

FORM MUST BE TYPED

CONFIDENTIAL SIDE ONE

CONFIDENTIAL TIGHT HOLE

STATE CORPORATION COMMISSION OF KANSAS OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM ACO-1 WELL HISTORY DESCRIPTION OF WELL AND LEASE

API NO. 15- 093-21730- County KEARNY Sec 23 Twp. 24S Rge. 37 W

Operator: License # 30606 Name: Murfin Drilling Co., Inc. Address 250 N. Water, Suite 300 City/State/Zip Wichita, KS 67202

4620 Feet from S/N (circle one) Line of Section 3300 Feet from E/W (circle one) Line of Section Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one)

Purchaser: Operator Contact Person Tom W. Nichols Phone (316) 267 - 3241

Lease Name HANNAGAN TRUST Well # 1-23 Field Name UNKNOWN Producing Formation NONE Elevation: Ground 3219 KB 3229

Contractor: Name: Murfin Drilling Co., Inc. License: 30606

Total Depth 5095 PBTB Amount of Surface Pipe Set and Cemented at 1842' Feet

Wellsite Geologist: Paul Gunzelman Designate Type of completion X New Well Re-Entry Workover

Multiple Stage Cementing Collar Used? Yes X No If yes, show depth set Feet

Oil SWD SIOW Temp. Abd. Gas ENHR SIGW X Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from feet depth to w/ sx cmt.

If Workover/Re-Entry: old well info as follows:

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Pak Per 10.3.03

Operator: Well Name: Comp. Date Old Total Depth Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTB Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No. Spud Date 7/10/03 Date Reached TD 7/21/03 Completion Date 7/21/03

Chloride content ppm Fluid volume 2500 bbls Dewatering method used Evaporation Location of fluid disposal if hauled offsite: Operator Name Lease Name License No. Quarter Sec. Twp. S Rng. E/W 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 on 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 Tom W. Nichols Title Tom W. Nichols, Production Manager Date 2003 Subscribed and sworn to before me this 28th day of July 2003 Notary Public Barbara J. Dodson Date Commission Expires 12/16/03

K.C.C. OFFICE USE ONLY Letter of Confidentiality Attached Wireline Log Received Geologist Report Received Distribution KCC SWD/Rep NGPA KGS Plug Other (Specify)

BARBARA J. DODSON NOTARY PUBLIC STATE OF KANSAS My Appt. Exp. 12-16-03

Operator Name Murfin Drilling Co. Inc.

Lease Name Hannagan Trust Well # 1-23

Sec. 23 Twp. 24S Rge. 37 W

East  
 West

County Kearny

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)

Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey  Yes  No

Name \_\_\_\_\_ Top \_\_\_\_\_ Datum \_\_\_\_\_

Cores Taken  Yes  No

SEE ATTACHED LIST

Electric Log Run  Yes  No  
(Submit Copy.)

List all E.Log Dual Ind w/GR, Comp. Neu.Den, Micro  
Gamma Ray Nuetron

**CASING RECORD**  New  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"	24#	1842'	COMM lite	100 485	

**ADDITIONAL CEMENTING/SQUEEZE RECORD**

Purpose: _ Perforate _ Protect Csg _ Plug Back TD _ Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives

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
	none		

TUBING RECORD	Size	Set At	Packer At	Liner <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or Inj. none	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other
Estimated Production Per 24 Hours	Oil Bbbs Gas Mcf Water Bbbs 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)



**CONFIDENTIAL**

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

APPROVED \_\_\_\_\_

**KCC**  
AUG 04 2003

**ORIGINAL**

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

**SALES & SERVICE OFFICE:**  
40244 NE Hiway 81  
P.O. Box 8613  
Pratt, KS 67124-8613  
(316) 672-1201  
(316) 672-5383 FAX

**RELEASED**

**ACIDIZING - FRACTURING - CEMENTING**

FROM  
**CONFIDENTIAL**  
*Invoicee*

*Operator Pay*

<b>Bill to:</b>		5873197	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
MURFIN DRILLING Box 288 Russell, KS 67605			307051	7/24/03	6572	7/11/03
<b>Service Description</b>						
Cement						
<b>Lease</b>				<b>Well</b>		
Hannagan				1-23		
<b>AFE</b>	<b>CustomerRep</b>	<b>Treater</b>	<b>Well Type</b>	<b>Purchase Order</b>	<b>Terms</b>	
		S. Frederick	New Well		Net 30	

