

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

~~CONFIDENTIAL~~
~~TIGHTHOLE~~

API NO. 15-163-23320-0000
County Rooks
-NE -NW - SW Sec 17 Twp. 10S Rge 9

Operator: License # 30606 **CONFIDENTIAL**

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202 **KCC**

Purchaser: _____ **JUL 25 2001**

Operator Contact Person: Larry M. Jack **CONFIDENTIAL**

Phone (316) 267-3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: Roger Welty

Designate Type of completion
 New Well Re-Entry Workover **ORIGINAL**
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth **FROM CONFIDENTIAL**

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

5/3/01 5/10/01 5/21/01
Spud Date Date Reached TD Completion Date

2310 Feet from S (circle one) Line of Section

820 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Berland B Well # 5-17

Field Name Marcotte

Producing Formation Arbuckle

Elevation: Ground 2201' KB 2206'

Total Depth 3866' PBTD3829'

Amount of Surface Pipe Set and Cemented at 229' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 1661 Feet

If Alternate II completion, cement circulated from 1661

feet depth to SURFACE w/ 115 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) **ALT IF 1-30-03**

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.

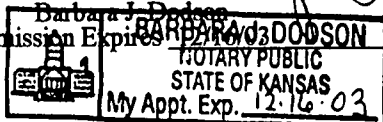
Signature Larry M. Jack

Title Larry M. Jack, Production Manager Date 2001

Subscribed and sworn to before me this 24th day of JULY 2001.

Notary Public Barbara J. Dodson

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

KANSAS CORPORATION COMMISSION

JUL 25 2001
7-25-01

Operator Name Murfin Drilling Co. Inc.

Lease Name Berland B Well # 5-17

Sec 17 ___ Twp. 10 S Rge. 19W

East
 West

County Rooks

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 Log Formation (Top), Depth and Datums Sample
(Attach Additional Sheets.) Name Top Datum

Samples Sent to Geological Survey Yes No

Cores Taken Yes No SEE ATTACHED LIST

Electric Log Run Yes No
(Submit Copy.)
List all E.Log

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#	229	Common	160	3% cc, 2% gel
Production		5 1/2"	15.5#	3864	AF2	115	

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
4	3811-12, CIBP 3803'		
4	3787-88	250 gals 15%MCA&17 BSW	3787-88

TUBING RECORD Size 2 7/8" Set At 3778 Packer At _____ Liner Yes No

Date of First, Resumed Production, SWD or Inj. 7/19/01 Producing Method Flowing Pumping Gas Lift Other

Estimated Production Per 24 Hours Oil 81.29 Bbls Gas Mcf Water 500 Bbls Gas-Oil Ratio Gravity

Disposition of Gas: **METHOD OF COMPLETION** Production Interval
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled as above
(If vented, submit ACO-18.) Other (Specify) _____

15-163-23320-0000

Berland "B" #5-17
2310 FSL 820 FWL
Sec. 17-T10S-R19W
Rooks County, Kansas

ORIGINAL

KCC
JUL 25 2001
CONFIDENTIAL

DST #1 3758-3780 (Arbuckle), 30-45-60-90; IF: strong blow off BOB in 3 min.; FF: strong blow off BOB in 5 min.; Rec. 621' O (8.71 BBL, 51%), 756' SW (8.39 BBL, 49%); HP: 1884-1866; SIP: 1059-1029; FP: 52/346, 388/568; BHT: 112°.

CONFIDENTIAL

RELEASED

JAN 3 4 2002

FROM CONFIDENTIAL

RELEASED
KANSAS CORPORATION COMMISSION

JUL 25 2001

CONSERVATION DIVISION

15-103-23320-0000

RELEASED

JAN 30 2001

COPY



SALES OFFICE:
105 S. Broadway
Suite #420
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

CONFIDENTIAL

Invoice

Bill to: MURFIN DRILLING
Box 288
Russell, KS 67605

KCC

JUL 25 2001

CONFIDENTIAL

5873197

Invoice	Invoice Date	Order	Order Date
105036	5/15/01	3456	5/10/01
Service Description			
Cement			
prod. csq.			
Lease		Well	
Berland		B5-17	
AFE	CustomerRep	Treater	Well Type
	J. Gerstinger	K Gordley	New Well
Purchase Order		Terms	
		Net 30	

