

**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

**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  
Wellsite Geologist: N/A

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Ab.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: Stalcup-Schierling  
Well Name: Morrison #1  
Original Comp. Date: 6/5/81    Original Total Depth: 3775  
 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. D-28495

Spud Date or Recompletion Date	Date Reached TD	<u>4/21/05</u> Completion Date or Recompletion Date
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API No. 15-185-21312-0001  
County: Stafford  
SW SW NE Sec. 28 Twp. 21 S. R. 13  East  West  
3070 S feet from S / N (circle one) Line of Section  
2310 E feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Morrison Well #: 1 SWD  
Field Name: Hazel

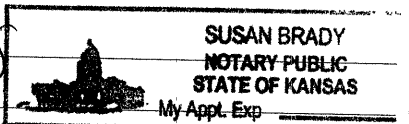
Producing Formation: Arbuckle  
Elevation: Ground: 1894 Kelly Bushing: 1899  
Total Depth: 3992 Plug Back Total Depth: 3992  
Amount of Surface Pipe Set and Cemented at 345 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If Yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** Wffm 6-26-07  
(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.: \_\_\_\_\_

**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: 5/25/2005  
Subscribed and sworn to before me this 25<sup>th</sup> day of May, 2005  
Notary Public: [Signature]  
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 5/27/05

Operator Name: Murfin Drilling Company, Inc. Lease Name: Morrison Well #: 1 SWD  
 Sec. 28 Twp. 21 S. R. 13  East  West County: Stafford

**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:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3231</td> <td>-1332</td> </tr> <tr> <td>Brown Lime</td> <td>3358</td> <td>-1459</td> </tr> <tr> <td>Lansing</td> <td>3372</td> <td>-1473</td> </tr> <tr> <td>Base KC</td> <td>3572</td> <td>-1673</td> </tr> <tr> <td>Arbuckle</td> <td>3725</td> <td>-1826</td> </tr> <tr> <td>RTD</td> <td>3775</td> <td>-1876</td> </tr> </table>	Name	Top	Datum	Heebner	3231	-1332	Brown Lime	3358	-1459	Lansing	3372	-1473	Base KC	3572	-1673	Arbuckle	3725	-1826	RTD	3775	-1876
Name	Top	Datum																				
Heebner	3231	-1332																				
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Base KC	3572	-1673																				
Arbuckle	3725	-1826																				
RTD	3775	-1876																				

**Gamma Ray Neutron**

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		345			
Liner		4 1/2	10.5	3760	A-con	150	
Production		5 1/2		3774		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				

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
	Open Hole 3762 - 3992	Acidize w/1000 gal 28% Hcl	
		<b>RECEIVED</b>	
		<b>MAY 26 2005</b>	
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		<b>MAY 25 2005</b>	
		<b>CONFIDENTIAL</b>	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	3750'	3748'	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
4/21/05		<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
				-----
Disposition of Gas		METHOD OF COMPLETION		

<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled _____ <input type="checkbox"/> Other (Specify) _____
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Sue - Note + WF

**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE OFFICE:**  
 1700 S. Country Estates Rd.  
 P.O. Box 129  
 Liberal, KS 67905-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

## Invoice

<b>Bill to:</b> MURFIN DRILLING 3490 West Jones Garden City, KS 67846	5864749	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		503180	3/31/05	10043	3/31/05
	<b>Service Description</b>				
	Cement				
		<b>Lease</b>		<b>Well</b>	
		Morrison		1	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>
	M. Robben	C. Messick	Old Well		Net 30

ID.	Description	UOM	Quantity	Unit Price	Price
D201	A-CON BLEND (COMMON)	SK	100	\$14.77	\$1,477.00 (T)
C310	CALCIUM CHLORIDE	LBS	188	\$1.00	\$188.00 (T)
C244	CEMENT FRICTION REDUCER	LB	29	\$4.75	\$137.75 (T)
F142	TOP RUBBER CEMENT PLUG, 4 1/2"	EA	1	\$56.25	\$56.25 (T)
F240	FLOAT SHOE REGULAR, 4 1/2"	EA	1	\$155.00	\$155.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$3.65	\$164.25 (T)
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	45	\$2.15	\$96.75 (T)
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	212	\$1.60	\$339.20 (T)
E107	CEMENT SERVICE CHARGE	SK	100	\$1.50	\$150.00 (T)
R308	CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC.	EA	1	\$1,670.00	\$1,670.00 (T)
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00 (T)

