

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

9/11/09

Operator: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: None  
Operator Contact Person: Leon Rodak  
Phone: (316) 267-3241  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606  
Wellsite Geologist: Tom Funk

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     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. \_\_\_\_\_

<u>08/07/09</u>	<u>08/15/09</u>	<u>08/15/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 109-20853-0000  
County: Logan

SW SW NW NE Sec. 32 Twp. 12 S. R. 33  East  West  
1050 FNL feet from S / (N) (circle one) Line of Section  
2580 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: KWS Well #: 3-32  
Field Name: Unknown

Producing Formation: None  
Elevation: Ground: 3047 Kelly Bushing: 3057  
Total Depth: 4725 Plug Back Total Depth: None  
Amount of Surface Pipe Set and Cemented at 219 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.

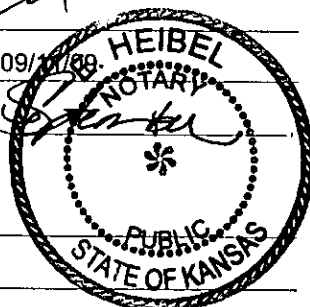
Drilling Fluid Management Plan PANJ 9-30-09  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

Location of fluid disposal if hauled offsite: **RECEIVED**  
Operator Name: \_\_\_\_\_ **SEP 14 2009**  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. **KCC WICHITA** 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: \_\_\_\_\_  
Title: Leon Rodak, VP Production Date: 09/11/09  
Subscribed and sworn to before me this 11<sup>th</sup> day of September  
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: KWS Well #: 3-32  
 Sec. 32 Twp. 12 S. R. 33  East  West County: Logan

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:  Electronically E-mailed: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum   SEE ATTACHED LIST <div style="text-align: right; font-weight: bold; font-size: 1.2em;">                     KCC                      SEP 11 2009                      CONFIDENTIAL                 </div>
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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	23#	219	Common	165 sx	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 type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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 KCC-WICHITA

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

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 METHOD OF COMPLETION Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled \_\_\_\_\_  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

KWS #3-32 1050' FNL 2580' FEL Sec. 32-T12S-R32W 3057' KB							KWS #1-32 2010' FNL 2020' FWL Sec. 32-T12S-R32W 3074' KB	
Formation	SampleTops	Datum	Ref	Log Tops	Datum	Ref	Log Tops	Datum
Anhydrite	2546	+511	+3	2544	+513	+5	2566	+508
B/Anhydrite	2568	+489	+2	2567	+490	+3	2587	+487
Topeka	3786	-729	+6	3787	-730	+5	3809	-735
Heebner	3998	-941	+4	3996	-939	+6	4019	-945
Lansing	4035	-978	+11	4034	-977	+12	4063	-989
Stark	4267	-1210	+2	4266	-1209	+3	4286	-1212
Marmaton	4371	-1314	+4	4370	-1313	+5	4392	-1318
Up Pawnee	4467	-1410	+8	4466	-1409	+9	4492	-1418
Chero Sh	4551	-1494	+5	4550	-1493	+6	4573	-1499
Johnson	4594	-1537	+5	4593	-1536	+7	4617	-1543
B Penn/Lm				4728	-1571	+9	4654	-1580
Mississippi	4662	-1605	-11	4666	-1609	-15	4668	-1594
RTD	4725						4745	
LTD				4728			4745	

KCC  
SEP 11 2009  
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RECEIVED  
SEP 14 2009  
KCC WICHITA



24 S. Lincoln Street  
P.O. Box 31  
Russell, KS 67665-2906

Voice: (785) 483-3887  
Fax: (785) 483-5566

*acct  
try*

# INVOICE

Invoice Number: 119622

Invoice Date: Aug 7, 2009

Page: 1

KCC  
SEP 11 2009  
CONFIDENTIAL

**Bill To:**  
Murfin Drtg. Co., Inc.  
250 N. Water  
STE #300  
Wichita, KS 67202

PROD COPY

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	KWS #3-32	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Aug 7, 2009	9/6/09

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	15.45	2,549.25
3.00	MAT	Gel	20.80	62.40
6.00	MAT	Chloride	58.20	349.20
174.00	SER	Handling	2.40	417.60
1.00	SER	Handling Mileage Charge	312.00	312.00
1.00	SER	Surface	1,018.00	1,018.00
15.00	SER	Pump Truck Mileage	7.00	105.00

RECEIVED  
SEP 14 2009  
KCC WICHITA

Account	Line	W			
03000	014	W	3482	4999.98	
				(1684.91)	

*PKM  
C. S. (sg)*

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1684.91

ONLY IF PAID ON OR BEFORE

Sep 6, 2009

Subtotal	4,813.45
Sales Tax	186.53
Total Invoice Amount	4,999.98
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,999.98</b>

1684.71

3315.27

# ALLIED CEMENTING CO., LLC. 043579

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

SERVICE POINT:  
Oakley Ks

DATE <u>8-7-09</u>	SEC. <u>32</u>	TWP. <u>12S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>11:00 PM</u>	JOB FINISH <u>11:30 PM</u>
LEASE <u>KUS</u>	WELL # <u>3-32</u>	LOCATION <u>Oakley 11s-3 1/2 W-1/4 N-1/4 E</u>		COUNTY <u>Logan</u>	STATE <u>Kan</u>		
OLD OR NEW (Circle one)							

