

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

Form ACO-1
 September 1999
 Form Must Be Typed

ORIGINAL

Operator: License # 5056
 Name: F.G. Holl Company, L.L.C.
 Address: 9431 East Central, Suite #100
 City/State/Zip: Wichita, Kansas 67206-2543
 Purchaser: NCRA
 Operator Contact Person: Franklin R. Greenbaum
 Phone: (316) 684-8481
 Contractor: Name: Duke Drilling Company, Rig #8
 License: 5929
 Wellsite Geologist: James C. Musgrove
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)
 If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>08/25/2004</u>	<u>09/06/2004</u>	<u>10/08/2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

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API No. 15 - 009-24,803-0000
 County: Barton. 80' S. & 80' E. of
NW - NW SE NW Sec. 34S Twp. 20 S. R. 14 East West
1400' feet from S / (N) (circle one) Line of Section
1400' feet from E / (W) (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE SE NW SW
 Lease Name: COTTER Well #: 1-34
 Field Name: W.C. Pritchard Abandoned
 Producing Formation: Lansing Kansas City
 Elevation: Ground: 1905' Kelly Bushing: 1914'
 Total Depth: 3700' Plug Back Total Depth: 3640'
 Amount of Surface Pipe Set and Cemented at 834 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.
ALTI WHM B-18-06
Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content 17,000 ppm Fluid volume 1,000 bbls
 Dewatering method used Hauled free fluids to SWD
 Location of fluid disposal if hauled offsite:
 Operator Name: John J. Darrah
 Lease Name: ANSHUTZ-15 SWD License No.: 5088
 Quarter NE Sec. 15 Twp. 21 S. R. 14 East West
 County: Stafford Docket No.: D-17,893

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: Franklin R. Greenbaum
 Title: Exploration Manager Date: 11/12/2004
 Subscribed and sworn to before me this 12th day of November, 2004.
19 Betty H. Spotswood
 Notary Public: Betty H. Spotswood
 Date Commission Expires: 04/30/2006

KCC Office Use ONLY
DENY Letter of Confidentiality Attached
 If Denied, Yes Date: 12-28-04 DPW
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Notary Public - State of Kansas
BETTY H. SPOTSWOOD
 My Appointment Expires 4/30/2006

Operator Name: F.G. Holl Company, L.L.C. Lease Name: COTTER Well #: 1-34
 Sec. 34S Twp. 20 S. R. 14 East West County: Barton. 80' S. & 80' E. 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets) Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input 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 (Submit Copy) List All E. Logs Run: DIL/MIL/BCSL/DCPML SCBL	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attachment
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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"	28#	834'	A-Con	335sx	2% gel, gilsonite, 3% CC
Production	7-7/8"	5-1/2"		3702'	50/50 Comm	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 checked="" type="checkbox"/> Plug Off Zone	3364' - 68'	Common	50 sx	750 gal Diesel fuel.

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 JSPF	3321'-3325' Kansas City "B" zone	Treat perfs with 500 gal 15% ne acid.	
4 JSPF	3364'-3368' Kansas City "F" zone	" "	
	Reperf. 3364' - 3368' LKC	Treat with 500 gal 15% ne acid.	
		Acidized with 500 gal 15% ne acid.	

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>3625'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>October 14, 2004</u>			Producing Method <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. <u>18</u>	Gas Mcf	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 3321'-3368' OA LKC

**DAILY DRILLING REPORT – COTTER NO. 1-34
Barton County, Kansas**

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Formation	Sample Tops	Datum	E-Log Tops	Datum
Anhydrite	822	+1092	821	+1093
Herington	1764	+150	1766	+148
Winfield	1820	+94	1824	+90
Towanda	1884	+30	1891	+23
Ft. Riley	1925	-11	1929	-15
Council Grov	2093	-179	2094	-180
Neva	2266	-352	2270	-356
Red Eagle	2324	-410	2330	-416
Admire	2433	-519	2434	-520
Wabausee	2503	-589	2505	-591
Stotler	2631	-717	2633	-719
Tarkio	2675	-761	2676	-762
Howard	2831	-917	2835	-921
Topeka				
Heebner	3179	-1265	3180	-1266
Toronto	3196	-1282	3194	-1280
Douglas Sh.	3212	-1298	3213	-1299
Douglas Sand	3222	-1308	3226	-1312
Brown Lime	3283	-1369	3284	-1370
LKC	3294	-1380	3294	-1380
BKC	3524	-1610	3526	-1612
Simpson Ss.	3535	-1621	3538	-1624
Arbuckle	3570	-1656	3574	-1660
RTD			3700	-1786
LTD			3703	-1789