ID.	Description	UOM	Quantity	Unit Price	Price
D204	AA2	SK	115	\$13.56	\$1,559.40
D200	'A-CON' BLEND	SK	25	\$13.50	\$337.50
C196	FLA-322	LB	55	\$7.25	\$398.75
C223	SALT (Fine)	LBS	712	\$0.35	\$249.20
C243	DEFOAMER	LB	11	\$3.00	\$33.00
C302	MUD FLUSH	GAL	500	\$0.75	\$375.00
F252	ROTATING SCRATCHERS	EA	12	\$56.00	\$672.00
F101	CENTRALIZER, 5 1/2"	EA	10	\$71.00	\$710.00
F151	LATCH DOWN PLUG & BAFFLE, 5 1/2"	EA	1	\$250.00	\$250.00
F181	AUTO FILL FLOAT SHOE, 5 1/2"	EA	1	\$290.00	\$290.00
F111	BASKET, 5 1/2"	EA	1	\$205.00	\$205.00
F223	CEMENT PORT COLLAR, 5 1/2"	EA	1	\$2,700.00	\$2,700.00
E107	CEMENT SERVICE CHARGE	SK	140	\$1.50	\$210.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	140	\$3.00	\$420.00
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	917	\$1.25	\$1,146.25
R208	CASING CEMENT PUMPER, 3501-4000'	EA	1	\$1,600.00	\$1,600.00
R702	CASING SWIVEL RENTAL	EA	1	\$125.00	\$125.00
R701	CEMENT HEAD RENTAL	EA	1	\$250.00	\$250.00

ORIGINAL

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 25 2001

CONSERVATION DIVISION

Sub Total:	\$11,531.10
Discount:	\$2,851.01
Discount Sub Total:	\$8,680.09
Tax Rate: 5.90%	Taxes: \$0.00
(T) Taxable Item	Total: \$8,680.09

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.

785-421-2843



INVOICE NO.		Subject to Correction		FIELD ORDER		03456	
Date	5-10-01	Lease	BERLAND 'B'	Well #	5-17	Legal	17-105-19W
Customer ID		County	ROOKS	State	KS	Station	PRATT, KS
MURFIN DRILLING CO.		Depth	Formation		Shoe Joint		
CHARGE		Casing	5 1/2	Casing Depth	3864'	TD	3865'
CONFIDENTIAL		Customer Representative	J. GERSTNER		Treater	K. GARDNER	
Job Type		LONGSTRAW NEWELL					

AFE Number	PO Number	Materials Received by	X <i>Jahy Gask</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	115 SACS	AAZ CEMENT				
D202	25 SACS	6/40 POZ CEMENT				
C196	55 lbs.	FLA-322				
C223	712 lbs.	SALT		KCC		
C243	11 lbs.	DEFUMER				
C302	50 gal.	MANIFLUSH		JUL 25 2001		
F252	12 EA.	BUTHTEDNG. SCRAPER HEAD		CONFIDENTIAL		
F101	10 EA.	5 1/2 TURBOLIZER				
F151	1 EA.	5 1/2 LEATH DOWN PLUG				
F181	1 EA.	5 1/2 AFU FLOAT SHOE				
F111	1 EA.	5 1/2 BASKET				
F223	1 EA.	5 1/2 PORT COLLAR		ORIGINAL		
RELEASED						
JAN 31 2001						
FROM CONFIDENTIAL						
ENCLOSURE						
JUL 25 2001						
E107	140 SACS	CEMENT SERVICE CHARGE			CONSERVATION DIVISION	
E100	140 miles	UNITS	MILES			
E104	917 TON	TONS	MILES			
R208	1 EA.	EA. 3864'	PUMP CHARGE			
R702	1 EA.	BUTHTEDNG. HEAD				
R701	1 EA.	CEMENT HEAD ROUTH				
DISCOUNTED PRICE =				8680.09		
PLUS TAX						