CONTRACTOR MucFin Dels Co #14

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 5/8 DEPTH 221

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 BBL

EQUIPMENT

OWNER Same

CEMENT AMOUNT ORDERED 165 SKS.COM

3% acc - 2% Gel

COMMON	<u>16.5 SKs @ 15.45</u>	<u>2549.25</u>
POZMIX	@	
GEL	<u>3 SKs @ 20.80</u>	<u>62.40</u>
CHLORIDE	<u>6 SKs @ 58.20</u>	<u>349.20</u>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>1.74 SKs @ 2.40</u>	<u>4.17.60</u>
MILEAGE	<u>10.4 PM - 34 mile</u>	<u>312.00</u>
TOTAL		<u>3690.45</u>

KCC  
SEP 11 2009  
CONFIDENTIAL

PUMP TRUCK CEMENTER Walt

# 423-289 HELPER Lawrence

BULK TRUCK

# 377 DRIVER Walt

BULK TRUCK

# DRIVER

REMARKS:

Cement Did Cure

Thank You

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 6018.00

EXTRA FOOTAGE @

MILEAGE 15-miles @ 7.00 105.00

MANIFOLD @

TOTAL 1123.00

CHARGE TO: MucFin Dels Co

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

8 5/8

1 Surface Plug @

@

@

@

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.

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT 3.5% IF PAID IN 30 DAYS

PRINTED NAME Greg Unruh

SIGNATURE Greg Unruh



24 S. Lincoln Street  
 P.O. Box 31  
 Russell, KS 67665-2906

Voice: (785) 483-3887  
 Fax: (785) 483-5566

# INVOICE

Invoice Number: 119692  
 Invoice Date: Aug 15, 2009  
 Page: 1

KCC  
 SEP 11 2009  
 CONFIDENTIAL

RECEIVED  
 SEP 14 2009  
 KCC WICHITA

**Bill To:**  
 Murfin Drlg. Co., Inc.  
 250 N. Water  
 STE #300  
 Wichita, KS 67202

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Murfin	KWS #3-32	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Aug 15, 2009	9/14/09

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	15.45	2,039.40
88.00	MAT	Pozmix	8.00	704.00
8.00	MAT	Gel	20.80	166.40
55.00	MAT	Flo Seal	2.50	137.50
230.00	SER	Handling	2.40	552.00
15.00	SER	Mileage 230 sx @ .10 per sk per mi	23.00	345.00
1.00	SER	Plug to Abandon	1,185.00	1,185.00
15.00	SER	Pump truck Mileage	7.00	105.00
1.00	EQP	Dry Hole Plug	40.00	40.00

USED FOR DRY HOLE  
 APPROVED [Signature]

Subtotal	5,274.30
Sales Tax	332.28
Total Invoice Amount	5,606.58
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,606.58</b>

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. 1 1/2% CHARGED  
 THEREAFTER. IF ACCOUNT IS  
 CURRENT, TAKE DISCOUNT OF

\$ 1,846.01

ONLY IF PAID ON OR BEFORE

Sep 14 2009

less 1,846.01

# ALLIED CEMENTING CO., LLC. 043662

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

REC  
SEP 11 2009

SERVICE POINT:  
Oakley

DATE <u>8-15-09</u>	SEC. <u>32</u>	TWP. <u>12S</u>	RANGE <u>32W</u>	CALLED ON LOCATION <u>3:00pm</u>	JOB START <u>4:00am</u>	JOB FINISH <u>5:30am</u>
LEASE <u>KWS</u>	WELL # <u>3-32</u>	LOCATION <u>Oakley 11S 3 1/2W</u>	COUNTY <u>LOGAN</u>	STATE <u>KS</u>		
OLD OR <u>NEW</u> (Circle one)			<u>1/4N 1/4E</u>			

CONTRACTOR Murfin Drilling Rig 14

OWNER same

TYPE OF JOB P.T.#

HOLE SIZE 7 7/8 T.D. 4725'

CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

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

DRILL PIPE 4 1/2 DEPTH 2555'

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

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

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

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

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

DISPLACEMENT \_\_\_\_\_

CEMENT AMOUNT ORDERED 220 sks 60/40 40gel  
1/4" Flo-seal

COMMON	<u>132 sks</u>	@	<u>15.45</u>	<u>2039.40</u>
POZMIX	<u>88 sks</u>	@	<u>8.00</u>	<u>704.00</u>
GEL	<u>8 sks</u>	@	<u>20.80</u>	<u>166.40</u>
CHLORIDE		@		
ASC		@		
<u>Flo-seal 55#</u>		@	<u>2.50</u>	<u>137.50</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>230 sks</u>	@	<u>2.40</u>	<u>552.00</u>
MILEAGE	<u>10 1/2 sk/mile</u>			<u>345.00</u>
				TOTAL <u>3944.30</u>

EQUIPMENT

PUMP TRUCK # 423-281 CEMENTER Andrew  
HELPER Larene

BULK TRUCK # 347 DRIVER Darrin

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

REMARKS:

25 sks @ 2555'  
100 sks @ 1596'  
40 sks @ 270'  
10 sks @ 40'  
15 sks mouse hole  
30 sks Rat hole

Thank you

SERVICE

DEPTH OF JOB	<u>2555'</u>		
PUMP TRUCK CHARGE			<u>1185.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>15 miles</u>	@	<u>7.00</u> <u>105.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL <u>1290.00</u>			

CHARGE TO: Murfin

STREET \_\_\_\_\_

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

PLUG & FLOAT EQUIPMENT

<u>8 5/8</u>			
<u>1 Dry hole plug</u>	@		<u>40.00</u>
	@		
	@		
	@		

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment