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JUN - 9 2005

KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Tom W. Nichols  
Phone: (316) 267-3241  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606

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Wellsite Geologist: Kent Crisler  
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>5/9/05</u>	<u>5/16/05</u>	<u>N/A</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-167-23286-0000  
County: Russell W2NW SE NW  
~~W2NW SE NW~~  
Sec. 22 Twp. 12 S. R. 14  East  West  
1650 N feet from S (N) (circle one) Line of Section  
1450 W feet from E (W) (circle one) Line of Section

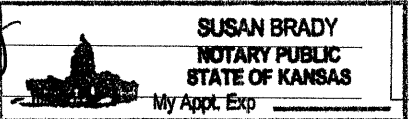
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE (NW) SW  
Lease Name: Michaelis Well #: 1-22  
Field Name: Wildcat  
Producing Formation: NA  
Elevation: Ground: 1789 Kelly Bushing: 1794  
Total Depth: 3360 Plug Back Total Depth: NA  
Amount of Surface Pipe Set and Cemented at 218 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  
(Data must be collected from the Reserve Pit) ALT II PJA WITH  
6-28-07  
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.: \_\_\_\_\_

**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: [Signature]  
Title: Tom Nichols, Production Manager Date: 6/8/05  
Subscribed and sworn to before me this 8th day of June,  
2005.  
Notary Public: Susan Brady  
Date Commission Expires: 11-4-07



**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: Michaelis Well #: 1-22  
 Sec. 22 Twp. 12 S. R. 14  East  West County: Russell

**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

**Dual Induction, Dual 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		218	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 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

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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

Production Interval  Other (Specify) \_\_\_\_\_

Michaelis #1-22  
Daily drilling report  
Page two

5/15/05 Depth RTD 3360. Cut 195'. DT: none. CT: 16 1/4 hrs. Dev.: 2° @ 3360'. **DST # 5 3107-3165 (LKC I, J):** 30-45-30-45; IF: wk 1/4" blow FF:no blow. Rec. 10' O SPTD M (10% O 90% M). HP: 1526-1488; FP: 12/14, 15/17; SIP: 352-63; BHT: 92°. Hole complete @ 12:30 a.m. 5/15/2005. No show in the Arbuckle. To plug and abandon.

5/16/05 RTD 3360'. Cut 0'. DT: none. CT: 12 hrs. Log Tech logged from 3:00 a.m. to 7:30 a.m. 5/15/06, LTD @ 3360'. Plugged hole w/60/40 poz., 6% gel as follows: 25 sx. @ 3230', 25 sx. @ 875', 65 sx. @ 475', 10 sx. @ 40', 15 sx. in RH, 10 sx. in MH. Started 11:30 a.m. comp. 3:00 p.m. 5/15/05 by Allied. Orders from Herb Deines, KCC Hays. Rig released @ 7:00 p.m. 5/15/05. **FINAL REPORT.**

**KCC**

JUN 08 2005

MDCI Michaelis #1-22 1450 FWL 1650 FNL 1794' KB							CONFIDENTIAL		Franco Central Kortman #1 SW SW NE 1800' KB	
Formations	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log Tops	Datum		
Anhydrite	846	+948	-9	842	+952	+5	843	+957		
B/Anhydrite	881	+913	-6	879	+915	+4	881	+919		
Topeka	2645	-851	+5	2644	-850	+6	2656	-856		
Heebner	2902	-1108	+6	2900	-1106	+8	2914	-1114		
Toronto	2925	-1131	+3	2920	-1126	+8	2934	-1134		
Lansing	2957	-1163	+1	2955	-1161	+3	2964	-1164		
BKC	3222	-1428	+8	3217	-1423	+11	3234	-1434		
Arbuckle	3260	-1466	+8	3255	-1461	+13	3274 sam	-1474		
RTD	3360	-1566					3280			
LTD				3360	-1566		3243			

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**Michaelis #1-22**

Operator: Murfin Drilling Company, Inc.  
Contractor: Murfin Drilling Company, Inc.  
Rig #8

Stuttgart #3133

**CONFIDENTIAL**

Contact Person: Scott Robinson  
Phone number: 316-267-3241  
Well site Geologist: Kent Crisler

1450 FWL 1650 FNL  
Sec. 22-T12S-R14W  
Russell County, Kansas

Call Depth: 2300'  
Spud: 9:00 a.m. 5/9/05

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API #: 15-167-23286  
Casing: 8 5/8" @ 218'

ETD: 3374'

Elevation: 1789 GL  
1794' KB

DAILY INFORMATION:

5/7/05 MIRT.

5/9/05 Will spud this morning.

5/10/05 Depth 1160'. Cut 1160'. DT: 8 hrs. (WOC). CT: none. Dev.: 1/2° @ 218'. Spud @ 9:00 a.m. 5/9/05. Ran 5 jts. = 210.55' of 8 5/8" surf. csg. set @ 218', cmt. w/150 sx. comm., 3% cc, 2% gel, plug down @ 1:15 p.m. 5/9/05, drilled out plug @ 9:15 p.m. 5/9/05, circ. 10 bbls by Allied.

5/11/05 Depth 2400'. Cut 1240'. DT: none. CT: none. Dev.: 3/4° @ 1924'.

