

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1094036

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31106	API No. 15 - 15-125-32259-00-00
Name: Harper, Jay dba Harper Oil Co.	Spot Description:
Address 1: 1599 E 5200 ST	SW_SE_SW_SE_Sec. 34 Twp. 32 S. R. 15 F East West
Address 2:	
City: CHERRYVALE State: KS Zip: 67335 + 3611	1933 Feet from 🗹 East / 🗌 West Line of Section
Contact Person: Jay Harper	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 331-9738	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License # 5675	County: Montgomery
Name: McPherson, Ron dba McPherson Drilling	Lease Name: Bredehoft Well #: 101
Wellsite Geologist: Julie Shaffer	Field Name: Jefferson-Sycamore
Purchaser: CRCT	Producing Formation: Bartlesville
Designate Type of Completion:	Elevation: Ground: 779 Kelly Bushing: 783
✓ New Well Re-Entry Workover	Total Depth: 1117 Plug Back Total Depth: 1117
☑ oii ☐ wsw ☐ swb ☐ stow	Amount of Surface Pipe Set and Cemented at: 20 Feet
☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Multiple Stage Cementing Collar Used? Yes INo
☐ OG ☐ GSW ☐ Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to: 20 w/ 5 sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Flyid Management Plan
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: 0 ppm Fluid volume: 30 bbls
☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD	Dewatering method used: Hauled to Disposal
Conv. to GSW	Dewatering metrod used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:Jay Harper dba Harper Oil Co
Dual Completion Permit #:	Lease Name: Moreland License #: 31106
SWD Permit #:	Quarter NW Sec. 3 Twp. 33 S. R. 15 Fast West
ENHR Permit #:	· · · · · · · · · · · · · · · · · · ·
GSW Permit #:	County: Montgomery Permit #: E23577
<u>07/25/2012</u> <u>07/26/2012</u> <u>07/27/2012</u>	
Spud Date or Pate Reached TD Completion Date or Recompletion Date Completion Date	

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY							
Letter of Confidentiality Received							
Date:							
Confidential Release Date:							
Wireline Log Received							
Geologist Report Received							
UIC Distribution							
ALT I I II Approved by: Downs Gentson Date: 09/21/2012							

Side Two



Operator Name: Har	Lease	Name: _	Bredehoft	 	Well #: 10	1				
Sec. 34 Twp.32	Count	y: Mont	gomery				 			
time tool open and clos	sed, flowing and shutes if gas to surface tes	base of formations per in pressures, whether s t, along with final chart(well site report.	shut-in pres	ssure read	ched static level,	hydrostatic press	ures, bottom h	ole temp	erature, fluid	
Drill Stem Tests Taken (Attach Additional S		☐ Yes 🗸 No	·	□ Lo	og Formation	n (Top), Depth an	d Datum	√ \$	Sample	
Samples Sent to Geole	•	☐ Yes 🗸 No		Nam			Тор		Datum	
Cores Taken	ogical oursey	Yes No		Pawne	e	628				
Electric Log Run		✓ Yes □ No		Peru			656		Sand	
Electric Log Submitted	•	✓ Yes ☐ No		Oswe			724		LS	
(If no, Submit Copy))			Bevier			813 Coal 963 Coal			
List All E. Logs Run:				Weir	***		963			
Attached				Bartle	sville		1038	58	and	
		CASING Report all strings set-	RECORD	✓ Ne	_	on etc	··· · · · · · · · · · · · · · · · · ·			
Burnona of String	Size Hole	Size Casing		ight	Setting	Type of	# Sacks	Type a	and Percent	
Purpose of String	Drilled	Set (In O.D.)	Lbs.	. ľ Ft.	Depth	Cement	Used	A A	dditives	
Surface	11	8.625	20		20	portland	4			
Production	6.75	4.5	10.5		1096	Thick set	110	Phenoseal 40#bag		
L		ADDITIONAL	L CEMENT	ING / SQL	JEEZE RECORD		<u> </u>	<u> </u>		
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sack	s Used	Type and Percent Additives					
Protect Casing Plug Back TD	-								· · · · · · · · · · · · · · · · · · ·	
Plug Off Zone	-									
Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Specify Footage of Each Interval Perforated (Amount end Kind of Meterial Used) Dep								Danah		
Specify Footage of Each Interval Performance 2 1080-1084					[0]	noon and kind of Ma	ienai Useu)		Depth	
	Bridge plug								1074	
1	1044-1054							·		
	Frac				7000# sand					
TUBING RECORD:	Size:	Set At: 1045	Packer	At:	Liner Run:	Yes 🗸 No				
Date of First, Resumed 09/15/2012	Production, SWD or EN	HR. Producing Met	hod:	ing []	Gas Lift 🔲 C	other (Explain)				
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Wat	er B! 35	bis. (Sas-Oil Ratio		Gravity 29	
DISPOSITIO	ON OF GAS:		METHOD O	E COMPLI	TION:		PRODUCTION	ON INTER	/ΔΙ ·	
Vented Sold		I	Perf.	F COMPLETION: PRODUCTION INTERVAL: Dually Comp. Commingled 1044-1054				Vr.L.		
(If vented, Sub		Other (Specify)		(Submit		nit ACO-4)			· · · · · · · · · · · · · · · · · · ·	

