

CONFIDENTIAL

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

RECEIVED
AUG 31 2010 ORIGINAL

KCC WICHITA
Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

8/30/12

OPERATOR: License # 30606
Name: Murfin Drilling Company, Inc.
Address 1: 250 N. Water, Suite 300
Address 2: _____
City: Wichita State: KS Zip: 67202 + _____
Contact Person: Leon Rodak
Phone: (316) 267-3241
CONTRACTOR: License # 30606
Name: Murfin Drilling Company, Inc.
Wellsite Geologist: Wes Hansen
Purchaser: None

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Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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 Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____
08/07/10 08/17/10 08/18/10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 069-20328-0000
Spot Description: _____
NW_NW_SE_SE Sec. 13 Twp. 27 S. R. 28 East West
995 Feet from North / South Line of Section
1185 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Gray
Lease Name: Meis Well #: 1-13
Field Name: Wildcat
Producing Formation: None
Elevation: Ground: 2717 Kelly Bushing: 2728
Total Depth: 5220 Plug Back Total Depth: None
Amount of Surface Pipe Set and Cemented at: 486 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 #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT
I am the affiant and I hereby certify that 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: _____
Title: VP Production Date: 08/30/10

KCC Office Use ONLY
 Letter of Confidentiality Received Date: 8/30/10 - 8/30/12
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: NJ Date: 9-9-10
PA

Operator Name: Murfin Drilling Company, Inc. Lease Name: Meis Well #: 1-13
 Sec. 13 Twp. 27 S. R. 28 East West County: Gray

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached List <div style="text-align: right;"> RECEIVED AUG 31 2010 KCC WICHITA </div>
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List All E. Logs Run:
 Dual Induction, Compensated Porosity,
 Microresistivity

CASING RECORD <input checked="" 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	23#	486	Common	375	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <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 Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Formations	MDCI Meis #1-13 995 FSL 1185 FEL Sec. 13-T27S-R28W 2728' KB						MDCI Miller #1-19 1350 FNL 1060 FWL Sec. 19-T27S-R27W 2732' KB	
	Sample Tops	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Krider	2721	+7	-7	2716	+12	-2	2718	+14
Root Shale	3498	-770	-10	3496	-768	-8	3492	-760
Topeka	3759	-1031	-13	3748	-1020	-2	3750	-1018
Heebner	4184	-1456	-9	4183	-1455	-8	4179	-1447
Lansing	4248	-1520	-2	4246	-1518	Flat	4250	-1518
Stark	4621	-1893	-12	4619	-1891	-10	4613	-1881
Marmaton	4768	-2040	-13	4794	-2066	-39	4759	-2027
Pawnee	4882	-2154	-48	4878	-2150	-44	4838	-2106
Cherokee	4954	-2226	-48	4954	-2226	-48	4910	-2178
Morrow	5078	-2350	-66	5078	-2350	-66	5016	-2284
Mississippian	5114	-2386	-86	5118	-2390	-90	5032	-2300
RTD	5220						5190	
LTD				5219			5194	

KCC
AUG 30 2010
COMPLETION

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AUG 31 2010
KCC WICHITA



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

KCC
AUG 30 2010

TICKET NUMBER 29044

LOCATION OAKLEY

FOREMAN Kevin McCoy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-18-10	5406	Meis 1-13	13	27S	28W	GRAY
CUSTOMER MURFIN DRIG. Co., INC.			Co. Tools Rig 20			
MAILING ADDRESS 250 N. WATER StE 300			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Wichita			445	Justin		
STATE KS			466 7127	Jim		
ZIP CODE 67202						

JOB TYPE P.T.A. 0 HOLE SIZE 7 7/8 HOLE DEPTH 5220 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 Drill pipe. Spot Cement Plugs and following.

