

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

1/27/10
Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33269
Name: Central Operating Inc
Address 1: 1600 Broadway Suite 1050
Address 2: _____
City: Denver State: Co Zip: 80202 + _____
Contact Person: P.A. Brew
Phone: (303) 894-9576
CONTRACTOR: License # 30606
Name: Murfin Drilling Co
Wellsite Geologist: Ed Glassman
Purchaser: NCRA
Designate Type of Completion:
 New Well _____ Re-Entry _____ Workover _____
 Oil _____ SWD _____ SIOW _____
_____ Gas _____ ENHR _____ SIGW _____
_____ CM (Coal Bed Methane) _____ Temp. Abd. _____
_____ Dry _____ Other _____
(Core, WSW, Expl., Cathodic, etc.)

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If Workover/Re-entry: Old Well Info as follows:
Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
_____ Deepening _____ Re-perf. _____ Conv. to Enhr. _____ Conv. to SWD _____
_____ Plug Back: _____ Plug Back Total Depth _____
_____ Commingled _____ Docket No.: _____
_____ Dual Completion _____ Docket No.: _____
_____ Other (SWD or Enhr.?) _____ Docket No.: _____
11/06/08 11/14/08 1/06/09
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 063-21750-0000
Spot Description: _____
NW NE SW NW Sec. 36 Twp. 14 S. R. 26 East West
1350 Feet from North / South Line of Section
910 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gove
Lease Name: Humburg Farm Well #: 23-36
Field Name: Wildcat
Producing Formation: Lansing Kansas City
Elevation: Ground: 2397 Kelly Bushing: 2402
Total Depth: 4406 Plug Back Total Depth: 4374
Amount of Surface Pipe Set and Cemented at: 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 1854 Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AK II NS 4-14-09
(Data must be collected from the Reserve Pit)
Chloride content: 3100 ppm Fluid volume: 4000 bbls
Dewatering method used: Evaporate - not enough to pick up
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: P.A. Brew
Title: President Date: Jan 13/2009
Subscribed and sworn to before me this 15th day of January,
20 09
Notary Public: _____
Date Commission Expires: May 28, 2011

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
KANSAS CORPORATION COMMISSION
JAN 29 2009

Operator Name: Central Operating Inc Lease Name: Humburg Farm Well #: 23-36
 Sec. 36 Twp. 14 S. R. 26 East West County: Gove

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)

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Name	Top	Datum
Anhydrite	1885	517
B/Anhydrite	1922	480
Heebner	3670	-1268
Lansing	3709	-1307
B/Kansas City	3998	-1596
Altamont	4086	-1684
Ft. Scott	4208	-1806

List All E. Logs Run:
Dual Induction, Density-Neutron, Sonic, Micro, PE

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	23	220	Common	160	2% gel 3% cc
Production	7 7/8	5 1/2	14	4392	ASC	175	
				1854	60/40/Poz	400	

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
2	3873-3876	500 gal 15% MCA 750 15% NE	
2	3952-3956	600 gal 15% MCA 1000 15% NE to treat	
2	3984-3987	300 gal 15% MCA these two zones	
2	4306-4314	600 gal 15% MCA 750 15% NE	
CIBP	4285		

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>4251</u> Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>01/15/09</u>	Producing Method: <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. <u>30</u> Gas Mcf <u>0</u> Water Bbls. <u>5</u> Gas-Oil Ratio <u>36</u> Gravity <u>36</u>

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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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Formation	Top	Datum
Cherokee LS	4236	-1834
Mississippi	4303	-1901

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CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., LLC. 043959

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

SERVICE POINT: Outlets

DATE <u>11-6-08</u>	SEC. <u>36</u>	TWP. <u>14</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>9:30pm</u>	JOB FINISH <u>10:00pm</u>
LEASE <u>Humburg Farm</u>	WELL# <u>23-36</u>	LOCATION <u>Quindora 125-42-3 1/2</u>		COUNTY <u>Cove</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)				<u>S</u>		KCC	

JAN 27 2009

CONTRACTOR Monsieur #24
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 220'
 CASING SIZE 8 5/8 DEPTH 220'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 13 BBL