Form	ACO1 - Well Completion
Operator	Harper, Jay dba Harper Oil Co.
Well Name	Bredehoft 101
Doc ID	1094036

All Electric Logs Run

D. al. land setting	
Dual Induction	
Compensated Density	
Differential temperature	
Gamma Ray Nuetron	

#251629

COMMOUNTED

2550000423

CEMENT FIELD TICKET AND TREATMENT REPORT

tob Type Austomer Acct if Vali No. Nating Address ity & State ip Code ontact mail eli ispatch Location ode 5401 5408	Harper Oil (H&H Development LLC) 4 1/2" Prod. Bredehoft #101 156 N. Market, Suite 500 Wichita, Ks. 67202	State, County Section TWP RGE Formation	Montgomery, Kensas 34 32 15	Excess (%) Density	<u> </u>	CLASS A
Well No. Initing Address ity & State pp Code ontact meil eli ispatch Location ode 5401	Bredehoft #101 155 N. Market, Suite 500	TWP RGE	32	Density	<u> </u>	
teiting Address ity & Starte ip Code ontact meil edi ispatch Location ode 5401	Bredehoft #101 155 N. Market, Suite 500	RGE		Density		13 7
ity 8 State p Code protect meil spatch Location ode 5401						13.7
p Code pritect meil bil spetch Location pde 5401				Water Required		8.5
ontect meil bil spetch Location bile 5401		Hole Size	·	Yeild		1.75
meil spetch Location bete 5401		Hole Depth	6 3/4"	Sturry Weight		-
edi epetch Location ode (Casing Stree	1100	Sturry Volume		34 BBL
speich Location ode 5401		Cessing Stree	4 1/2" 9.5#	Displacement		17.8 88L
5401		Casing Depth	1096'	Displacement PSI		800
5401	BARTLESVILLE	Drill Pipe		MIX PSI	1	200
3401	Coment Pump Charges and Mileage	Tubing		Rate		3
	Administration of the property	Occupator	Unit	Price per Unit		
	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,030.00	- - - 	
5407	EQUIPMENT MILEAGE (ONE-WAY) MIN. BULK DELIVERY (WITHIN 50 MILES)	39	PER MILE	\$4.00	 	1,030
0	MAY BOLK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$350.00	- 3	156
0			0	\$0.00	 	350
Ö			0	\$0.00	1:	
Ö			0	\$0.00	┪-	
0			0	\$0.00	1:	
	FOOTAGE		0	\$0.00	\$	
	FOOTAGE	1,096	PER FOOT	0.22	1:	
				EQUIPMENT TOTAL	/}- -	241
1128A	ament, Chemicals and Water	I	<u></u>	- ADM WENT TOTAL	≒•	1,777.
1107A	THICK SET CEMENT (BLB OWC 4% GET, 2% CAL CLORIDE	110	0			
T IV/A	PHENOSEAL	80		\$19.20	-	2,112
11188	PREMIUM GELBENTONITE (500)	150		\$1,29	1.5	103.
1123	CITY WATER (PER 1000 GAL)	B		\$0.21	18	31.
0		· · · · · · · · · · · · · · · · · · ·	0	\$18.54	8	99
0				\$0.00	8	
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			0	\$0.00	\$	
W	leter Transport			CHEMICAL TOTAL	. \$	2345
5501C	WATER TRANSPORT (CEMENT)		<u> </u>			——— / *
0	OKT (OCHER)	4	TER TRANSPORT (CEME	\$112.00	\$	448,0
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	Charles England - A 754 Value		T	CANSPORT TOTAL	1	448.0
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	on and Ref Senters		0	\$0.00	<u> </u>	<u>:</u>
4404		sites.			Viet in	1.5
	F 1/2" RUBBER PLUG	1	PER UNIT		\$	45.00
0	The IVO	1.46	GARE THE TOTAL THE STATE OF THE		<u>-z</u>	9.00 9.00 (2.00 cm)
 			0 -	80 00	•	- 1
	DRIVER NAME		CEMENT FLOATING EX	JIPMENT TOTAL	-	45.00
18T-133	Своеу Магть			SUB TOTAL T	_	17, 16 F
538	Allron Smith		6.30%	SALES TAX	25 100	-10. H
677	Chancey Williams		10%	TOTAL	\$	4114.49
			· · ·	(-DISCOUNT)		U.S
			DISCO	UNTED TOTAL	\$	4,289.80
				L		
┈┈┈┈	1 1/					
	MOD HAND					
AUTHOREZATION	<u> </u>	TITLE				

LACEMONTEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY ANDRODED IN WARTING ON THE PRIORIT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.



PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

15Twell

FICKET NUMBER 53913

FIELD TICKET REF#

LOCATION Theyer

FOREMAN Front Tunkel

TREATMENT REPORT

DATE CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY	
2-29-12	Brede	hofe 4	101				MG	
CUSTOMER		· · · · · · · · · · · · · · · · · · ·					7.77	
.H+H 1)evel	opmen	†		TRUCK#	DRIVER	TRUCK#	DRIVER	
MAILING ADDRESS	1	•		476	Josh		· · · · ·	
		•		490	Donnie			
CITY	STATE	ZIP CODE		475	Mack	·		
				618T95	Jay			
				679TID2	Junior			
WELLI			_					
CASING SIZE 4/12	TOTAL DEPTH				TYPE OF TR			
CASING WEIGHT	PLUG DEPTH				fink fee	<u>C.,</u>		
TUBING SIZE	PACKER DEPTH	··		· · · · · · · · · · · · · · · · · · ·	CHEMI			
TUBING WEIGHT	OPEN HOLE		_	KCLSUB.		Breake		
PERFS & FORMATION	 		_	X-linke		GB102		
1044-54(11)	Partle	ville		CL148		ļ · · · •		
	<u> </u>						· · ·	
	. 20116	INJ RATE	PROPPANT	SAND / STAGE	PSI			
STAGE 9.5	· BBL'S	IND ROLLE	PROPPANT	SAND/STAGE	P31			
PAD lood in	760	2612.	5		1025	BREAKDOWN	MA	
16-30			5.50	1004	1025	START PRESSU	ŔE	
12-20		12.5	,50	7004	1050	END PRESSURE		
12.20	105		1.0		1000	BALL OFF PRES	S	
12.20			40	1700#	900	ROCK SALT PRE	SS	
12-20	145		20		925	isip 675	<u> </u>	
12-20			2.0	3,000	925	8MIN 550	<u>) · </u>	
12.20	180		3.0	L .		10 MIN 520	2 🔻	
12-20			20	1,500#	<i>52</i> :5_	15 MIN 500	<u> </u>	
Clecin	196	V			<u> </u>	·		
		12.5	TOTAL	7,000	<u> </u>			
FLUSH CASING	18	12.5	ZVIVD		970	DISPLACEMENT	16.75	
OVERFLUSH	/						· · · · ·	
TOTAL PRIS	214							
REMARKS: hold	softy-no	oceduce	mectin	a before	Cac			
//	/ /			<i>J</i>				
Adjust PH in ci	ty water	- 5-7	range	mix 50	moles tu	insuce A	-linker	
blend pruper 1	bland)	c-link	OTFU S	- high po	recitage	bregker		
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		OUPIN					/	
Jucation 3:008	·		25: mil	<u> </u>				
AUTHORIZATION J	TITLE	· · · · · ·		DATE 8-29-12				
Terms and Conditions are p	orinted on rev	erse side.			•			