TREATMENT REPORT

Customer ID			Date		
Customer FG Holl			9-6-04		
Lease Cotter			Lease No.	Well # 1-34	
Field Order # 8176	Station Pratt KS	Casing 5 1/2	Depth 3691	County Barton	State KS
Type Job Longstring New well			Formation	Legal Description 34-20s-14w	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft 1.77²³	13.0 ppg	Acid A-Serv Lite 50sk'	RATE	PRESS 1500	ISIP	
Depth 3658	Depth PRTD	From 1.50²³	To 13.8 ppg	Pre Pad 50-50 2oz	Max		5 Min.	
Volume 89.2	Volume	From	To	Pad Both Blends Holl	Min		10 Min.	
Max Press 1500	Max Press	From	To	Frac 20 Bbli Salt, 12 Bbli	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To	Flush 12 Bbli Superflwh	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume		Total Load	

Customer Representative Rob Hong	Station Manager Dave Autry	Treater D. Scott
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1200					On hoc w/FE Trki on loc 1600hr safety mtg
					Cont 2-3-4-5-6-7-8-9-10-11 Basket 4th JF
					G.S. Bottom ISFV w/Fill Top S.J.
					Csg on Bottom Drop Ball + Circ 2 hrs w/Rig
1958	200		20	5	St Salt flush
2002	200		12	5	St mud flush
2004	200		5	5	H2O Spacer
2005	200		12	5	St Super flush
2008	200		3	5	H2O Spacer
2009	220		7.5	4 1/2	mix lead cont @ 13.0 ppg 25ski lite
2012	175		40	4.0	mix Tail cont @ 13.8 ppg 150 ski
2021	⊖		10	5	Close In + wash Pump + line
2023	100			7	Release Plug + St Disp w/H2O
2032	300		62	7	lifting cont 62 Bbli Disp out
2036	1200		89.2	⊖	Plug Down + psi Test Csg
2038	⊖				Release psi float held
					Rotated Csg Thru Job
					Good Circ
					Plug R.H. + M.H. w/25ski lite
					Job Complete Thank you
					Scotty.

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SALES OFFICE:
 100 S. Main
 Suite #607
 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
 (620) 672-1201
 (620) 672-5383 FAX

SALES & SERVICE OFFICE:
 1700 S. Country Estates Rd.
 P.O. Box 129
 Liberal, KS 67905-0129
 (620) 624-2277
 (620) 624-2280 FAX

COPY

Invoice

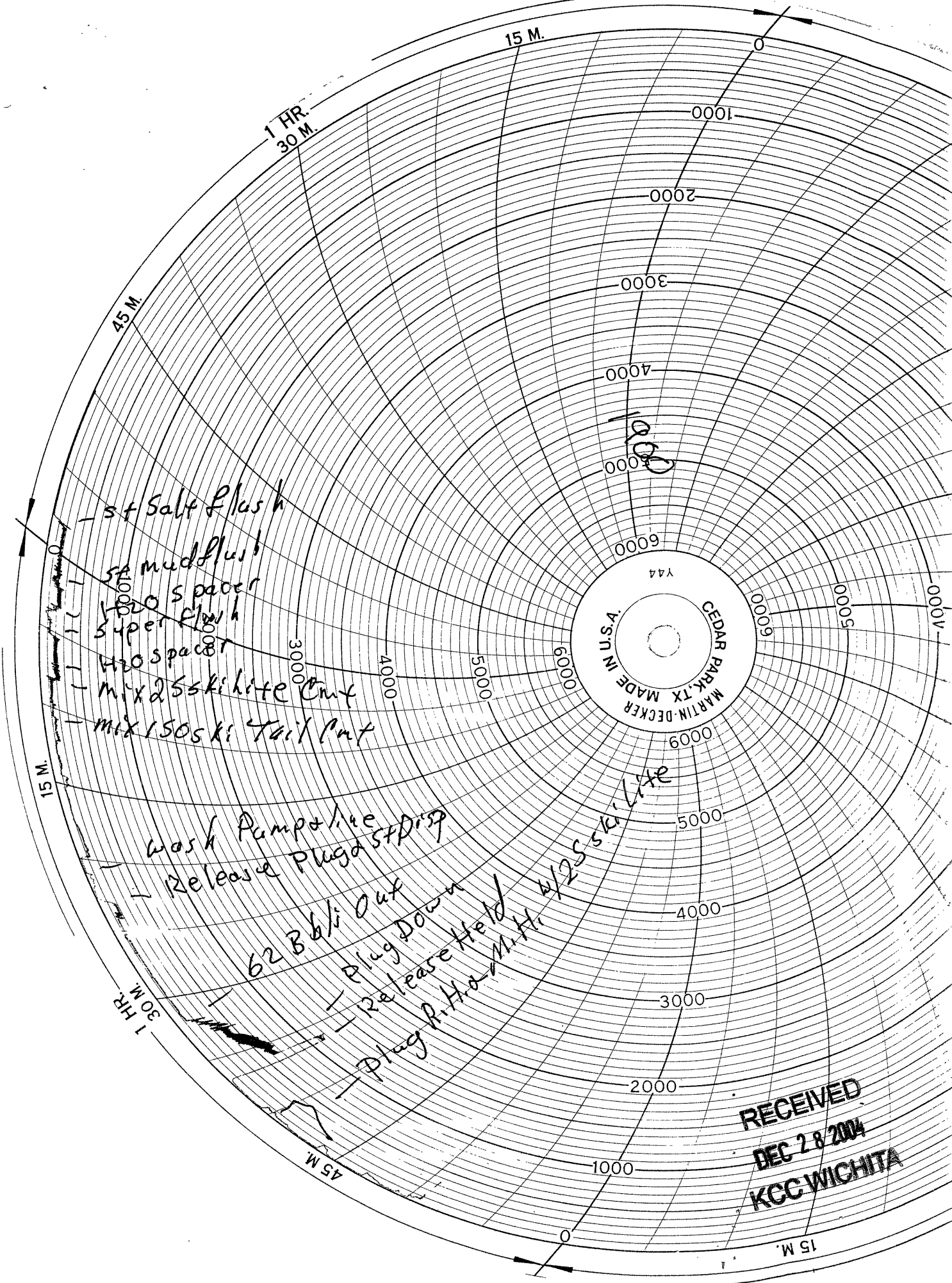
Bill to:		3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519			409012	9/9/04	8176	9/6/04
Service Description						
Cement						
					Lease	Well
					Cotter	1-34
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	R. Long	D. Scott	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	50/50 POZ (COMMON)	SK	150		
D206	A-SERV LITE (COMMOM)	SK	50		
C195	FLA-322	LB	163		
C194	CELLFLAKE	LB	43		
C243	DEFOAMER	LB	18		
C310	CALCIUM CHLORIDE	LBS	256		
C311	CAL SET	LBS	758		
C321	GILSONITE	LB	1710		
C320	CEMENT GELL	LB	256		
C221	SALT (Fine)	GAL	400		
C302	MUD FLUSH	GAL	500		
C303	SUPER FLUSH	GAL	500		
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1		
F143	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1		
F191	GUIDE SHOE-REGULAR, 5 1/2"	EA	1		
F111	CENTRALIZER 5 1/2" X 7 7/8"	EA	10		
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	50		
F121	BASKET, 5 1/2"	EA	1		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E107	CEMENT SERVICE CHARGE	SK	200		
R701	CEMENT HEAD RENTAL	EA	1		
R702	CASING SWIVEL RENTAL	EA	1		
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	45		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	385		