OWNER SAME
 CEMENT AMOUNT ORDERED 160 gals com
3070 cc 27 gals

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EQUIPMENT

PUMP TRUCK CEMENTER Fuzzy
 # 431 HELPER Kelly
 BULK TRUCK
 # 377 DRIVER Alvin
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>160</u>	@ <u>15⁴⁵</u>	<u>2472⁰⁰</u>
POZMIX		@ _____	_____
GEL	<u>3</u>	@ <u>20⁸⁰</u>	<u>62⁴⁰</u>
CHLORIDE	<u>6</u>	@ <u>58³⁰</u>	<u>349²⁰</u>
ASC		@ _____	_____
		@ _____	_____
		@ _____	_____
		@ _____	_____
		@ _____	_____
		@ _____	_____
		@ _____	_____
		@ _____	_____
HANDLING	<u>169</u>	@ <u>2⁴⁵</u>	<u>405⁶⁰</u>
MILEAGE	<u>.10 x 24 miles</u>		<u>845⁰⁰</u>
			TOTAL <u>4134²⁰</u>

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REMARKS:

cement did circulate
Plug down @ 9:45pm
Thanks Fuzzy & crew

SERVICE

DEPTH OF JOB	<u>220'</u>		
PUMP TRUCK CHARGE			<u>1018⁰⁰</u>
EXTRA FOOTAGE		@ _____	_____
MILEAGE	<u>50</u>	@ <u>7⁰⁰</u>	<u>350⁰⁰</u>
MANIFOLD <u>2 head</u>		@ _____	<u>113⁰⁰</u>
		@ _____	_____
		@ _____	_____
			TOTAL <u>1481⁰⁰</u>

CHARGE TO: Central Operating
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>1-8 5/8 Plug</u>	@	<u>68⁰⁰</u>
	@	_____
	@	_____
	@	_____
	@	_____
		TOTAL <u>68⁰⁰</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Anthony Martin
 SIGNATURE Anthony Martin
Wonder Full Job Guys

ALLIED CEMENTING CO., LLC. 34127

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

SERVICE POINT: Medicine Lake, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
11-11-09	30	14S	70W	10:00 AM	2:00 PM	7:00 AM	11:00 PM
11-11-09 Farm LEASE		WELL# 23-36	LOCATION <u>Quinter, KS S-22 1/2 R, 4E, 21S,</u>		COUNTY	STATE	
OLD OR NEW (Circle one)			C-1-10		GOUC	KS	

KCC

CONTRACTOR MJF # 24
 TYPE OF JOB Anchor Hole 1st stage
 HOLE SIZE 7 1/2" T.D. 41.10'
 CASING SIZE 5 1/2" DEPTH 41.10'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX 2000 MINIMUM 100
 MEAS. LINE SHOE JOINT 21
 CEMENT LEFT IN CSG. 71
 PERFS.
 DISPLACEMENT 107 bbl 1051 + mud

OWNER CENTRAL OPERATING JAN 27 2009
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 CEMENT AMOUNT ORDERED 1750 CLASS A ASC + 2.5 bbl + 10% SALT

EQUIPMENT

PUMP TRUCK CEMENTER, THOMAS DEMORROW
 # 414-702 HELPER R. MURPHY
 BULK TRUCK
 # 4157-239 DRIVER Angel
 BULK TRUCK
 # DRIVER

COMMON @ _____
 POZMIX @ _____
 GEL @ _____
 CHLORIDE @ _____
 ASC @ _____
 @ _____
 @ _____

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REMARKS:
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep
1st stage anchor hole 41.10' deep

HANDLING @ _____
 MILEAGE @ _____
 TOTAL _____

CHARGE TO: CENTRAL OPERATING
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 41.10'
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE @ _____
 MILEAGE @ _____
 MANIFOLD @ _____
Hand Manual 1 @ _____
 @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

Alc Flange Glue 1 @ _____
10/32 Latex Down Plug 1 @ _____
Du Solb 1 @ _____
CENTRAL TUBS 5 @ _____
BASKETS 2 @ _____

