

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

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

Purchaser: Operator Contact Person Tom W. Nichols Phone (316) 267-3241 Contractor: Name: Murfin Drilling Co., Inc. License: 30606

Wellsite Geologist: PAUL GUNZELMAN Designate Type of completion x New Well Re-Entry Workover x Oil SWD SIOW Temp. Abd. Gas ENHR SIGW Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows: Operator: Well Name: Comp. Date Old Total Depth Deepening Re-perf. Conv. to Inj/SWD Plug Back PBTD Commingled Docket No. Dual Completion Docket No. Other (SWD or Inj?) Docket No.

1/16/03 Spud Date 1/23/03 Date Reached TD 2/14/03 Completion Date

API NO. 15051-25189 0000 County ELLIS - N2 - NE - NE Sec 5 Twp. 11S Rge 19 W 5150 Feet from S/N (circle one) Line of Section 800 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner: NE, SE, NW or SW (circle one) Lease Name KELLER BOWMAN Well # 1-5

Field Name SESSIN NW Producing Formation LANSING/KC Elevation: Ground 2102 KB 2107 Total Depth 3740 PBTD

Amount of Surface Pipe Set and Cemented at 214 Feet Multiple Stage Cementing Collar Used? X Yes No If yes, show depth set 1481 Feet

If Alternate II completion, cement circulated from SURFACE feet depth to 1483 w/ 145 sx cmt. Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)

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.

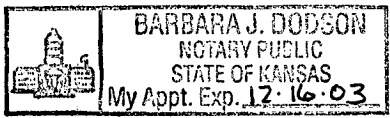
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 February 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)

Operator Name Murfin Drilling Co. Inc.

Lease Name KELLER BOWMAN Well # 1-5

Sec. 5 Twp. 11S Rge. 19 W East West

County ELLIS

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.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
(Submit Copy.)
List all E.Log Dual Induction, Microresistivity, Dual Compensated Porosity

Log Formation (Top), Depth and Datums Sample
Name Top Datum
SEE ATTACHED LIST

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#	214'	COMM	160	3%cc 2% gel
Production		5 1/2"	15.5#	3739'	COMM	145	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <u> </u> Perforate <input checked="" type="checkbox"/> <u> </u> Protect Csg <u> </u> Plug Back TD <u> </u> Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
	SURFACE	1481	185 AA-2	

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	3542-46 L, 3512-16 J, 3431-34 G, 3421-24 E/F, 3394-98 D, 3378-83 B	500 GAL 15% MCA Acid.	3542-46 L
	CIBP @ 3536'	1750gals 15%MCA acid	3512-16 & 3505-08
		250 gals 15%MCA acid	3421-24 E/F
		750gals 15% MCA acid 250 gals 15% MCA acid	3394-98D 3378-83 B

TUBING RECORD	Size	Set At	Packer At	Liner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	2 3/8"	3527'			

Date of First, Resumed Production, SWD or Inj.	Producing Method	Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water 58BW Bbls.	Gas-Oil Ratio	Gravity
2/14/03	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other						

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)

as above

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KCC

FEB 28 2003

ORIGINAL



INVOICE NO.
Date 1-31-03
Customer ID

Subject to Correction CONFIDENTIAL

FIELD ORDER

5783

CHARGE

Lease KEMER-BOWMAN	Well # 1-5	Legal 5-11-19
County EQUIS	State Ks.	Station Pratt, Ks.
Depth PORT COLLAR - 14'81"	Formation	Shoe Joint
Casing 5 1/2"	Casing Depth	TD
Customer Representative G. BERSTNER	Treater K. GORDON	Job Type NEW PORT COLLAR WELL

AFE Number

PO Number

Materials Received by

X John Lester

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D201	185 SL	A-CON CEMENT	✓			
C310	522 LB	CALCIUM CHLORIDE	✓			
						RECEIVED
						MAR 03 2003
						KCC WICHITA
E107	185 SL	CEMENTS SERV. CHARGE				
E100	120 mile	UNITS	MILES			
B104	1044 TONS	TONS	MILES			
R400	1 EA	EA.	PUMP CHARGE			
		PRICE		3697.73		

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TOTAL

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ORIGINAL

FEB 28 2003

TREATMENT REPORT



Customer ID CONFIDENTIAL	Date 1-31-03
Customer MURPHY DRILL CO	Lease No. 1-5
Lease KELLER-BOWMAN	Well # 1-5
Field Order # 5783	Station PRATT, KS
Casing 5 1/2	Depth KS
Type Job PORT COLLAR - NEW WELL	County ELLIS
Formation	Legal Description 5-11-19

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 3/8	Shot PORT COLLAR	Acid	Rate	Press	ISIP		
Depth	Depth	From 1481	To	Pre Pad	Max	5 Min.		
Volume	Volume	From	To	Pad	Min	10 Min.	RECEIVED	
Max Press	Max Press	From	To	Frac	Avg	15 Min.	MAR 03 2003	
Well Connection	Annulus Vol.	From	To	Flush	HHP Used	Annulus Pressure	KCC WASHITA	
Plug Depth	Packer Depth	From	To		Gas Volume	Total		

