

**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: Jeff Zoller  
 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>8/10/04</u>	<u>8/21/04</u>	<u>10/18/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23268-0000  
 County: Stafford  
SW NE NE Sec. 12 Twp. 22 S. R. 13  East  West  
990 N feet from S (N) (circle one) Line of Section  
1040 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: Arthur Drach Well #: 1-12  
 Field Name: Gates  
 Producing Formation: Arbuckle  
 Elevation: Ground: 1887' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 3800' Plug Back Total Depth: 3802'  
 Amount of Surface Pipe Set and Cemented at 733' 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)*  
 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.: \_\_\_\_\_

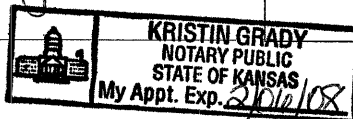
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 2005  
 Subscribed and sworn to before me this 3rd day of January  
2005.  
 Notary Public: Kristin Grady  
 Date Commission Expires: 2/06/08

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: 1/26/05  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution



Operator Name: Murfin Drilling Company, Inc. Lease Name: Arthur Drach Well #: 1-12  
 Sec. 12 Twp. 22 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:  <b>Microresistivity, Dual Induction, Dual Compensated Logs</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum    SEE ATTACHED LIST
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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	12 1/4"	8 5/8"	23#	733'	A-Con	200	3% CC 12.5ppg
						150	60/40 Poz 2% gel 3%CC 14.7ppg
Production		5 1/2"		3799'		<del>26,100</del> <b>195</b>	Scavenger, AA2 Premium

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
4 spf	3670-3674	EHSC <b>RECEIVED</b> <b>JAN 04 2005</b> <b>KCC WICHITA</b>	3670-74

TUBING RECORD		Size Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
		2 7/8"	3680.53'	
Date of First, Resumerd Production, SWD or Enhr. 11/1/04		Producing Method <input type="checkbox"/> Flowing <input checked="" 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
	25 bbls	-----	28 bbls water	

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

METHOD OF COMPLETION

Production Interval  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_



**SALES OFFICE:**  
 100 S. Main  
 Suite #607  
 Wichita KS 67202  
 (316) 262-3599  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hwy 61  
 P.O. Box 8613  
 Pratt, KS 67124-8813  
 (620) 672-1201  
 (620) 672-5383 FAX

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

### Invoice

	<b>Discount Sub Total:</b>	\$9,511.72
<i>Stafford County &amp; State Tax Rate:</i> 6.30%	<b>Taxes:</b>	\$450.94
<i>(T) Taxable Item</i>	<b>Total:</b>	<b>\$9,962.66</b>

Arthur Drach 1-12

## WELL FILE

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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.



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 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (620) 672-1201  
 (620) 672-5383 FAX

**SALES & SERVICE:**  
 1700 S. Country Es  
 P.O. Box 129  
 Liberal, KS 67805-0129  
 (620) 624-2277  
 (620) 624-2280 FAX

**Invoice**

<b>Bill to:</b> Harris Oil & Gas Co. 1125 17th St. Suite 2290 Denver, CO 80202-2037	3440000	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
		408097	8/27/04	8167	8/21/04
	<b>Service Description</b>				
	Cement				
		<b>Lease</b>		<b>Well</b>	
		A. Drach		1-12	
<b>A/E</b>	<b>Customer Rep</b>	<b>Treatm.</b>	<b>Well No.</b>	<b>Purchase Order</b>	<b>Terms</b>
	Jeff	K. Gordley	New Well		Net 30

ID	Description	UOM	Quantity	Unit Price	Price
D105	AA2 (PREMIUM)	SK	160	\$15.00	\$2,400.00 (T)
D203	60/40 POZ (COMMON)	SK	35	\$8.25	\$288.75 (T)
C195	FLA-322	LB	121	\$7.50	\$907.50 (T)
C221	SALT (Fine)	GAL	1168	\$0.25	\$292.00 (T)
C243	DEFOAMER	LB	16	\$3.45	\$55.20 (T)
C244	CEMENT FRICTION REDUCER	LB	55	\$4.75	\$261.25 (T)
C312	GAS BLOCK	LB	114	\$5.15	\$587.10 (T)
C321	GILSONITE	LB	800	\$0.60	\$480.00 (T)
C303	SUPER FLUSH	GAL	500	\$3.25	\$1,625.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	11	\$71.00	\$781.00 (T)
F143	TOP RUBBER CEMENT PLUG, 5 1/2"	EA	1	\$70.00	\$70.00 (T)
F191	GUIDE SHOE-REGULAR, 5 1/2"	EA	1	\$185.00	\$185.00 (T)
F231	FLAPPER TYPE INSERT FLOAT VALVES, 5 1/2"	EA	1	\$175.00	\$175.00 (T)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	25	\$44.00	\$1,100.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	8	\$42.00	\$336.00 (T)
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.50	\$140.00
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	40	\$2.00	\$80.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	364	\$1.50	\$546.00
E107	CEMENT SERVICE CHARGE	SK	195	\$1.50	\$292.50
R208	CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC	EA	1	\$1,680.00	\$1,680.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
R702	CASING SWIVEL RENTAL	EA	1	\$150.00	\$150.00

