

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
October 2008  
Form Must Be Typed

**ORIGINAL**

OPERATOR: License # 33335  
Name: IA Operating, Inc.  
Address 1: 9915 W. 21st Street, Ste B  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67205 + \_\_\_\_\_  
Contact Person: Robert D. Swann  
Phone: ( 316 ) 721-0036  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: Randall Kilian  
Purchaser: None  
Designate Type of Completion:  
\_\_\_\_ New Well    \_\_\_\_ Re-Entry    \_\_\_\_ Workover  
\_\_\_\_ Oil    \_\_\_\_ SWD    \_\_\_\_ SLOW  
\_\_\_\_ Gas    \_\_\_\_ ENHR    \_\_\_\_ SIGW  
\_\_\_\_ CM (Coal Bed Methane)    \_\_\_\_ Temp. Abd.  
 Dry    \_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

KANSAS CORPORATION COMMISSION

**AUG 12 2009  
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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.: \_\_\_\_\_  
06/04/09    06/11/09    06/11/09  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 051-25867-0000  
Spot Description: \_\_\_\_\_  
NE SW SW Sec. 4 Twp. 14 S. R. 20  East  West  
1150 Feet from  North /  South Line of Section  
1300 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellis  
Lease Name: Amrein Well #: 4-1  
Field Name: Wildcat  
Producing Formation: none  
Elevation: Ground: 2227' Kelly Bushing: 2232'  
Total Depth: 3936' Plug Back Total Depth: 3936'  
Amount of Surface Pipe Set and Cemented at: 215' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** D+A AH II NOK  
(Data must be collected from the Reserve Pit) 8-27-09  
Chloride content: 63,000 ppm Fluid volume: 500 bbls  
Dewatering method used: Evaporation/Backfill  
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: Robert D. Swann  
Title: Vice President Date: 8/11/09  
Subscribed and sworn to before me this 11 day of August,  
2009.  
Notary Public: Julie Burrows  
Date Commission Expires: March 19, 2013

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**JULIE BURROWS  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 3-19-13**

Operator Name: IA Operating, Inc. Lease Name: Amrein Well #: 4-1  
 Sec. 4 Twp. 14 S. R. 20  East  West County: Ellis

**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	1532'	+700
Topeka	3234'	-1002
Toronto	3495'	-1263
Lansing	3510'	-1278
Marmaton	3818'	-1586
Reagan Sd	3886'	-1654
Total Depth	3936'	-1704

List All E. Logs Run:

Geologist's Well Report, Dual Induction Log, Compensated Density/Neutron Log, Micro Log

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#	215'	Common	150	3%CC, 2%gel

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 checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone		60/40 Poz	230	4% gel, 1/4# flo-seal

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement, etc. EMISSION (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. _____		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. <u>0</u> 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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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. 3484

Date	Sec.	Twp.	Range	County	State	On Location	Finish
6/11/09	4	14	20		KS		11:00 AM

Lease	Well No.	Location
	4	

Contractor	Owner
	To Quality Oilwell Cementing, Inc.

Type Job	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	T.D.	

Csg.	Depth	Charge To

Tbg. Size	Depth	Street

Drill Pipe	Depth	City	State

Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	

Cement Left in Csg.	Shoe Joint	CEMENT	

Press Max.	Minimum	Amount Ordered	

Meas Line	Displace	Common	

Perf.	Pop. Mix		

	Gel.		

Pumptrk	No.	Cement	Calcium

Bulktrk	No.	Driver	Mills

Bulktrk	No.	Driver	Salt

JOB SERVICES & REMARKS		Flowseal	

Pumptrk Charge	PTA	450.00	

Mileage	20 @ 6.00	120.00	

Footage			

	Total	570.00	Handling 212 @ 2.00	424.00

Remarks:			Mileage	300.00

			Pump Truck Charge	570.00

FLOAT EQUIPMENT				

			Guide Shoe	

			Centralizer	

			Baskets	

			AFU Inserts	

				45.00


			Rotating Head	

			Squeez Mainfold	

				Tax
				139.18

				Discount
				(696.00)

				Total Charge
				2765.18

X Signature				

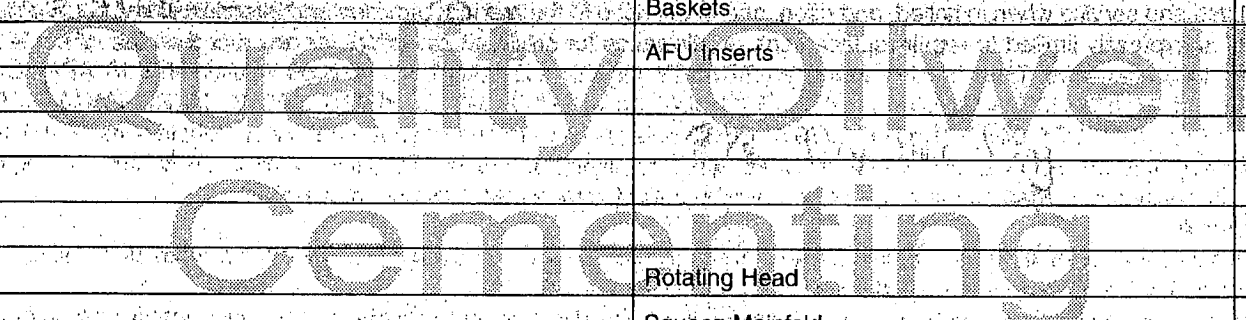
KANSAS CORPORATION COMMISSION  
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123 @ 10.00 1230.00  
82 @ 6.00 492.00  
7 @ 17.00 119.00

51 @ 2.00 102.00

212 @ 2.00 424.00

45.00



# QUALITY OILWELL CEMENTING, INC. unrec

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

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

No. 3477

Date	Sec.	Twp.	Range	County	State	On Location	Finish
4/11/09	4	14	20	...	KS		11:15 PM

Lease	Well No.	Location
...	4-1	...

Contractor	Owner
M...	...

Type Job	To Quality Oilwell Cementing, Inc.
Hole Size	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Csg.	Charge To
2 1/2" 23#	LA Occluding Line

Tbg. Size	Street

Drill Pipe	City
	State

Tool	The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg.	Shoe Joint
10-15	

Press Max.	Amount Ordered
	1500

Meas Line	Common
	150 @ 10.00

Perf.	Poz. Mix

Gel.	51.00
3 @ 17.00	

Calcium	210.00
5 @ 42.00	

Mills	Salt
KANSAS CORPORATION COMMISSION	

Flowseal	AUG 12 2009

Pumptrk Charge	400.00
SFC	

Mileage	120.00
20 @ 6.00	

Footage	276.00

Remarks:	300.00

Total	520.00

Handling	276.00
158 @ 1.75	

Mileage	300.00

Pump Truck Charge	520.00

## FLOAT EQUIPMENT

Guide Shoe	

Centralizer	

Baskets	

AFU Inserts	

Rotating Head	

Squeez Mainfold	

	Tax

	Discount

	Total Charge

X Signature

*[Handwritten Signature]*