Customer Representative J. GERSTNER	Station Manager D. AUSTIN	Treater K. GORDON
Service Units 107 35 57 44 72		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0900					ON LOCATION
					PORT COLLAR AT 1481'
1000	1000				PSD TEST CHASING
					OPEN PORT COLLAR
	400		5	2	BREAK CORE - BLOW
	400				MIX CEMENT
	900		84	3	185 SK. AT CON 3% CC.
			DID NOT		CORE CEMENT TO PSD
	900		0	3	START FLOW
	700		5	3	FLOW FLOW
					CLOSE PORT COLLAR
	1000				PSD TEST CHASING
					RUN 4 JTS. TUBING
1045	300		12	2	REVERSE OLV
					CORE. MADE WITH 150 SK. MIXED
					DID NOT CORE CEMENT
1130					JOB COMPLETE
					THANKS - KELLER

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ORIGINAL

SALES OFFICE:
 100 S. Main
 Suite #607
 Wichita KS 67202
 (316) 262-3899
 (316) 262-5799 FAX

SALES & SERVICE OFFICE:
 10244 NE Hiway 61
 P.O. Box 8613
 Pratt, KS 67124-8613
 (316) 672-1201
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		5873197	Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING			301098	1/27/03	5825	1/22/03
Box 288			Service Description			
Russell, KS 67605		KCC	Cement			
		FEB 28 2003	RECEIVED			
		CONFIDENTIAL	MAR 03 2003			
			Lease		Well	
			Keller Bowman		1-5	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms	
	J. Gerstner	D. Scott	New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D205	AA2 (COMMON)	SK	145	\$13.19	\$1,912.55 (T)
D203	60/40 POZ (COMMON)	SK	25	\$7.84	\$196.00 (T)
C195	FLA-322	LB	110	\$7.50	\$825.00 (T)
C221	SALT (Fine)	GAL	859	\$0.25	\$214.75 (T)
C243	DEFOAMER	LB	28	\$3.00	\$84.00 (T)
C141	CC-1, KCL SUBSTITUTE	GAL	2	\$40.00	\$80.00 (T)
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00 (T)
F292	CEMENT SCRATCHERS ROTATING TYPE	EA	18	\$44.00	\$792.00 (T)
F101	TURBOLIZER, 5 1/2"	EA	9	\$71.00	\$639.00 (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	\$165.00	\$165.00 (T)
F121	BASKET, 5 1/2"	EA	1	\$205.00	\$205.00 (T)
F261	CEMENT PORT COLLAR, 5 1/2"	EA	1	\$3,000.00	\$3,000.00 (T)
E107	CEMENT SERVICE CHARGE	SK	170	\$1.50	\$255.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	120	\$3.25	\$390.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	954	\$1.30	\$1,240.20
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	\$125.00	\$125.00

Sub Total: \$12,683.50
Discount: \$4,568.57

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.

Prod. Co.



ORIGINAL

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
(316) 672-1201
(316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

Invoice

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FEB 28 2003
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<i>Discount Sub Total:</i>	\$8,114.93
<i>Tax Rate: 6.30%</i>	<i>Taxes:</i> \$352.42
<i>(T) Taxable Item</i>	<i>Total:</i> \$8,467.35

RECEIVED
MAR 03 2003
KCC WICHITA

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INVOICE NO.		Subject to Correction		FIELD ORDER 5825	
Date	1-22-03	Lease	Keller (Bowman)	Well #	1-5
Customer ID		County	Ellis	State	KS
		Depth		Formation	TP=3749' 13.5ppf 20.
		Casing	5 1/2	Casing Depth	3739
				TD	3740
		Customer Representative	John Gerstner	Treater	D. Scott

CHARGE

Murfin Drilling Co.

KCC

FEB 28 2003

Job Type
Long String New Well

AFE Number

PO Number

CONFIDENTIAL

Materials Received by

X John Gerstner

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D205	145 ski	AA-2 Common	✓			
D203	25 ski	60/40 no2 Common	✓			
C195	110 lb.	FLA-322	✓			
C221	859 lb.	Salt fine	✓			
C243	28 lb.	DeFoamer	✓			
C141	2 gal	CC-1	✓			
C302	500 gal	mad flush	✓			
F292	18" eq	Rotating Scratchers 90°	✓			
F101	9 cc	Centralizers 5 1/2"	✓			
F143	1 eq	Top Swiper Plug "	✓			
F191	1 eq	Guide Shoe "	✓			
F231	1 cc	ISFV w/Fill "	✓			
F121	1 cc	Cmt Basket "	✓			
F261	1 cc	Cmt Port Collar "	✓			
E107	170 ski	Cmt Serv Chy				
E100	1 cc	UNITS 1way MILES 120				
E104	954 tm	TONS 1way MILES 120				
R208	1 cc	EA. 3501-4000 PUMP CHARGE				
R701	1 cc	Cmt Head Rental				
R702	1 cc	Csg Swivel Rental				
Discounted Price =				8114.93		

