

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 30380
Name: Hupfer Operating, Inc.
Address: P.O. Box 216
City/State/Zip: Hays, KS 67601
Purchaser: NCRA
Operator Contact Person: Dennis D. Hupfer
Phone: (785) 628-8666
Contractor: Name: Sterling Drilling Co.
License: 5142
Wellsite Geologist: Josh Austin

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: _____
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. _____

11-14-08 11-19-08 12-14-08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 159-22590-0000
County: Rice
~~Q1~~ S2SW SW Sec. 28 Twp. 19 S. R. 10 East West
330 feet from S N (circle one) Line of Section
4620 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Heine Well #: 2
Field Name: Chase-Silica
Producing Formation: Lansing
Elevation: Ground: 1773 Kelly Bushing: 1782
Total Depth: 3314 Plug Back Total Depth: 3280
Amount of Surface Pipe Set and Cemented at 284 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 284
feet depth to surface w/ 225 sx cmt.

Drilling Fluid Management Plan Alt I Nov 3-6-09
(Data must be collected from the Reserve Pit)

Chloride content 4000 ppm Fluid volume 500 bbls
Dewatering method used Hauled off clean fluids & mud.
to Haul off pit below.
Location of fluid disposal if hauled offsite:

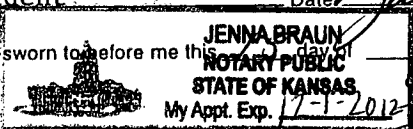
Operator Name: Hupfer Operating, Inc.
Lease Name: Ringwald License No.: 30380
Quarter NE Sec. 32 Twp. 19 S. R. 10 East West
County: Rice Docket No.: _____
Haul off pit

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: Dennis D. Hupfer
Dennis D. Hupfer
Title: President Date: Jan 15 09

Subscribed and sworn to before me this 2009 day of Jan
2009
Notary Public: Jenna Braun
Date Commission Expires: 12-1-2012



KCC Office Use ONLY

N Letter of Confidentiality Attached
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 20 2009

ORIGINAL

Side Two

Operator Name: Hupfer Operating, Inc. Lease Name: Heine Well #: 2
Sec. 28 Twp. 19 S. R. 10 East West County: Rice

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

Log	Formation (Top), Depth and Datum	Sample
Name	Top	Datum
Heebner	2836	-1054
Toronto	2858	-1076
Douglas	2868	-1086
Brown Lime	2954	-1172
Lansing	2981	-1199
Base KC	3247	-1465
Arbuckle	3310	-1528
RTD	3314	-1532

CASING RECORD							
				New	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 1/2	8-5/8	20	284	Common	225	2% gel, 3% cc 10% salt
Production	7-7/8	5 1/2	14	3312	50-50 Poz	150	5% Gilsonite 500 gal. mud flush

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
3312 to 14	Arbuckle Open Hole (non-commercial)	750 gal. 15% mud acid		3312-14
3280	Bridge plug over Arbuckle			3280
3068-3088	Lansing	3000 gal. 15% NE-FE		3068-88

TUBING RECORD	Size 2-7/8	Set At 3246	Packer At	Liner Run Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. 12-14-08	Producing Method Flowing <input checked="" type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input checked="" type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. 25	Gas Mcl TSTM	Water Bbls. 100	Gravity 42

Disposition of Gas Shut In METHOD OF COMPLETION

Vented Sold Used on Lease Open Hole Perforated Dually Comp. Commingled

(If vented, Sumit ACO-18.) Other (Specify)

Production Interval 3068 to 3088

HEINE #2
API #15-159-22590-0000

DST #1: Conglomerate 3246' to 3291'. No pressures, no blow. Invalid test.

DST #2: Arbuckle 3246' to 3314'. 45-45-45-45. Recovered 250 GIP and 170' ^{5m} CO.
ISIP 1029, FSIP 968, IFP 17-47, FFP 52-73

Completion: Drilled out packer shoe @ 3312'. Open hole 3212' to 14' - Arbuckle.
Swab hole down. Show of oil & gas. 36 hour fill up, 100' fluid. Show
of oil & gas. Acidized w/ 250 gal. 15% mud acid. Swabbed .5 BOPD, no
water. Acidized with 750 gal. 15% mud acid. Swab load. Results non-
commerical.

Set Bridge Plug @ 3280'.

Perforate Lansing 3068 to 3088', "G" Zone. Acidized w/ 3000 gal. NE/FE 15%.
Swabbed partial load. Good show Oil & Gas. Run tubing & rods. Pump
25 BOPD and 100 BW, 12-14-08.

