

**CONFIDENTIAL**

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

Form ACO-1  
September 1999  
Form Must Be Typed

8/13/11  
**CONFIDENTIAL**

Operator: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: N/A  
Operator Contact Person: Leon Rodak  
Phone: (316) 267-3241  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Rocky Milford

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**AUG 13 2009**  
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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: KANSAS CORPORATION COMMISSION  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conversion to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>07/07/09</u>	<u>07/13/09</u>	<u>07/14/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 163-23813-0000  
County: Rooks  
NW SW NW NE Sec. 32 Twp. 10 S. R. 18  East  West  
935 FNL feet from S (N) (circle one) Line of Section  
2345 FEL feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: M&A Unit Well #: 1-32  
Field Name: Wildcat  
Producing Formation: N/A  
Elevation: Ground: 2043 Kelly Bushing: 2048  
Total Depth: 3730 Plug Back Total Depth: N/A  
Amount of Surface Pipe Set and Cemented at 207 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/ \_\_\_\_\_ <sup>sq cmt.</sup>

PA-Dig-8/20/09

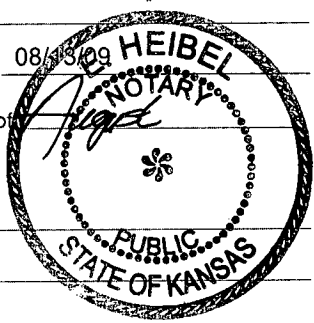
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License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

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**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: \_\_\_\_\_  
Title: Leon Rodak VP Production Date: 08/13/09  
Subscribed and sworn to before me this 13<sup>th</sup> day of August  
2009  
Notary Public: \_\_\_\_\_  
Date Commission Expires: 4/11/2011



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

Operator Name: Murfin Drilling Company, Inc. Lease Name: M&A Unit Well #: 1-32  
 Sec. 32 Twp. 10 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 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:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

SEE ATTACHED LIST

Electronically E-mailed:  
 Dual Induction, Compensated Porosity,  
 Microresistivity

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CASING RECORD <input 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		8 5/8		207	Common	150	

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				

KANSAS CORPORATION COMMISSION

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

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TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd 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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify)

Production Interval \_\_\_\_\_

MDCI M&A Unit #1-32 935 FNL 2345 FEL Sec. 32-T10W-R18W 2048' KB							MDCI Collins #1-28 330 FSL 2200 FEL Sec. 28-T10W-R18W 2065' KB	
Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Top	Datum
Anhydrite	1404	+644	-17	1399	+649	-12	1404	+661
B/Anhydrite	1440	+608	-19	1432	+616	-11	1438	+627
Topeka	3047	-999	-26	3043	-995	-22	3038	-973
Oread	3212	-1164	-29	3209	-1161	-26	3200	-1135
Heebner	3266	-1218	-26	3263	-1215	-23	3257	-1192
Toronto	3283	-1235	-26	3278	-1230	-21	3274	-1209
Lansing	3308	-1260	-27	3303	-1255	-22	3298	-1233
Stark	3489	-1441	-25	3487	-1439	-23	3481	-1416
BKC	3528	-1480	-27	3528	-1480	-27	3518	-1453
Arbuckle	3668	-1620	-35	3666	-1618	-33	3650	-1585
RTD	3730						3720	
LTD				3726			3719	

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**AUG 14 2009**  
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Quality Oilwell Cementing Inc.

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

*West*  
**Invoice**  
*Liz*

Date	Invoice #
7/14/2009	1709

**PROD COPY**

<b>Bill To</b>
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

USED FOR \_\_\_\_\_

APPROVED \_\_\_\_\_

**KCC**

**AUG 13 2009**

**CONFIDENTIAL**  
Project

*operator pay*

P.O. No.	Terms
	Net 30

Quantity	Description	Rate	Amount
150	common	10.00	1,500.00T
3	GEL	17.00	51.00T
5	Calcium	42.00	210.00T
68	Celloseal	2.00	136.00T
283	handling	2.00	566.00
1	MILEAGE CHARGE	250.00	250.00
1	8 5/8 basket	192.00	192.00T
1	surface pipes 0-500ft	400.00	400.00
23	pump truck mileage charge	6.00	138.00
418	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-418.00T
271	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-271.00
	LEASE: M & A UNIT WELL #1-32 Rooks county Sales Tax	5.30%	88.56

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Account	Unit Rig	W L	No.	Amount	Description
03600	016	40	3460	2812.56	Cement S. Csg.

