	11/24/02
Service Description						
Cement						
Lease				Well		
Anshutz				1-10		
AFE	Customer Rep.	Treater	Well Type	Purchase Order	Terms	
	R. Long	D. Scott	New Well		Net 30	

11/20/02
12/18
4051052
8,076.77

ID.	Description	UOM	Quantity	Unit Price	Price
D204	50/50 POZ (COMMON)	SK	150		
D206	A-SERV LITE (COMMOM)	SK	50		
C196	FLA-322	LB	136		
C195	CELLFLAKE	LB	43		
C243	DEFOAMER	LB	17		
C322	GILSONITE	LB	1987		
C311	CAL SET	LBS	744		
C321	CEMENT GEL	LB	252		
C310	CALCIUM CHLORIDE	LBS	252		
C223	SALT (Fine)	LBS	400		
C302	MUD FLUSH	GAL	500		
C303	SUPER FLUSH	GAL	500		
F160	GUIDE SHOE-REGULAR, 4 1/2"	EA	1		
F200	FLAPPER TYPE INSERT FLOAT VALVES, 4 1/2"	EA	2		
F130	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1		
F252	ROTATING SCRATCHERS	EA	28		
F100	CENTRALIZER, 4 1/2"	EA	7		
E107	CEMENT SERVICE CHARGE	SK	200		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	380		
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1		
R702	CASING SWIVEL RENTAL	EA	1		
R701	CEMENT HEAD RENTAL	EA	1		

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JAN 31 2003

CONSERVATION DIVISION
WICHITA, KS

PLEASE REMIT TO Acid Services, LLC, Dept No 1131,

Accounts become past due the last day of the month following billing. Interest rate 1.5% per



ORIGINAL

FIELD ORDER

5544

CHARGE

INVOICE NO.		Subject to Correction		Well #		Legal	
Date 11-24-02		Lease Anshutz		1-10		10-26-14w	
Customer ID		County Stafford		State KS		Station Pratt KS	
FG Ho 11		Depth		Formation TD = 3846 10.5 ppt		Shoe Joint 44. -	
		Casing 4 1/2		Casing Depth 3846		TD 3850	
		Customer Representative Rob Long		Treated D. Scott		Job Type Long String New Well	
AFE Number		PO Number		Materials Received by X Rob Long			

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	150 sk	50-50 202 Common	✓			
D206	50 sk	A-Serv Lite "	✓			
C196	136 lb	FL A-322	✓			RECEIVED
C195	43 lb	Cell Flake	✓			KANSAS CORPORATION COMMISSION
C243	17 lb	Defoamer	✓			JAN 31 2003
C322	1987 lb	Gilsonite	✓			
C311	744 lb	Cal Set	✓			CONSERVATION DIVISION WICHITA, KS
C321	252 lb	Cmt Gel	✓			
C310	252 lb	Calcium Chloride	✓			
C223	400 lb	Salt Fine	✓			
C302	500 gal	mad flush	✓			
C303	500 gal	Super flush	✓			
F160	1 ca	Guide Shoe reg 4 1/2	✓			
F200	1 ca	Cmt Basket "	✓			
F130	1 ca	Tap Swiper Plug "	✓			
F200	1 ca	ISFV w/Fill "	✓			
F252	28 ca	Rotating Scratcher's 140 ft	✓			
F100	7 ca	Turbolizer's 4 1/2	✓			
E107	200 sk	Cmt Serv Chg				
E100	1 ca	UNITS 1 way MILES 45				
E104	380 + m	TONS 1 way MILES 45				
R208	1 ca	EA. 3501-400 PUMP CHARGE				
R702	1 ca	lsg Swivel 4 1/2				
R701	1 ca	Cmt Head "				
Discounted Price =				7709.23		

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TREATMENT REPORT



Customer ID		Date	
Customer F G Holl		11-24-02	
Lease Anshutz	Lease No.	Well # 1-10	

Field Order # 3544	Station Pratt KS	Casing 4 1/2	Depth 3846	County Stafford	State KS
Type Job Long String New Well			Formation	Legal Description 10-2/1-14w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 150sk 50-50oz Hall Blend	RATE	PRESS	ISIP	
Depth 3802	Depth PBTD	From	To	Pre Ppd 1.54 ft ³ 13.7 ppg	Max		5 Min.	
Volume 60.4	Volume	From	To	Post 50 sk lite Hall Blend	Min		10 Min.	
Max Press 2000	Max Press	From	To	Frac 1.77 ft ³ 13.0 ppg	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	41.1 + 13.7 = 56.8 Bbls	MHP Used 32		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush Salt m.f. + s.f.	Gas Volume		Total Load	