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



st Salt flush
 SA mud flush
 100 spacer
 Super flush
 100 spacer
 mix 25% k-lite Cmt
 mix 150% k-lite Tail Cmt

Wash Pump & line
 Release Plug & Disp

62 B b/l Out
 Plug Down
 Release Held
 Plug P. Ho. Mitt.

1/2 25% k-lite

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TREATMENT REPORT



Customer ID		Date	
Customer FG Holl		8-26-04	
Lease Cotter		Lease No.	Well # 1-34
Field Order # 8738	Station Pratt KS	Casing 8 5/8	Depth 834
		County Barton	State KS

Type Job: **Surface New well** Formation: _____ Legal Description: **34-20s-14w**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft 2.36 2+3	12.0 ppg	Acid 210ski-con 3%cc 1/4 CF	RATE	PRESS 500	ISIP	
Depth 820	Depth	From 1.36	To 15.0 ppg	Pre Pad 125ski std 210cc 3%cc 1/4 CF	Max		5 Min.	
Volume 57	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush H2O	Gas Volume		Total Load	

Customer Representative Steve Stephens	Station Manager Dave Autry	Treater D. Scott
Service Units 118	80	57
81	76	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0930					On hoc w/Trki Safety mtg
1030	200			5.0	Csg on Bottom Break Circ w/Rig
1049	150		95.7	5.0	St mixing head Cmt @ 12.0 ppg 210ski
1054	200		30.2	5.0	St mixing Tail Cmt @ 16.0 ppg 125ski
1106	0			0	Close In & Release Plug
1115	220			0	St Disp w/H2O
			51		Disp In & Close In w.H.
					Circ 15 Bbli Cmt = 32 ski
					Jet Cellar after 30 min

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Job Complete Thank you Scotty



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 P.O. Box 129
 Liberal, KS 67905-0129
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Invoice

Bill to:			3678275	Invoice	Invoice Date	Order	Order Date
F G HOLL P O BOX 158 BELPRE, KS 67519				408122	8/31/04	8758	8/26/04
Service Description							
Cement							
Lease						Well	
Cotter						1-34	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	S. Stephens	D. Scott	New Well		Net 30		

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	210		
D200	COMMON	SK	125		
C310	CALCIUM CHLORIDE	LBS	948		
C194	CELLFLAKE	LB	79		
C320	CEMENT GELL	LB	236		
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45		
E107	CEMENT SERVICE CHARGE	SK	335		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	711		
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1		
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	45		
R701	CEMENT HEAD RENTAL	EA	1		

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Sub Total:

Discount:

Discount Sub Total:

Barton County & State Tax Rate: 6.55% **Taxes:**

(T) Taxable Item

Total:

PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.