**Sub Total:** \$12,682.30  
**Discount:** \$3,170.58

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

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OCT-11-2004 MON 08:58 AM

ICID\_SERVICES

620 6 7019

P. 04

TO: Tom From: DAN

TREATMENT REPORT



Customer ID		Date	
Customer WARRIERS CRT #6113		8-21-04	
Lease H. DRACH		Lease No.	Well # 1-12
Field Order # 8167	Station 16911, KS	Casing 5 1/2	Depth 3779
County STAFFORD		State KS	
Type Job LOWESTRENGTH - NW	Formation TD - 3800'	Legal Description 12-22-13	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft	15.4 224	Fluid	160 SK H112 (10-MIN)	RATE	PRESS	ISIP
Depth 3779	Depth	From	To 3742	Pre-Flush	10% SMT 5 #/R (3.5 MINUTE)	Max		5 Min. 41-6
Volume	Volume	From	To	Prod	2 1/2% FLA-322	Min		10 Min. 40-35-6
Max Press	Max Press	From	To	Free	3 1/2% CFC, 1/2	Surge		15 Min.
Well Connection	Annulus Vol.	From	To	Flush		HP Used		Annulus Pressure
Plug Depth 3764	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative: JEFF Station Manager: H. DRACH Treater: K. CROKLEY

Service Units	120	27	35	71
---------------	-----	----	----	----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2230					IN LOCATION
					RECEIVED
					JAN 04 2005
					KCC WICHITA
0045					SEPARATORS - 2-3-4-7-8-9-10-11
					TRAP BOTTOM - DRUG BALL - BREAK CCK
					RUNNING 14-5200
0215	250		20	6	Flow 20 bbl SMT FLUSH
	250		12	6	Flow 12 bbl SMT FLUSH
	250		5	6	Flow 5 bbl H2O
	200		39	6	MIX 160 SK H112 (10-MIN)
					10% SMT 5 #/R (3.5 MINUTE) 2 1/2%
					FLA 322 3/4% FLA 15 BBL 3 1/2% CFC
					1 1/2% DE-FORMER - 15.4 224 1.37%
					STOP - 10 MIN LANE - DRUG BALL
	0		0	7	START DESP W/ 2% H2O
	200		64	7	LIFT TREATMENT
0245	1000		87.3	4	PLUG DOWN - (HOLD)
					PLUG BALL HALL

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

1330 I.P. WHITE White - Accounting • Canary - Customer • Pink - Field Office Thanks V. V. V. Printing, Inc.



TO: Tom

From: DAN

**WELLFILE**

**SALES OFFICE:**  
100 E. Main  
Suite #607  
Wichita KS 67202  
(316) 262-3699  
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1700 S. Country Estates Rd.  
PO. Box 129  
Liberal, KS 67505-0129  
(620) 624-2277  
(620) 624-2280 FAX

**Invoice**

<b>Bill to:</b>			3440000	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
Harris Oil & Gas Co. 1125 17th St. Suite 2290 Denver, CO 80202-2037				408058	8/23/04	8162	8/11/04
				<b>Service Description</b>			
				Cement			
				<b>Lease</b>		<b>Well</b>	
				A. Drach		1-12	
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>		<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
	J. Zoller	K. Gardley		New Well		Net 30	
<b>ID.</b>	<b>Description</b>	<b>UOM</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Price</b>		
D201	A-CON BLEND (COMMON)	SK	200	\$14.15	\$2,830.00 (T)		
D203	60/40 POZ (COMMON)	SK	150	\$8.25	\$1,237.50 (T)		
C310	CALCIUM CHLORIDE	LBS	951	\$0.80	\$760.80 (T)		
F163	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$85.00	\$85.00 (T)		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$3.50	\$140.00		
E101	CAR, PICKUP OR VAN MILEAGE - 1 WAY	MI	40	\$2.00	\$80.00		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	634	\$1.50	\$951.00		
E107	CEMENT SERVICE CHARGE	SK	350	\$1.50	\$525.00		
R202	CASING CEMENT PUMPER, 501-1,000' 1ST 4 HRS ON LOC.	EA	1	\$924.00	\$924.00		
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00		
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	6	\$210.00	\$1,260.00		

**Sub Total:** \$9,043.30

**Discount:** \$2,260.83

**Discount Sub Total:** \$6,782.47

**Stafford County & State Tax Rate: 6.30%** **Taxes:** \$232.15

(T) Taxable Item

**Total:** \$7,014.62

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### TREATMENT REPORT



Customer ID		Date	
Customer <i>ATKINS OIL &amp; GAS</i>		<i>8-11-04</i>	
Lease <i>A. DRACH</i>		Lease No.	Well # <i>1-12</i>
Field Order # <i>8162</i>	Station <i>Pratt, Ks.</i>	Casing <i>8 5/8</i>	Depth <i>781</i>
Type Job <i>SURFACE - NW</i>	Formation	County <i>STAFFORD</i>	State <i>Ks.</i>
		Legal Description <i>12-22-13</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>781</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative: *J. ZOLLER* Station Manager: *HUTCHY* Treater: *GORDNEY*

Service Units		170	27	35	71			
Time	Casing Pressure	Tubing Pressure	Ebb. Pumped	Rate	Service Log			
<i>0000</i>					<i>WU LOCATION</i>			
					<i>RECEIVED</i>			
<i>0800</i>					<i>JAN 04 2005</i>			
					<i>KCC WICHITA</i>			
					<i>BREAK CIRC.</i>			
					<i>WITEX CEMENT</i>			
<i>0900</i>	<i>250</i>		<i>78</i>	<i>6</i>	<i>200 SK. H-CON 3% CC 12.6 PPS</i>			
	<i>200</i>		<i>33</i>	<i>6</i>	<i>150 SK. 6 3/4 POZ 2% GEL, 3% CC</i>			
			<i>111</i>		<i>14.7 PPS</i>			
					<i>STOP - RELEASE PLUG</i>			
	<i>0</i>		<i>0</i>	<i>6</i>	<i>START DISP.</i>			
<i>0930</i>	<i>300</i>		<i>46</i>	<i>6</i>	<i>PLUG DOWN</i>			
					<i>CIRC. 30 SK. CEMENT TO SET</i>			
<i>1000</i>					<i>JOB COMPLETE - THOMAS - KELLY</i>			

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