CONFIDENTIAL

TREATMENT REPORT

03236

Customer ID		Date	
Customer MURPHY DRILLING CO.		5-10-01	
Lease BERLAND 'B'		Lease No.	Well # 5-17
Field Order # 03456	Station PRATT, KS	Casing 5 1/2	Depth 3864
Type Job LONGSTRAK - NEW WELL	Formation FD-3865	County BOWEN	State KS
Legal Description 17-105-19W			

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft PORT COLLAR		-Acid 115 SLS IAAZ		RATE	PRESS	ISIP
Depth 3864'	Depth	From 1661'	To ✓	-Pre Pad 10% SILET, -5%	Max			5 Min.
Volume	Volume	From	To	Post FLA-322, .1%	Min			10 Min.
Max Press	Max Press	From	To	Flush DEFORMER	Avg			15 Min.
Well Connection	Annulus Vol.	From	To	25 SLS 60/40 POZ*	HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative S. GERSTNER	Station Manager D. ANTRAY	Treater K. CRODLEY
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Service Units	107	35	57	31	71
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2400					KCC ON LOCAT. SWW 5-9-01
					ORIGINAL JUL 25 2001 CONFIDENTIAL RELEASED JAN 30 2001 FROM CONFIDENTIAL
					RUN 93 JTS 5 1/2 CASING = 3878' RUN FLOAT SHOE, LID Baffle in #1. CONV- 2-4-6 14-20 57-59 59-69-82 BASKET OIU-53, PERI COLLAR OIU-54 TRAC BOTTOM, DRIP BIT, BIRCHAL CTRC. ROTATE CASING
0315					
0415	200		12	6	PUMP 12 bbl MUD FLUSH
	200		5	6	PUMP 5 bbl 1120 SPACER
	200		30	6	MIX CEMENT
					115 SLS IAAZ CEMENT
					SHUT DOWN WITH LOWE - DRIP PUMP
	0		0	8	START DESP
	100			8	LEFT CEMENT
	500		85	5	SLOW RATE
0445	1500		91.4	5	PULL DOWN RELEASE - HOLD
					25 SLS 60/40 POZ → PULL RHT P.H.
0530					JOB COMPLETE THANKS. KEVIN

ALLIED CEMENTING CO., INC. 6178

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

SERVICE POINT: K

DATE <u>5-3-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5:45pm</u>	JOB START	JOB FINISH <u>6:45pm</u>
LEASE <u>Berland B</u>		WELL # <u>5-17</u>		LOCATION <u>Zenich Zw 3s</u>		COUNTY <u>Reels</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONFIDENTIAL

CONTRACTOR Murfin #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 229

CASING SIZE 8 3/8 DEPTH 229

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 13 1/2 bbl

OWNER

CEMENT

AMOUNT ORDERED 160 cum 39cc 2% gel

RELEASED

JAN 31 2001

FROM CONFIDENTIAL

EQUIPMENT

PUMP TRUCK CEMENTER Wank

345 HELPER Dave

BULK TRUCK

160 DRIVER Alden

BULK TRUCK

DRIVER

COMMON	<u>160</u>	@	<u>6.65</u>	<u>1064.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>168</u>	@	<u>1.05</u>	<u>176.40</u>
MILEAGE	<u>4 #/sk / mile</u>			<u>248.00</u>
TOTAL				<u>1669.04</u>

KCC

JUL 25 2001

CONFIDENTIAL

REMARKS:

SERVICE

Cement Cure

Thompson

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>37</u>	@	<u>3.00</u>	<u>111.00</u>
PLUG	<u>8 5/8 wooden</u>	@		<u>45.00</u>
		@		
		@		
TOTAL				<u>676.00</u>

CHARGE TO: Murfin

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@			
	@			
	@			
	@			
	@			

CONSERVATION DIVISION
TOTAL CONSERVATION

To Allied Cementing Co., Inc.
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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Louis McKenna

Louis McKenna
PRINTED NAME