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JAN 20 2009

CONSERVATION DIVISION
WICHITA, KS

Sterling Drilling Company, Rig #1

Box 1006, Pratt, Kansas 67124-1006
Office Phone (620) 672-9508, Fax 672-9509

SAMPLE LOG

Heine No. 2

LOCATION: C S/2 Sw Sw
API: 15-159-22590-0000

Section 28 T 19s R 10w
Rice County, Kansas

OWNER: Hupfer Operating, Inc.
CONTRACTOR: Sterling Drilling Company, Rig #1

COMMENCED: 14-Nov-08
COMPLETED: 20-Nov-08

TOTAL DEPTH: **DRILLER** 3314 FEET
LOGGER Not Logged FEET

Ground Elevation: 1773
KB Elevation: 1782

LOG

0 -	2 FEET	Top Sand
2 -	23 FEET	Sandy Clay (From water well data)
23 -	50 FEET	Clay
50 -	91 FEET	Sand and rock
91 -	900 FEET	Shales, Sand and Clay
900 -	1400 FEET	Shales and Salt
1400 -	3200 FEET	Limestone, Shale and Dolomite
3200 -	3280 FEET	Limestone, Shale and Dolomite
3280 -	3314 FEET	Arbuckle

CASING RECORDS

Surface Casing-8-5/8"

Spud at 8:15 am on 11/14/04. Drilled 12-1/4" hole to 284'. Ran 6 joints of 8-5/8" surface casing, tally 273.26' set at 284' KB. Cemented with 225 sx 60/40 Poz; 2% Gel, 3% CC, Plug down at 3:30 pm on 11/14/04 by Quality Cementing. Ticket #2231. Garb's Welding welded straps on bottom 3 joints then tacked collars next 3 joints. Cement did circulate.

Production Casing-5-1/2"

Ran 78 joints of 14# 5-1/2" casing. Tally 3314', set at 3312' KB. Cemented with 140sx 50/50 Poz. Plug down at 7:45 am on 11/20/08. By Quality Cementing. Ticket # 2360. SDC reported pipe run to KCC (Greg Eves) at 11:45 am on 11/20/08.

DEVIATION SURVEYS

3/4	degree(s) at	284	feet
3/4	degree(s) at	3291	feet

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CONSERVATION DIVISION
WICHITA, KS

Quality Oilwell Cementing Inc.

740 W WICHITA
P.O. Box 32
Russell, KS 67665

Invoice

Date	Invoice #
11/24/2008	1218

Bill To
Hupfer Operating Inc P.O. Box 216 Hays Ks 67601

P.O. No.	Terms	Project
	Net 30	HEINE #2

Quantity	Description	Rate	Amount
90	common	13.10	1,179.00T
90	POZ	7.10	639.00T
40	CD-110	7.50	300.00T
750	KOL SEAL	0.70	525.00T
15	Salt	14.25	213.75T
500	Mudclear	1.00	500.00T
200	handling	2.10	420.00
3,800	.09 * 200 SACKS * 19 MILES	0.09	342.00
5	centralizers 5 1/2	59.00	295.00T
1	5 1/2 BASKET	185.00	185.00T
1	5 1/2 packer shoe	1,450.00	1,450.00T
1	5 1/2" latch down plug	425.00	425.00T
1	PRODUCTION STRING	1,700.00	1,700.00
19	pump truck mileage charge	7.00	133.00
831	discount 10% if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-831.00
	LEASE: HEINE WELL #2		
	Sales Tax Rice	6.30%	359.84

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JAN 20 2009
CONSERVATION DIVISION
WICHITA, KS

Thank you for your business. Dave	Total	\$7,835.59
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2380

Date	11-20-08	Sec.	28	Twp.	19	Range	10	Called Out		On Location		Job Start		Finish	7:45 AM
Lease	Heine	Well No.	2	Location	S 11/2 W 26 N 26 E			County	RC	State	KS				
Contractor	Sterling #2			Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.										
Type Job	Production String			Charge To	HUPGE OPERATIONS, INC.										
Hole Size	7 7/8	T.D.	3314	Depth	3312										
Csg. Size	5 1/2	Depth		Street											
Tbg. Size		Depth		City	State										
Drill Pipe		Depth		The above was done to satisfaction and supervision of owner agent or contractor.											
Tool		Depth													
Cement Left in Csg.	22.31	Shoe Joint	22.31												
Press Max.	1400 lbs	Minimum													
Meas Line		Displace	80 1/4 bbl	CEMENT 3/4 of 10% CD 110											
Perf.															

