

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 # 33677  
 Name: Canary Operating Corporation  
 Address: 7230 W. 162nd Street, Suite A  
 City/State/Zip: Stilwell, KS 66085  
 Purchaser: Waiting in gas line  
 Operator Contact Person: Steve Allee  
 Phone: (913) 239-8960  
 Contractor: Name: RLC Drilling, Inc.  
 License: 33799  
 Wellsite Geologist: Rex R. Ashlock  
 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. \_\_\_\_\_  
6/29/06    7/13/06    7/14/06  
 Spud Date or    Date Reached TD    Completion Date or  
 Recompletion Date       Recompletion Date

API No. 15 - 15-121-28212-00-00  
 County: Miami  
SE NE SE Sec. 13 Twp. 16 S. R. 24  East  West  
1600 1650 feet from (S) N (circle one) Line of Section  
400 330 feet from (E) W (circle one) Line of Section  
 Footages Calculated from <sup>KCC ML</sup> Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Hoppe Well #: 48-13-16-24  
 Field Name: Paola-Rantoul?  
 Producing Formation: Lexington, Summit, Mulky  
 Elevation: Ground: 965 Kelly Bushing: \_\_\_\_\_  
 Total Depth: 559 Plug Back Total Depth: None  
 Amount of Surface Pipe Set and Cemented at 20 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 439.80  
 feet depth to surface w/ 94 sx cmt.

Drilling Fluid Management Plan AIF II MR  
(Data must be collected from the Reserve Pit) 11-20-08  
 Chloride content NA ppm Fluid volume 80 bbls  
 Dewatering method used Evaporation  
 Location of fluid disposal if hauled offsite: \_\_\_\_\_  
 Operator Name: \_\_\_\_\_  
 Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
 Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: [Signature]  
 Title: Sr. VP Operations Date: 7-18-06  
 Subscribed and sworn to before me this 18<sup>th</sup> day of July  
20 06  
 Notary Public: [Signature]  
 Date Commission Expires: 1/10/09

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**REX R. ASHLOCK**  
 Notary Public - State of Kansas  
 My Appt. Exp. 1/10/09

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Operator Name: Canary Operating Corporation Lease Name: Hoppe Well #: 48-13-16-24  
 Sec. 13 Twp. 16 S. R. 24  East  West County: Miami

**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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Driller's Log Attached</b>		
Electric Log Run <i>(Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
List All E. Logs Run:				

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	13 1/2"	10 3/4"	NA	20'	Portland	6	None
Production	9 7/8"	7.00"	17.00	439.80	Class A	94	2 % gel 2% CaCl <sub>2</sub>

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 <i>(Amount and Kind of Material Used)</i>	Depth
None	Open hole from 439.80 to 559'	None	
		4 1/2" perf'd liner from 559 to 427'	
		Not cmt'd in place	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		1"	to be set at 540 +/-	None	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Date of First Resumerd Production, SWD or Enhr.		Producing Method			
<b>Waiting on Gas, Electric, &amp; Wtr Lines</b>		<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	Water Bbls.	Gas-Oil Ratio	Gravity
	None	NA	NA	None	None

Disposition of Gas  Vented  Sold  Used on Lease METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled Production Interval

*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

\* Will be sold

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# CANARY OPERATING CORPORATION

## DRILLER'S LOG

Hoppe #48-13-16-24

1650' FSL, 330' FEL

Section 13-T16S-R24E

Miami Co., KS

API #: 15-121-28212-0000

Drilling Contractor: RLC Drilling, Inc.

Spud: 6/29/09

Surface Csg: 10 3/4" set at 20', cmt'd w/ 6 sx

Under Surface: 7/13/06

CLAY	6	BLK SH	447 (12.5 MCF)
SH	28	SH	469
LS	43	LS	471
SH	67	SH	472
LS	69	LS	475
SNDY SH	107	SH	476
LS	226	LS	477
SH	135	SH	485
LS	185	BLK SH	487
SH	188	SH	495
LS	195	LS	496
SH	197	SH	508
BLK SH	199 (water)	BLK SH	512 (22.2 MCF)
LS	225	SH	520
SH	376	SAND LAM	559 (odor)
BLK SH	378 (14.1 MCF)	TD	559 (7/13/06)
SH	394		
DK SH	396		
SH	420		
LS	430		
SH	440		
LS	445		

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CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER **08746**  
 LOCATION **Ottawa KS**  
 FOREMAN **Fred Mader**

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-14-06	2642	Hoppe # 48	13	16	24	MI
CUSTOMER Canary Operating Corp			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 7230 W 162nd St A			506	Fred		
CITY Stillwell			164	RIO RB		
STATE KS			122	RATHB		
ZIP CODE 66085			369	Gar And		

JOB TYPE Longstring HOLE SIZE 9 7/8 HOLE DEPTH 442 CASING SIZE & WEIGHT 5"  
 CASING DEPTH 440' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 10'  
 DISPLACEMENT 18.3 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS: Establish Circulation. Mix & Pump 200 # Premium Gel  
Flush Pump 12 BBL Telltale dye Ahead of 94 SKS  
Class A Portland Cement w/ 2% Gel 2% Calcium Chloride  
Displace casing clean w/ 18.3 BBL Fresh Water  
Shut in casing

*Fred Mader*

Customer Supplied Some Water

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	164	800.00
5406	40 mi	MILEAGE Pump Truck	1.64	126.40
5407	Minimum	Ton Mileage	100	275.00
5502 C	3 hrs	PO BBL Vac Truck	369	270.00
1104 S	88 SKS	Class A Portland Cement		990.00
1102	177 #	Calcium Chloride		113.10
1118 B	87 #	Premium Gel		52.70
Sub Total				2627.00
Tax @ 6.3%				
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			SALES TAX	
			ESTIMATED	
			TOTAL	