

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed  
Form must be Signed  
Blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

OPERATOR: License # 34179  
Name: Thomas M. Brown, LLC  
Address 1: P.O. Box 250  
Address 2: \_\_\_\_\_  
City: Plainville State: Ks Zip: 67663 + \_\_\_\_\_  
Contact Person: Jake Brown  
Phone: ( 785 ) 737-7070  
CONTRACTOR: License # 32169  
Name: Maverick Well Service  
Wellsite Geologist: Jake Brown  
Purchaser: Coffeyville Resources

API No. 15 - 163-02287-00-01  
Spot Description: \_\_\_\_\_  
SW NE SW Sec. 7 Twp. 9 S. R. 18  East  West  
1,630 1633 Feet from  North /  South Line of Section  
3,630 3565 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Rooks  
Lease Name: Cabbage Well #: 4  
Field Name: Barry SE  
Producing Formation: LKC  
Elevation: Ground: 2070 Kelly Bushing: 2073  
Total Depth: 3497 Plug Back Total Depth: 3462  
Amount of Surface Pipe Set and Cemented at: 197 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: Perf/Squeeze-950'  
feet depth to: Surface w/ 700 sx cmt.

RECEIVED  
JAN 03 2011  
KCC WICHITA

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  WSW  SWD  SIOW  
 Gas  D&A  ENHR  SIGW  
 OG  GSW  Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: H. H. & B. Drilling Company

Well Name: Cabbage #4

Original Comp. Date: 5-17-1947 Original Total Depth: 3497

Deepening  Re-perf.  Conv. to ENHR  Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Permit #: \_\_\_\_\_  
 Dual Completion Permit #: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  
 ENHR Permit #: \_\_\_\_\_  
 GSW Permit #: \_\_\_\_\_

7-26-2010	8-2-2010	8-12-2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 60,000 ppm Fluid volume: 800 bbls  
Dewatering method used: Haul Off

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: Thomas M. Brown, LLC  
Lease Name: P. Dechant License #: 34179  
Quarter \_\_\_\_\_ Sec. 26 Twp. 8 S. R. 18  East  West  
County: Rooks Permit #: D-30093

**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.

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.

Signature: \_\_\_\_\_  
Title: Manager Date: 12-20-2010

KCC Office Use ONLY

Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dg Date: 1/10/11

Operator Name: Thomas M. Brown, LLC Lease Name: Cabbage Well #: 4  
 Sec. 7 Twp. 9 S. R. 18  East  West County: Rooks

**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 complete copy of all Electric Wire-line 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

Electric Log Submitted Electronically  Yes  No  
 (If no, Submit Copy)

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
LKC	3242	-1172

List All E. Logs Run:

Previous Copy of Log was used

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		10 3/4"		190'	Common	125	
Production		5 1/2"		3487'	Common	150	
Liner		4 1/2"		3223'	60/40	175	

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	3280'-84'	3,000 Gal. 28% Fe Acid Over entire Perforations	
4	3296'-3300'		
4	3324'-34'		
4	3394'-98'		
4	3432'-36'		

TUBING RECORD: Size: <u>2 3/8"</u> Set At: <u>3198</u> Packer At: <u>3198</u>		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>11-15-2010</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>0</u>	Gas Mcf <u>0</u> Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3280'-3436' LKC</u>
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# ALLIED CEMENTING CO., LLC. 042850

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Russell KS

DATE <u>8-10-10</u>	SEC. <u>7</u>	TWP. <u>9</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00am</u>	JOB FINISH <u>11:30am</u>
Cabbage LEASE	WELL # <u>4 0000</u>		LOCATION <u>Plainville KS 3 North to U Rd</u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)			<u>4 7/8 West North into</u>				

CONTRACTOR Maverick

TYPE OF JOB 4 1/2 Liner

HOLE SIZE 5 1/2 casing T.D. Plug @ 3250'

CASING SIZE 4 1/2 Liner 145' DEPTH 3223'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 51.24

EQUIPMENT

PUMP TRUCK # 398 CEMENTER John Roberts  
HELPER Glenn

BULK TRUCK # 481 DRIVER Richard TWS

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Load 4 1/2 and Est. Circulation.  
Mix 175 sk Cement. Displace  
Plug w/ 51.24 Bbl H<sub>2</sub>O.

Load plug @ 1000 psi

Cement Did Circulate!

Thank You!

CHARGE TO: Tom Brown

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 175 60/40 4% Gel 1/2 of 1/2 CD-31

COMMON	<u>105</u>	@	<u>13.50</u>	<u>1417.50</u>
POZMIX	<u>70</u>	@	<u>7.55</u>	<u>528.50</u>
GEL	<u>6</u>	@	<u>20.25</u>	<u>121.50</u>
CHLORIDE		@		
ASC		@		
CD-31	<u>75</u>	@	<u>9.10</u>	<u>682.50</u>
RECEIVED @				
JAN 03 2011 @				
KCC WICHITA @				
@				
@				
HANDLING	<u>175</u>	@	<u>2.25</u>	<u>393.75</u>
MILEAGE	<u>110/sk/trip</u>			<u>287.50</u>
				TOTAL <u>3931.25</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>45</u>	@	<u>7.00</u>	<u>315.00</u>
MANIFOLD		@		
				TOTAL <u>1306.00</u>

PLUG & FLOAT EQUIPMENT

<u>4 1/2 Rubber Plug</u>	@	<u>27.00</u>
	@	
	@	