**Sub Total:** \$4,684.20

**Discount:** \$1,185.75

**Discount Sub Total:** \$3,498.45

Stafford County & State Tax Rate: 6.30% **Taxes:** \$220.40

(T) Taxable Item

**Total:** \$3,718.85

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PLEASE REMIT TO Acid Services, LLC, Dept No 1131, Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



INVOICE NO.  
Date 3-31-05  
Customer ID

Subject to Correction

**FIELD ORDER**

10043 ✓

Murfin Drilling

Lease Morrison  
County Stafford  
Well # 1  
State KS  
Legal 28-215-13W  
Station Pratt  
Depth  
Formation  
Shoe Joint none  
Casing 4 1/2" 10.5 #/ft  
Casing Depth 3762'  
TD 3762'  
Job Type Cement-Liner-Old Well  
Customer Representative Mark Robben  
Treater Clarence R. Messick

AFE Number PO Number

Materials Received by X Mark Robben

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
-201	100 st.	A-CON Blend (common)	-			
-310	188 lb.	Calcium Chloride	-			
-244	29 lb.	Cement Friction Reducer	-			
-142	1 ea.	Top Rubber Cement Plug, 4 1/2"	-			
-240	1 ea.	Float Shoe, Regular, 4 1/2"	-			
-100	45 mi.	Heavy Vehicle Mileage	1-way			
-101	45 mi.	Pickup Mileage	1-way			
-104	212 tm.	Bulk Delivery				
-107	100 st.	Cement Service Charge				
-308	1 ea.	Cement Pumper 3,501' - 4,000'				
-701	1 ea.	Cement Head Rental				
		Discounted Price =		\$ 3,498.45		
		Plus taxes				

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TOTAL

# TREATMENT REPORT



Customer ID		Date	
Customer <b>Murfin Drilling</b>		<b>3-31-05</b>	
Lease <b>Morrison</b>		Lease No.	Well # <b>1</b>

Field Order # <b>10043</b>	Station <b>Pratt</b>	Casing <b>4 1/2 10.5#/#ft.</b>	Depth <b>3762'</b>	County <b>Stafford</b>	State <b>KS.</b>
Type Job <b>Cement-Liner-OldWell</b>			Formation	Legal Description <b>28-215-13W</b>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>4 1/2 10.5#/#ft.</b>	Tubing Size	Shots/Ft		<b>cement</b>		RATE	PRESS	ISIP
Depth <b>3762'</b>	Depth	From	To	<b>100 sacks A-CON Blend</b>	<b>(Common)</b>	<b>with 2% C.C.</b>	<b>3% Friction Reduc</b>	<b>5 Min.</b>
Volume <b>59.82 bbl.</b>	Volume	From	To	<b>12 #/gal., 15.21 gal/stk.</b>	Max	<b>2.53 cu.ft./stk.</b>		<b>10 Min.</b>
Max Press <b>2000 P.S.I.</b>	Max Press	From	To		Min			<b>15 Min.</b>
Well Connection <b>Plug Cent.</b>	Annulus Vol.	From	To		Avg			<b>HHP Used</b>
Plug Depth, <b>3761</b>	Packer Depth	From	To	Flush <b>59.82 bbl. Fresh H<sub>2</sub>O</b>	Gas Volume			<b>Annulus Pressure</b>
								<b>Total Load</b>

Customer Representative <b>Mark Robben</b>	Station Manager <b>Dave Autry</b>	Treater <b>Clarence R. Messick</b>
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Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
3:30			119	380	Trucks on location and hold safety meeting
7:31				3	Casing in well. Pump casing volume of salt water
	500		40	2	Casing loaded.
			60		Returns clean - no more oil.
9:04					Start Fresh H <sub>2</sub> O to Establish circulation
9:06	500		3	2.5	Start to mix 100 sacks A-CON
9:20	300		43		Stop pumping. Shut in head. Wash pump & lines, Release plug
9:25	300			3	Start Fresh H <sub>2</sub> O Displacement
9:37	1200		40	2.3	Slow rate
9:44	1500		54	1	slow rate
9:50	2000		60		Plug down. Circulate 13 sacks cement to pit
					Release pressure. Insert had slow dribble
					P.S.I. up to 300 P.S.I. and shut in head.
					Wash up pump truck
					Job Complete
					Thanks
					Clarence R. Messick

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