50 SKS @ 1790'
80 SKS @ 890'
50 SKS @ 510'
20 SKS @ 60'
30 SKS R.H.
20 SKS M.H.

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AUG 24 2010

KCC WICHITA

ACCOUNT CODE	QUANTITY or UNITS	Zone 2 DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 N	1	PUMP CHARGE	1200.00	1200.00
5406	55	MILEAGE	4.50	247.50
1131	250 SKS	60/40 Pozmix Cement	13.00	3250.00
1118 B	860 *	GeL 4%	.20	172.00
1107	60 *	Floccul 1/4" /sk	2.50	150.00
5407	10.75 TONS	55 miles BULK Delv.	1.50	886.88
4432	1	8 5/8 wooden Plug	92.00	92.00
		236050		
		THANK YOU		
		LESS 30%		
		Sub Total		5998.38
		SALES TAX		1799.51
		ESTIMATED TOTAL		272.97
				4471.84

Revin 3737

AUTHORIZATION Meg Jordan

TITLE Toolpusher

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

acct. Liz
MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 235735

Invoice Date: 08/09/2010 Terms:

Page 1

MURFIN DRILLING
P.O. BOX 288
RUSSELL KS 67665
() -

MEIS 1-13
28911
13-27-28
8-7-10

AUG 30 2010
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Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	375.00	16.0000	6000.00
1102	CALCIUM CHLORIDE (50#)	1056.00	.8800	929.28
1118B	PREMIUM GEL / BENTONITE	704.00	.2000	140.80
4432	8 5/8" WOODEN PLUG	1.00	92.0000	92.00

Sublet Performed	Description	Total
9999-100	CASH DISCOUNT	-2954.80

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	985.00	985.00
463 EQUIPMENT MILEAGE (ONE WAY)	55.00	4.50	247.50
466 TON MILEAGE DELIVERY	1.00	1454.75	1454.75

USED FOR New Well Drilling
APPROVED [Signature]

[Signature]

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KCC WICHITA

Parts:	7162.08	Freight:	.00	Tax:	533.57	AR	7428.10
Labor:	.00	Misc:	.00	Total:	7428.10		
Sublt:	-2954.80	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, Ok
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

MCALISTER, OK
918/426-7667

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

KCC
AUG 30 2009

TICKET NUMBER 28911
LOCATION Oakley Ks
FOREMAN Pat Heiser

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-7-10	5406	Mels 1-13	13	27S	28W	Gray
CUSTOMER MurFin Dels Co.			TRUCK #		DRIVER	
MAILING ADDRESS			463		Pat Heiser	
CITY			466-T127		Brandon W.	
STATE						
ZIP CODE						
Colby			Ks			

JOB TYPE SurFace 0 HOLE SIZE 12 1/4 HOLE DEPTH 486 CASING SIZE & WEIGHT 8 5/8 - 24 #
 CASING DEPTH 486' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 SLURRY VOL _____ WATER gal/sk 5.6 CEMENT LEFT in CASING 15' +/-
 DISPLACEMENT 30 DISPLACEMENT PSI 275 MIX PSI 150 RATE 5 BPM

REMARKS: Safety Meeting, Rig up to casing + circ, rig up to truck and
mix 375 sks Cem, 3% CC - 2% Cat, Released Plug and Displaced
30 BB water, Cement Cure 10 DBL to Pit

*Thank You
Pat + Crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	985.00	985.00
5406	55	MILEAGE 55 miles	450	247.50
1104 S	375	Class A Cement	16.00	6000.00
1102	1056 #	CaCl ₂	1.85	929.25
1118 B	704 #	Bentonite	1.20	140.80
4432	1	8 5/8 Wooden Plug	92.00	92.00
5407 A	17.63	Ten Mileage Delivery	120	4454.75
			RECEIVED	
			AUG 30 2009	
			KCC WICHITA	
			Subtotal	9849.33
			less 30%	2,954.80
				6,894.53
			SALES TAX	533.57
			ESTIMATED TOTAL	7428.10

235735

Ravin 3737

AUTHORIZATION Greg Linder TITLE Production DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for