

Operator Name: Hupfer Operating, Inc. Lease Name: Bitter Well #: 1
 Sec. 5 Twp. 16 S. R. 13 East West County: Barton

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: Gamma Ray Neutron Bond

Log Name	Formation (Top), Depth and Datum	Sample Datum
Anhydrite	Top 880	+1040
Heebner	3022	-1102
Toronto	3038	-1118
Douglas	3054	-1134
Lansing	3095	-1175
Base KC	3332	-1412
Arbuckle	3348	-1428
RTD	3405	-1485

(See attached for DST's)

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4	8-5/8	20	465	60/40 Poz	325	2% gel 3%cc
Production	7-7/8	5 1/4	14	3398	50/50 Poz	150	10% salt, .3% CFR, 5 sxs. Gibsonite

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	3354 to 3355	None - natural		3355

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-7/8	3332		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

Date of First, Resumed Production, SWD or Enhr.	Producing Method			
April 3, 07	Flowing <input type="checkbox"/>	<input checked="" type="checkbox"/> Pumping	Gas Lift <input type="checkbox"/>	Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	20		400		38

Disposition of Gas: Vented Sold Used on Lease Shut In Open Hole Perforated Dually Comp. Commingled _____

METHOD OF COMPLETION: _____

Production Interval: Arbuckle 3354 to 3355

(If vented, Sumit ACO-18.)

HUPFER OPERATING, INC.

Bitter #1

SW/4 Sec 5-16-13W, Barton Co.

DST's & Completion

DST #1: Lansing - 3108 to 3131ft. 30-30-30-45. Recovered 310' formation water. ISIP 461, FSIP 465, IFP 38-146, FFP 150-177.

DST #2: Arbuckle - 3302 to 3356 ft. 20-30-25-30. Recovered 180 GIP, 520 gas & mud cut watery oil, 800' heavy oil & gas cut muddy water, 490' SOCW. ISIP 1109, FSIP 1109, IFP 166-633, FFP 634-947.

Completion: Perforated Arbuckle (4) holes per foot 3354' to 3355'. Swab 35 BFPH @ 28% oil - natural - Ran tubing & rods.

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Pratt

B HUPFER OPERATING INC.
I PO BOX 216
L
L
T HAYS KS 67601
O ATTN:

J LEASE NAME BITTER
O WELL NO. 1
B COUNTY BARTON
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pipe
T JOB CONTACT
E

PAGE 1 of 1	CUST NO 1970-HUP001	INVOICE DATE 03/27/2007
INVOICE NUMBER 1970000042		

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
1970-00047	301		Net 30 DAYS	04/26/2007
For Service Dates: 03/10/2007 to 03/10/2007				
1970-00047				
1970-15701 Cement-New Well Casing 3/10/07				
Pump Charge-Hourly	1.00	Hour	1596.000	1,596.00
Cement Float Equipment	1.00	EA	1344.650	1,344.65
Mileage	1.00	DH	1822.500	1,822.50
Miscellaneous	1.00	EA	250.000	250.00
CEMENT HEAD RENTAL				
Pickup	1.00	Hour	210.000	210.00
Additives	1.00	EA	1343.060	1,343.06 T
Cement	1.00	EA	1754.250	1,754.25 T

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PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP PO BOX 10460 MIDLAND, TX 79702	BID DISCOUNT SUBTOTAL TAX INVOICE TOTAL	-1,348.07 6,972.39 170.00 7,142.39
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W/4-3N-3/4W-N INTO



FIELD ORDER 15701

Subject to Correction

Lease	BITTER		Well #	1	Legal	5-16-13	
County	BARTON		State	KS.	Station	PRATT, KS	
Depth		Formation			Shoe Joint	21	
Casing	5 1/2	Casing Depth	3398	TD	3405	JOB TYPE LONGSTRONG-NW	
Customer Representative	D. HUFFER		Treater	GORDLEY			

AFE Number _____ PO Number _____ Materials Received by **X** *[Signature]*

Station Code	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
P	D204	150SK	50/50 P02		
P	D203	25SK	60/40 P02		
P	C221	725lb.	SACT		
P	C244	39lb.	CFR		
P	C321	743lb.	GILSONITE		
P	C302	500gal.	MUD FLUSH		
P	F101	5 EA.	5 1/2 TURBO LIZER		
P	F143	1 EA.	5 1/2 TOP RUBBER PLUG		
P	F191	1 EA.	5 1/2 GUIDE SHOE		
P	F231	1 EA.	5 1/2 INSERT FLOAT		
P	F121	2 EA.	5 1/2 BASKET		
P	E100	140 mile	TRUCK MILEAGE		
P	E101	70 mile	PICKUP MILEAGE		
P	E104	525 TM	BULK DELIVERY		
P	E107	175 SK	CEMENT SERVICE CHARGE		
P	R207	1 EA.	PUMP CHARGE		
P	R701	1 EA.	CEMENT HEAD		

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Customer: **HUTPER OPER. INC.** Lease No. _____ Date: **3-10-07**
 Lease: **BITTER** Well # **1**
 Field Order # **15701** Station **PRATT, KS.** Casing **5 1/2** Depth **3398** County **BARTON** State **Ks.**
 Type Job **LONGSTRENGTH-NW** Formation **TD-3405** Legal Description **5-16-13**

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
5 1/2				Pre Pad	Max		5 Min.
Depth 3398	Depth	From	To	Pad	Min		10 Min.
Volume	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth 3377	Packer Depth	From	To				

Customer Representative: **HUTPER** Station Manager: **SCOTT** Treater: **GORDLEY**