Thank you for your business. Dave

**Total**

**\$2,842.56**

# QUALITY OILWELL CEMENTING, INC.

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

Home Office P.O. Box 32 Russell, KS 66550

No. 3497

Date	7/8/09	Sec.	32	Twp.	10	Range	12	County		State	KS	On Location		Finish	6:30 AM	
Lease	M + A U	Well No.	1-32	Location												
Contractor	M + A U							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	SURFACE							Charge To: <b>KCC</b>								
Hole Size	1 7/8"							T.D.	210'							
Csg.	23#							Depth	207'							
Tbg. Size								Depth								
Drill Pipe								Depth								
Tool								Depth								
Cement Left in Csg.	15'							Shoe Joint	4'							
Press Max.								Minimum	Amount Ordered 275 - Com 3% CC							
Meas Line								Displace	12 1/2 bbl							
Perf.								Poz. Mix	150 @ 10.00 = 1500.00							
<b>EQUIPMENT</b>																
Pumptrk	No.	Cementer														
		Helper														
Bulktrk	No.	Driver														
		Driver														
Bulktrk	No.	Driver														
		Driver														
<b>JOB SERVICES &amp; REMARKS</b>																
Pumptrk Charge	Surface							400.00								
Mileage	23 @ 6.00							138.00								
Footage																
Total							538.00									
Remarks:								Handling	275 @ 2.00 = 550.00							
								Mileage	400.00							
								Pump Truck Charge	538.00							
<b>FLOAT EQUIPMENT</b>																
								Guide Shoe								
								Centralizer								
								Baskets	192.00							
								AFU Inserts								
								Rotating Head								
								Squeeze Mainfold								
											Tax	88.56				
											Discount	20% (689.00)				
											Total Charge	2992.56				
Signature: <i>[Handwritten Signature]</i>																

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Quality Oilwell Cementing

Quality Oilwell Cementing Inc.

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

*uclt*  
**Invoice**  
*fin*

Date	Invoice #
7/15/2009	1731

**PROD COPY**

<b>Bill To</b>
Murfin Drilling Company P.O. Box 288 Russell Ks 67665

**KCC**  
USED FOR AUG 13 2009  
APPROVED CONFIDENTIAL

*operator pay/bm*

P.O. No.	Terms	Project
	Net 30	

Quantity	Description	Rate	Amount
138	common	10.00	1,380.00T
92	POZ	6.00	552.00T
8	GEL	17.00	136.00T
58	Celloscal	2.00	116.00T
238	handling	2.00	476.00T
1	MILEAGE CHARGE	350.00	350.00T
1	dry hole plug	45.00	45.00T
1	pump truck charge plugging	400.00	400.00T
23	pump truck mileage charge	6.00	138.00T
719	discount if paid within 30 days DISCOUNT HAS ALREADY BEEN DEDUCTED	-1.00	-719.00T

LEASE: M & A UNIT WELL #1-32  
Rooks county Sales Tax

5.30% 152.32

KANSAS CORPORATION COMMISSION

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Account	Unit	W	No.	Amt (Unit)	Description
	Rig	L			
<i>13600</i>	<i>016</i>	<i>40</i>	<i>3460</i>	<i>3026.32</i>	<i>P-1A</i>

Thank you for your business. Dave

**Total** *3026.32*

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 3305

Date	7/14/09	Sec.	32	Twp.	10	Range	12	County	Wichita	State	KS	On Location		Finish	6:30 AM
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Lease	MWA-White	Well No.	1-32	Location	
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Contractor	Murkin Drilling Co #16	Owner	
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Type Job	Plug	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish	
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Hole Size	7 7/8"	T.D.	2730'	cement and helper to assist owner or contractor to do work as listed.
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Csg.		Depth		Charge To	Murkin Drilling Co. <b>KCC</b>
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Tbg. Size		Depth		Street	
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Drill Pipe	4 1/2"	Depth		City	
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Tool		Depth		State	<b>CONFIDENTIAL</b>
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The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg.		Shoe Joint		<b>CEMENT</b>	
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Press Max.		Minimum		Amount Ordered	2300, 10/14/09 11:00 AM
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Meas Line		Displace		Common	138 @ 10.00	1380.00
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Perf.				Poz. Mix	92 @ 6.00	552.00
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				Gel.	8 @ 17.00	136.00
--	--	--	--	------	-----------	--------

				Calcium		
--	--	--	--	---------	--	--

				Mills		
--	--	--	--	-------	--	--

				Salt		
--	--	--	--	------	--	--

				Flowseal	58 @ 2.00	116.00
--	--	--	--	----------	-----------	--------

Pumptrk Charge	PTA		400.00			
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Mileage	23 @ 6.00		138.00			
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Footage						
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		Total	538.00	Handling	238 @ 2.00	476.00
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Remarks:	Mix 25% ...			Mileage		350.00
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				Pump Truck Charge		538.00
--	--	--	--	-------------------	--	--------

				<b>FLOAT EQUIPMENT</b>		
--	--	--	--	------------------------	--	--

				Guide Shoe		
--	--	--	--	------------	--	--

				Centralizer	KANSAS CORPORATION COMMISSION	
--	--	--	--	-------------	-------------------------------	--

				Baskets		
--	--	--	--	---------	--	--

				AFU Inserts		
--	--	--	--	-------------	--	--

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						45.00
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				Rotating Head		
--	--	--	--	---------------	--	--

				Squeeze Mainfold		
--	--	--	--	------------------	--	--

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						Tax 152.32
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						Discount (719.00)
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						Total Charge 3026.32
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X Signature *Ang ...*