5/12/05 Depth 2970'. Cut 570'. DT: none. CT: 7 1/2 hrs. Dev.: 1° @ 2970'. **Lower Oread & Toronto:** wk show of oil. **Lansing A:** no show. **DST #1 2868-2970 (Oread, Toronto, LKC A zones):** 30-45-30-30; IF: wk 3/4" blow. FF: no blow. Rec. 15' DM. HP: 1384-1303; SIP: 925-773; FP: 11/22, 25/32. BHT 93°. **Lansing B:** ls oolitic & foss, lt crm vgy pp porosity, gd odor gas bubbles. **DST #2 2964-2993 (LKC B zone):**

5/13/05 Depth 3012'. Cut 42'. DT: none. CT: 22 1/2 hrs. Dev.: none. **DST #2 2964-2993 (LKC B zone):** 30-45-60-90; IF: 3 1/2" blow; FF: 4" blow; Rec. 10' MO (60% O, 40% M), 130' DM (CHL 4000 PPM). HP: 1440-1386; FP: 14/41, 47/77; SIP: 374-374. BHT 94°. **DST #3 2988-3012 (LKC D zone):** 30-60-60-90; IF: 3" blow. FF: 2 1/2" blow slowly bldg to 6". Rec. 250' GIP, 50' OCM. HP: 1466-1419; FP: 11/16, 16/26; SIP: 171-397. BHT 93°.

5/14/05 Depth 3165. Cut 153'. DT: none. CT: 17 1/2 hrs. Dev.: none. **DST #4 3009-3071 (LKC Lower D,E,F,G):** 30-45-45-60; IF: wk 1" blow. FF: wk surface blow. Rec 60' DM W/ O SPTS. HP: 1461-1379; FP: 13/25, 27/42; SIP: 422-418; BHT: 93°. Free oil shows in the I and J zones. **DST # 5 3107-3165 (LKC I, J):** 30-45-30-45; IF: wk 1/4" blow

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Michaelis #1-22  
 Daily drilling report  
 Page two

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Arbuckle	3260	-1466	+8	3255	-1461	+13	3274 sam	-1474
RTD	3360	-1566					3280	
LTD				3360	-1566		3243	

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**ALLIED CEMENTING CO., INC.**

P.O. BOX 34  
RUSSELL, KS 67665  
PH (785) 483-3887  
FAX (785) 483-5566  
FEDERAL TAX ID# [REDACTED]

\*\*\*\*\*  
\* I N V O I C E \*  
\*\*\*\*\*

**CONFIDENTIAL**

Invoice Number: 096890

Invoice Date: 05/17/05

**KCC**

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Sold Murfin Drilling Co.  
To: 250 N. Water, St. #300  
Wichita, KS  
67202

Cust I.D.....: Murfin  
P.O. Number...: Michaelis 1-22  
P.O. Date.....: 05/17/05

Due Date.: 06/16/05

Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	150.00	SKS	8.7000	1305.00	T
Gel	3.00	SKS	14.0000	42.00	T
Chloride	5.00	SKS	38.0000	190.00	T
Handling	158.00	SKS	1.6000	252.80	E
fileage min.chg.	1.00	MILE	180.0000	180.00	E
Surface	1.00	JOB	670.0000	670.00	E
fileage pmp trk	9.00	MILE	5.0000	45.00	E
Wood Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of \$ 273.98  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 2739.80  
 Tax.....: 108.26  
 Payments: 0.00  
 Total....: 2848.06

*OK DD*

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# ALLIED CEMENTING CO., INC.

16178

Federal Tax I.D. [REDACTED]

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

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SERVICE POINT:                     

DATE <u>5-9-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>12:00pm</u>	JOB START <u>12:45pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>MICHEALIS</u> WELL # <u>1-22</u>		LOCATION <u>RUSSELL T11 1W12S</u>		COUNTY <u>RUSSELL</u>		STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		EJN					

CONTRACTOR MURFIN #8  
 TYPE OF JOB SURFACE  
 HOLE SIZE 12 1/4 T.D. 218  
 CASING SIZE 8 5/8 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 10-15"  
 PERFS.  
 DISPLACEMENT 13 BBL  
**EQUIPMENT**

PUMP TRUCK CEMENTER MARIL  
 # 345 HELPER PAUL  
 BULK TRUCK  
 # 282 DRIVER KEITH  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

CEMENT CIRC  
THANKS

CHARGE TO: MURFIN  
 STREET  
 CITY STATE ZIP

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To Allied Cementing Co., Inc. **KCC WICHITA**  
 You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Larry Pickner

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 COM 3% CC 2800 EL

COMMON	<u>150</u>	@	<u>8 70</u>	<u>1305 00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>14 00</u>	<u>42 00</u>
CHLORIDE	<u>5</u>	@	<u>38 00</u>	<u>190 00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1 60</u>	<u>252 00</u>
MILEAGE	<u>67</u>	@	<u>SK/MIF</u>	<u>180 00</u>
				TOTAL <u>1969 00</u>

**SERVICE**

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>670 00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>9</u>	@	<u>5 00</u>	<u>45 00</u>
		@		
		@		
		@		
				TOTAL <u>715 00</u>

**PLUG & FLOAT EQUIPMENT**

MANIFOLD		@		
<u>8 5/8 wood</u>		@		<u>55 00</u>
		@		
		@		
		@		
				TOTAL <u>55 00</u>

TAX  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS

SIGNATURE LARRY PICKNER  
 PRINTED NAME