**RECEIVED**  
AUG 05 2003  
KCC WICHITA

ID.	Description	UOM	Quantity	Unit Price	Price
D200	COMMON	SK	100	\$10.39	\$1,039.00 (T)
D201	A-CON BLEND (COMMON)	SK	475	\$13.08	\$6,213.00 (T)
C310	CALCIUM CHLORIDE	LBS	1556	\$0.75	\$1,167.00 (T)
C194	CELLFLAKE	LB	138	\$2.00	\$276.00 (T)
F103	CENTRALIZER, 8 5/8"	EA	3	\$90.00	\$270.00 (T)
F145	TOP RUBBER CEMENT PLUG, 8 5/8"	EA	1	\$145.00	\$145.00 (T)
F233	FLAPPER TYPE INSERT FLOAT VALVES, 8 5/8"	EA	1	\$265.00	\$265.00 (T)
F193	GUIDE SHOE-REGULAR, 8 5/8"	EA	1	\$260.00	\$260.00 (T)
F800	THREADLOCK COMPOUND KIT	EA	1	\$30.00	\$30.00 (T)
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00
E107	CEMENT SERVICE CHARGE	SK	585	\$1.50	\$877.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	80	\$3.25	\$260.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	2200	\$1.30	\$2,860.00
R204	CASING CEMENT PUMPER, 1501-2000' 1ST 4 HRS ON LOC	EA	1	\$1,376.00	\$1,376.00

					<b>Sub Total:</b>	\$15,288.50
					<b>Discount:</b>	\$5,444.35
					<b>Discount Sub Total:</b>	\$9,844.15
				<b>Tax Rate: 5.30%</b>	<b>Taxes:</b>	\$329.83
				(T) Taxable Item	<b>Total:</b>	\$10,173.98

*CB600 01400 1691 10,173.98 Cement S. Co.*

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.

CONFIDENTIAL

KCC

AUG 04 2003

ORIGINAL



INVOICE NO.	Subject to Contract			<b>FIELD ORDER</b> 6572	
Date 7-11-03	Lease HANNAGAN	Well # 1-23	Legal 23-245-374		
Customer ID	County KEARNEY	State KS	Station LIBERAL		
CHARGE MURFIN Drilling	Depth	Formation	Shoe Joint 44		
	Casing 8 5/8	Casing Depth 1845	TD 1845	Job Type Surface 8 5/8 New Well	
	Customer Representative		Treater Shawn Frederick		

AFE Number	PO Number	Materials Received by X <i>Jim P...</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D200	100SK	Common				
D201	475SK	A-CON (Common BLEND)				
C310	1556 lb	CALCIUM CHLORIDE				
C194	138 lb	CELL FLAKE				
F103	3ea	CENTRALIZER 8 5/8				
F145	1ea	TOP RUBBER PLUG 8 5/8				
F233	1ea	FLAPPER INSERT VALVE 8 5/8				
F193	1ea	Guide Shoe - Regular 8 5/8				
F800	1ea	THREAD LOCK				
R701	1ea	CMT HEAD RENTAL				
E107	585 SK	CMT SERVICE CHARGE				
E100	80mi	UNITS 1 MILES 1 way				
E104	2200 TM	TONS 27.5 MILES 86				
R204	1ea	EA. 4hrs PUMP CHARGE				
Discounted TOTAL PLUS TAX						9844.75

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AUG 05 2003  
KCC WICHITA

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

TOTAL

Taylor Printing, Inc.

White - Accounting • Canary - Customer • Pink - Field Office

CONFIDENTIAL

KCC  
AUG 04 2003

TREATMENT REPORT

ORIGINAL  
RECEIVED

AUG 05 2003

KCC WICHITA



Customer ID	CONFIDENTIAL	Date	7-11-03
Customer	HANNAGAN MURFIN	Lease No.	
Lease	HANNAGAN	Well #	1-23

Field Order #	6572	Station	LABREAL	Casing	8 5/8	Depth	1845	County	KEARNEY	State	KS
Type Job	8 5/8 Surface New well			Formation				Legal Description	23-245-37W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	8 5/8	Tubing Size		Acid	485 Sks A-CON	RATE	PRESS	ISIP
Depth	1845	From	To	Pre-Pad	100 Sks Common	Max		5 Min.
Volume	115	From	To	Pad		Min		10 Min.
Max Press	1500	From	To	Frac		Avg		15 Min.
Well Connection	P.E.	From	To	Flush	WATER	HHP Used		Annulus Pressure
Plug Depth		From	To			Gas Volume		Total Load

Customer Representative		Station Manager	DICK MORRIS	Treater	Shawn Frederick
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Service Units	28	108	38	72	30	70			
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1100					ON LOCATION / RIG Pulling D.P.
1105					PRE-JOB SAFETY MEETING
1110					RIG UP P.T.
1200					D.P. OUT OF HOLE / RIG UP CASERS
1300					START IN W/ Casing / F.E.
1530					CASING ON BOTTOM / Hook lines To P.C.
1545					BREAK Cir W/ RIG
1610					THROUGH Cir / Hook lines To P.T.
1614	150		255	5	Pump 485 sk A-CON w/ 3% CC 1/4" Cell flake 2.96 yld e 11.5" ps
1700	100		24	5	Pump 100 sk Common w/ 2% CC 1/4" Cell flake 1.34 yld e 14.8" ps
1705					SHUT DOWN / DROP PLUG
1707	0		115	6	Pump Disp
1723	250		(70 Bbls in)	6	CMT TO PIT
1727	400			2	Slow RATE
1732	1200			2	LAND PLUG
1733					Release float --- HEUD
1800					JOB Complete

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