Customer Representative Rob Long	Station Manager Dave Autry	Treater D. Scott
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Service Units	106	35	57	44	72
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Time	Casing Pressure	Tubing Pressure	Bbls. Produced	RECEIVED Rate	Service Log
0100					On loc w/ Trki Safety mtg 6.S. & ISFV on S. J. Cmt Basket 3rd Jt Cmt 1-2-3-4-5-6-7 KANSAS CORPORATION ON COMMISSION JAN 31 2003 CONSERVATION DIVISION WICHITA, KS Log on Bottom Drop Ball Circ w/ Rig
0604	250		20	6	St Salt flush 400 lb;
0608	250		12	6	St mud flush
0610	250		3	6	H2O Spacer
0611	250		12	6	St Super flush
0613	250		3	5	H2O Spacer
0620	300		8	6.5	mix lead Cmt A-lite @ 13.0 ppg 25 sk i
0622	250		41.1	6.5	mix Tail Cmt @ 13.7 ppg 150 sk i
0632			10	5	Chose In & Wash Pump + line
0633	100			7.5	Release Plug + St Disp w/ H2O
0637	400			7.0	Lifting Cmt 48 Bbls Out
0643	1250		60.4	6	Plug Down + psi Test Csg
0645					Release psi
			8		Plug R.H. & M.H. w/ 25 sk lite Cmt Good Circ During Job Rotated Csg
Job Complete Thank you Scotty					

Mud-Co / Service Mud, Inc.

Operator FG Holl County/State Stafford, Ks. Pump 6 15 14 X 90 SPM Casing Program 8 5/8 " @ 485 ft.
 Well #1-10 Anschutz Location _____ GPM 8.22 BPM " @ _____ ft.
 Contractor Sterling Drilling #1 Sec 10 TWP 21S RNG 14W D.P. 4 1/2 in. 203 FT/MIN R.A. " @ _____ ft.
 Stockpoint Pratt, Ks. Date 11/01/02 Engineer Rick Hughes Collar 6 1/4 in. 597 ft. 368 FT/MIN R.A. Total Depth 3850 ft.

DATE	DEPTH feet	WEIGHT lb/gal	VISCOSITY				GELS 10 sec/ 10 min.	pH Strip Meter	FILTRATION		FILTRATION ANALYSIS			SAND %	RETORT			L.C.M. #/bbl	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT	
			Sec API ° F	PV ° F	Yp	ml API			Cake 32nds	Pres. #/BBL	Cl ppm	Ca ppm	Solids %		Oil %	Water %						
11/01	0																			0	Move in rig	
11/02	650																				Rig repair	
11/08	1831	8.7	58	10	38	38/52	7.0	8.0	2		7000	nc		2.3		97.7				Drig.		
11/09	2095	9.1	38	8	20	28/36	7.0	12.6	3		21m	hvy		4.4		95.6				Drig., DST #1 - 1880'.		
11/10	2696	8.8	42	12	10	16/34	11.5	8.0	1		3000	40		3.3		96.7				Drig., displace system at 2505'.		
11/11	3286	9.3	42	10	13	23/34	10.0	10.2	2		4200	60		6.8		93.2				Drig.		
11/12	3508	9.2	46	14	14	28/34	11.0	8.0	1		5000	80		6.1		93.9				DST #2		
11/13	3620	9.1	46	11	26	30/46	11.5	8.8	1		5500	30		5.3		94.7				CFS, DST #3 - 3557'.		
11/14	3633																				Broke down, DST #4 - 3620'.	
11/21	3633	9.0	44	13	13	18/34	11.0	12.0	1		4500	40		4.7		95.3				Circ to condition mud.		
	3633	8.9	49				11.0	10.4	1		3500	40		4.0		96.0					Circ to condition mud.	
	3660	8.8	53	11	26	27/46	11.5	9.2	1		7000	40		3.1		96.9					Circ after DST #5	
11/22	3698	8.8	53	15	19	27/46	11.0	8.8	1		6300	40		3.1		96.9					Drig., DST #6 - 3687'.	
11/23	3850	8.8	58	17	21	28/47	10.5	8.8	2		7200	50		3.0		97.0					Trip out for logs	
																						Final, log OK
																						Ran production casing
																						Reserve pit: 16,000 ppm chloirdes
																						1,000 bbls volume

RECEIVED
 AMOUNT
 KANSAS CORPORATION COMMISSION
 JAN 31 2003

CONSERVATION DIVISION
 WIC A K

MUD-CO / SERVICE MUD INC
 100 S. Main Suite #405
 Wichita, Ks. 67202
 316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

MATERIALS	AMOUNT	MATERIALS	SACKS	AMOUNT	MATERIALS	SACKS	AMOUNT
C/S Halls	20						
Caustic Soda	22						
Drill Pak	6						
Lime	5						
Premium Gel	500						
Salt Clay	15						
Soda Ash	22						
Starch	70						
Super Lig	19						
				Total Mud Cost			
				Trucking Cost			
				Trucking surcharge			
				Taxes			
				TOTAL COST			

ORIGINAL