EQUIPMENT				Amount Ordered
Pumptrk	7	No.	Cementor Helper	180 5% 10% salt 5% Gilsonite
			BRANDON	Consisting of 500 gal Mud Clean - 48
Bulktrk	10	No.	Driver	Common 90" @ 130
			DOUG	1179.00
Bulktrk	04	No.	Driver	Poz. Mix 90" @ 70
			STEVE	639.00
			Driver	Gal. 40# CD 110 @ 7.50
				300.00

JOB SERVICES & REMARKS				Amount		
Pumptrk Charge	Prod String		1700.00	Chloride	Gilsonite 750# @ 70¢	525.00
Mileage	19 @ 7.00		133.00	Hulls		
Footage				Salt	725# @ 15 @ 14¢	213.75
		Total	1833.00	Flowseal		

Remarks:	30 se. in hole	500 gal Mud Clean	500.00
	Set power shoe at 1600 lbs		
	with pump truck		
	10 se. water well	Handling	200 @ 2.10
		Mileage	.09 per gal for mil/c
	Land plug @ 1400 lbs	Pump TRUCK CHARGE	Sub Total 1833.00
			Total

Flood Hole	Floating Equipment & Plugs		
	Squeeze Manifold	5 cent	295.00
	Rotating Head	1 basket	185.00
		1 deck shoe	1450.00
		1 1 1/2" assy	425.00

Signature: *H.D. Clark*

Tax: 359.84
 Discount: (831.00)
Total Charge: 7835.59

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 CONSERVATION DIVISION
 WICHITA, KS

Quality Oilwell Cementing Inc.

740 W WICHITA
P.O. Box 32
Russell, KS 67665

Invoice

Date	Invoice #
11/17/2008	1205

Bill To
Hupfer Operating Inc P.O. Box 216 Hays Ks 67601

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
225	common	13.10	2,947.50T
4	GEL	20.00	80.00T
8	Calcium	50.00	400.00T
20	SUGAR	1.00	20.00T
237	handling	2.10	497.70
4,503	.09 * 237 SACKS * 19 MILES	0.09	405.27
1	8 5/8 wooden plug	72.00	72.00T
1	surface pipes 0-500ft	910.00	910.00
19	pump truck mileage charge	7.00	133.00
547	discount 10% if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-547.00
	LEASE: HEINE WELL #2		
	Sales Tax Rice	6.30%	221.73
Thank you for your business. Dave		Total	\$5,140.20

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CONSERVATION DIVISION
WICHITA, KS

QUALITY OILWELL CEMENTING, INC.

No. 2231

785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

85-324-1041

Date	11-14-08	Sec.	23	Twp.	19	Range	10	Called Out		On Location		Job Start		Finish	4.00	
Lease	AETUC		Well No.		2		Location		Blue Mountain Dr. Line		County	Rel	State		KS	
Contractor	STERLING DEPT. 1						Owner						JL III / E N INCO			
Type Job	Surface						To Quality Oilwell Cementing, Inc.						You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size	12 1/4		T.D.		234'		Charge To		HUPFER OPERATING, INC							
Csg.	3 5/8 20'		Depth		234		Street									
Tbg. Size			Depth				City		State							
Drill Pipe			Depth				The above was done to satisfaction and supervision of owner agent or contractor.									
Tool			Depth													
Cement Left in Csg.	15		Shoe Joint													
Press Max.			Minimum													
Meas Line			Displace		17.5 BBL				CEMENT							
Perf.							Amount Ordered		225 @ 13.10							

EQUIPMENT		
Pumptrk	8	No. Cementer Helper
Bulktrk	9	No. Driver Driver
Bulktrk	10	No. Driver Driver

Consisting of	225 @ 13.10	2997.50
Common	225 @ 13.10	2997.50
Poz. Mix		
Gel.	4 @ 20.00	80.00
Chloride	2 @ 50.00	400.00
Hulls		
Salt		
Flowseal		
	@ 1.00	20.00

JOBS SERVICES & REMARKS

Pumptrk Charge	SURFACE	910.00
Mileage	19 @ 7.00	133.00
Footage		
Total		1043.00

Remarks:
 Run 6" hole to 20' depth
 MIX of Pump 225 @ 13.10
 2% Gel 3% CC
 15.6' @ 1.36 @ 1.13
 SURF. WORK
 17.5 BBL TO BE USED
 CHEMICALS AS LISTED
 225 @ 13.10 = 2997.50
 4% GEL @ 20.00 = 80.00
 2% CHLORIDE @ 50.00 = 400.00
 1.00 @ 20.00 = 20.00
 PUMP TRUCK CHARGE
 FLOATING EQUIPMENT & PLUGS
 SQUEEZE MANIFOLD
 ROTATING HEAD
 THANKS
 TONY SIE, BLAKE
 Signature: [Handwritten Signature]

Sales Tax		
Handling	231 @ 2.10	497.70
Mileage	20 @ 20.285 PER MILE	405.70
Sub Total		1043.00
Total		
Floating Equipment & Plugs		72.00
Squeeze Manifold		
Rotating Head		

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CONSERVATION DIVISION
WICHITA, KS

Tax	221.73
Discount	(597.00)
Total Charge	5,140.20