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TOTAL



CONFIDENTIAL

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FEB 28 2003

ORIGINAL
TREATMENT REPORT

Customer ID	CONFIDENTIAL		Date	1-22-03	
Customer	Martin Drilling Co		Lease No.	1-5	
Lease	Keller Bowman		Well #	1-5	
Field Order #	Station	Casing	Depth	County	State
3823	Pratt KS	3 1/2	3739	Ellis	KS

Type Job: Long String New Well
Formation: _____
Legal Description: 5-1/2 - 19w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Port	Acid	Rate	Press	ISIP	
3 1/2	PBTD	Collar @ 1483		143 slt AA-2, 8A	FLA-322	2500		
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
3719	PBTD			10 salt, 2 lb Defoamer				
Volume	Volume	From	To	Pad	Min		10 Min.	
88.5				1.44 @ 13.0 ppg				
Max Press	Max Press	From	To	Frac	Avg			RECEIVED
2500				25 slt Poz for R.H.				
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
				37.1 Bbls 5L				MAR 03 2003
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	
				2 1/2 KCL mud flush				KCC WICHITA

Customer Representative: John Gerstner
Station Manager: Dave Autry
Treater: D. Scott

Service Units	106	35	57	44	22
---------------	-----	----	----	----	----

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1400					On loc w/ Trili Safety mtg Cent 1-4-6-8-10-12-17-29-54 Basket 57th P.C. Top 57th = 1483' Csg on Bottom Drop Balla Merc 4/Rig
1930	300		25	6-	St 2 1/2 KCL flush
1934	300		12	6	St mud flush
1937	300		5	6	H2O spacer
1940	300		37.1	5.5	mix 143 slt Cmt @ 15.0 ppg
1950			10	5	Chase In + Wash Pumpo line
1953	100			7	Release Top Sniper Plug + St Disp w/ H.L
2002	500		63	6	Lifting Cmt 63 Bbls Out
2007	1200		88.7	6	Plug Down + psi Test Csg
2015	0				Release psi float Held Good line During Job
					Job Complete Thank you Scotty

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ALLIED CEMENTING CO., INC.
 P.O. BOX 31
 RUSSELL, KS 67665
 PH (785) 483-3887
 FAX (785) 483-5566
 FEDERAL TAX ID [REDACTED]

CONFIDENTIAL

KCC

FEB 28 2003

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ORIGINAL 2-20-03

 * I N V O I C E *

Invoice Number: 089022

Invoice Date: 01/23/03

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

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 MAR 03 2003
 KCC WICHITA

Cust I.D. : Murfin
 P.O. Number . . . : KellBowman 1-5
 P.O. Date : 01/23/03
 Due Date: 02/22/03
 Terms: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	160.00	SKS	6.6500	1064.00	E
Gel	3.00	SKS	10.0000	30.00	E
Chloride	5.00	SKS	30.0000	150.00	E
Handling	160.00	SKS	1.1000	176.00	E
Mileage (23) 160 sks @\$.04 per sk per mi	23.00	MILE	6.4000	147.20	E
Surface	1.00	JOB	520.0000	520.00	E
Mileage pmp trk	23.00	MILE	3.0000	69.00	E
Plug	1.00	EACH	45.0000	45.00	E

All Prices Are Net, Payable 30 Days Following Date of Invoice. 1 1/2% Charged Thereafter.
 If Account CURRENT take Discount of \$ 220.12
 ONLY if paid within 30 days from Invoice Date

Subtotal: 2201.20
 Tax: 0.00
 Payments: 0.00
 Total: 2201.20

220.12
 1981.08

Account	Unit	W	Description
Rig	L		
05000	008	W	1564 2201.20 Cement S. Csg. (220.12)

OK
 DD



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ORIGINAL

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ACIDIZING - FRACTURING - CEMENTING

Invoice

Bill to:		5873197		Invoice	Invoice Date	Order	Order Date
MURFIN DRILLING		KCC		301124	1/31/03	5783	1/31/03
Box 288		FEB 28 2003		Service Description			
Russell, KS 67605		CONFIDENTIAL		Cement			
				Lease		Well	
				Keller Bowman		1-5	
AFE	CustomerRep	Treater	Well Type	Purchase Order	Terms		
	J. Gerstner	K. Gordley	New Well		Net 30		

RECEIVED
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 KCC WICHITA

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D201	A-CON BLEND (COMMON)	SK	185	\$13.08	\$2,419.80 (T)
C310	CALCIUM CHLORIDE	LBS	522	\$0.75	\$391.50 (T)
E107	CEMENT SERVICE CHARGE	SK	185	\$1.50	\$277.50
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	120	\$3.25	\$390.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	1044	\$1.30	\$1,357.20
R400	CEMENT PUMPER, PLUG & ABANDON (Workover Unit) 2 HR	EA	1	\$683.00	\$683.00

Sub Total:	\$5,519.00
Discount:	\$1,821.27
Discount Sub Total:	\$3,697.73
Tax Rate: 6.30%	Taxes: \$118.66
(T) Taxable Item	Total: \$3,816.39

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

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