TOTAL _____

To Allied Cementing Co., LLC: -- -- --
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X ED HARRIS
 SIGNATURE X ED HARRIS

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 34128

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

SERVICE POINT:

Medicine Lodge, KS

DATE <i>11-14-08</i>	SEC. <i>36</i>	TWP. <i>14S</i>	RANGE <i>76W</i>	CALLED OUT <i>11:00 AM</i>	ON LOCATION <i>5:00 PM</i>	JOB START <i>7:00 PM</i>	JOB FINISH <i>11:00 PM</i>
Humberg Farm LEASE		WELL # <i>23-36</i>	LOCATION <i>Quinter, KS, 5th block, 4E 2nd Ave</i>		COUNTY <i>Gove</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)			<i>1 Time</i>		KCC		

CONTRACTOR *M. J. F. # 24*

TYPE OF JOB *2nd stage*

HOLE SIZE *7 7/8* T.D. *4406*

CASING SIZE *4 1/2* DEPTH *4401*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *DV* DEPTH *1855'*

PRES. MAX *1500* MINIMUM *100*

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *1.25 gal/min*

EQUIPMENT

PUMP TRUCK CEMENTER *2nd stage*

614 302 HELPER *2nd stage*

BULK TRUCK

363-249 DRIVER *MAIT*

BULK TRUCK

DRIVER

REMARKS:

2nd stage cementing job on well 23-36. Cemented 4401' depth. 7 7/8 hole size. 4 1/2 casing size. 4 1/2 tubing size. DV tool joint. 1855' depth. 1500 psi max. 100 psi min. 1.25 gal/min displacement. 2nd stage cementing job. 2nd stage cementer and helper. 2nd stage driver. 2nd stage bulk truck. 2nd stage driver.

CHARGE TO: *Central Office*

STREET

CITY STATE ZIP

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *Ed Glassman*

SIGNATURE *Ed Glassman*

OWNER *Central Office* JAN 27 2009

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CEMENT

AMOUNT ORDERED *600.40' @ 6.00' @ 10.00'*

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

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SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

1100' @ 10.00' @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

The cement didn't circulate to surface on the initial staging via a DV Tool. Mr. Case Morris with the KCC, required us to run a bond log to verify where cement stopped. The logging engineer thought it came up as high as 250' from surface; based on the log curves signatures. Mr. Morris thought that was questionable. He did approve of pressuring up on the 5 ½ casing annulus. Walker Tank Service pressured up the casing annulus and it held solid at 250# taking 0 bbls. It was reported to Mr. Morris and he said that would suffice as long as it was a producer. Mr. Morris said that in the event the well would be converted to an injection well at some point in the future, this issue will have to be addressed and probably cemented again through perforations.

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CONSERVATION DIVISION
WICHITA, KS

Walker Tank Service, Inc.

785-391-2408
 P.O. Box 117
 Utica, KS 67584-0117

INVOICE

Date	Invoice #
12/6/2008	CW 34465

Bill To
Central Operating , Inc. 1600 Broadway, STE. 1050 Denver, CO 80202

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Ticket #	Terms	Due Date	Lease
22074	Net/30	1/5/2009	Albin <i>New Well</i>

Date	Description	Hours	Rate	Amount
11/6/2008	Haul 6 loads fresh water.	6	80.00	480.00
11/21/2008	Pressure casing.	2	90.00	180.00
11/8/2008	Haul 10 lds. fresh water.	10	80.00	800.00

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Thank You Happy Holidays	Total	\$1,460.00
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Charles Walker
Utica, KS 67584

WALKER TANK SERVICE, INC.

UTICA, KANSAS 67584

34465
22074

Truck No.

Date

Co. Central Ap

Lease Allen

Address

Work Done	Hr.	Rate per Hr.	Amount
11-6-08 Haul 6 1/2 fresh water	6	80 ^{cc}	480 ^{cc}
11-21-08 Pressure casing	2	90 ^{cc}	180 ^{cc}
11-8-08 Haul 10 1/2 fresh water	10	80 ^{cc}	800 ^{cc}
			1460 ^{cc}
			1460 ^{cc}

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Work Done By

Signature

Robinson Printing--Wilson, KS

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