Service Units	19907	19841	19831	19862				
Driver Names	KG	ROSE	MANUAL					

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
0000					ON LOCATION RUN 3398' 5 1/2 OSG. 80 Jt. GUIDESTOE INSERT FLOAT CEMENT - 2-4-6-8-10 BASILET - 3-9 THE BOTTOM - DROP BALL - CIRC.
0200	200		12	5	RUN P. 12 bbl MUD FLUSH
	200		5	5	PUMP 5 bbl H ₂ O
	200		36	5	MIX 150 SL. 50/50 POZ 3% CFR, 10% SACT, 5# GELSONITE STP - WASH LINE - DROP PLUG
	0		0	7	START DISP.
	200		60	7	LEFT CEMENT
	500		75	4	SLOW RATE.
0230	1000		82.3	3	PLUG DOWN - HEAD
					RECEIVED KANSAS CORPORATION COMMISSION MAY 23 2007 CONSERVATION DIVISION WICHITA, KS
0300					PLUG RH + MH - 25 SL. 60/40 POZ JOB COMPLETE THANKS - KEVIN



SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita, Ks. 67202
 316-262-3699
 316-262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE. Hwy 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

Invoice

Bill to: 3758600 Hupfer Operating, Inc. P.O. Box 216 Hays, KS 67601-0216	Invoice	Invoice Date	Order	Station
	703012	03/03/07	15717	Pratt
	Service Description			
	Cement			
	Lease	Well	Well Type	
Bitter	1	New Well		
AFE	PO	Terms		
		Net 30		
CustomerRep	Treater			
	Mike McGuire			

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D203	60/40 POZ	SK	325	\$10.71	\$3,480.75 (T)
C310	CALCIUM CHLORIDE	LBS	840	\$1.00	\$840.00 (T)
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$88.90	\$88.90 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	140	\$5.00	\$700.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	70	\$3.00	\$210.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	980	\$1.60	\$1,568.00
E107	CEMENT SERVICE CHARGE	SK	325	\$1.50	\$487.50
R201	CASING CEMENT PUMPER, 301-500' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

Sub Total: \$8,549.15
Discount: \$1,367.86
Discount Sub Total: \$7,181.29
Barton County & State Tax Rate: 6.55% Taxes: \$242.62
(T) Taxable Item Total: \$7,423.91

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

Accounts are past due net 30 days following the date of invoice. Finance charge of 1 1/2% per month or 18% annual percentage rate will be charged on all past due accounts. Customer agrees not to withhold payment of any Invoice, or assert any right of offset, recoupment or any other defense to payment of any Invoice, on account of any right that you may now or hereafter have to payment from us, except for claims arising out of such Invoice because of defects in the specific services described in such Invoice. Additionally, you hereby waive any right that you may have under any state, federal or other law to assert



FIELD ORDER 15717

Subject to Correction

Lease	BITTEL	Well #	1	Legal	5-165-134
Customer ID	3-07	County	BARTON	State	KS
Station	PRATT		Depth	Formation	Shoe Joint
Casing	8 5/8	Casing Depth	465	TD	467
Job Type	SURFACE 8 5/8 New				
Customer Representative			Treater	M M'WIRE	

Number	PO Number	Materials Received by	X K.L. Thompson
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Quantity	Product Code	QUANTITY	MATERIALS, EQUIPMENT, and SERVICES USED	UNIT PRICE	AMOUNT
	D203	325SK	60/40 90Z		
	E310	840lb	CALCIUM CHLORIDE		
	F163	1	WOODEN PULP 8 5/8"		
	E100	140mi	HEAVY VEHICLE MILEAGE		
	E101	70mi	PULP MILEAGE		
	E104	980mi	PROPAGANT & BULK DELIVERY		
	E107	325SK	CEMENT SERVICE CHARGE		
	R201	1	CASING CEMENT PUMPER 301-500'		
	R201	1	CEMENT HEAD RENTAL		
DISCOUNTED PRICE + TAX'S					\$ 7181.29

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Customer: **HUFFER** Lease No. _____ Date: **3-3-07**
 Lease: **BITTER** Well # **1**
 Field Order # **15117** Station **QRA77** Casing **8 5/8** Depth _____ County **BARTON** State **KS**
 Type Job **SURFACE 8 5/8" NEW WELL** Formation _____ Legal Description **5 1/4 S-13W**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME			
Casing Size	Tubing Size	Shots/Ft.	From	To	Acid	Prepad	Rate	Press	ISIP
8 5/8		57	125	142	325 SKS 60/40 P02	270 BORTONITE 62L			5 Min.
4 1/2									10 Min.
27.5					3% CALCIUM LIGNATE				15 Min.
									Annulus Pressure
									Total Load

Well Connection **PLUG UP** Annulus Vol. _____ From _____ To _____ HHP Used _____
 Pkg Depth **455** Packer Depth _____ From _____ To _____ Flush **H2O** Gas Volume _____
 Customer Representative _____ Station Manager **D. Scott** Treater **M. Mearc**

Service Units	Driver Names
131	M. Mearc
226	J. Anthony
303	RAFAEL
571	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0915					ON LOCATION / SAFETY ETC
1215					CASING IN CIRCULATION W/ RIL
1225					HOOK UP TO 8 5/8" CASING
1230					START H2O AHEAD TO CIRCULATE
			3		CIRCULATION GOOD
1231	100		74²	5.6	MIX 325 SKS 60/40 P02 @ 14⁶²
1248			74²		SHUT DOWN / RELEASE PLUG
1249				5.5	START DISPLACEMENT
	200				CIRCULATION TO PIT THRU JOB
1252	200		20	5.5	CEMENT TO PIT
					DISPLACED PLUG TO +-455'
1254			29		SHUT DOWN
1255	200				SHUT CASING IN

JOB COMPLETE

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