



KANSAS CORPORATION COMMISSION 1074411  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Address 1: 250 N WATER STE 300  
Address 2:  
City: WICHITA State: KS Zip: 67202 + 1216  
Contact Person: Leon Rodak  
Phone: ( 316 ) 267-3241  
CONTRACTOR: License # 30606  
Name: Murfin Drilling Co., Inc.  
Wellsite Geologist: None  
Purchaser: MV Purchasing

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: Murfin Drilling Co., Inc.

Well Name: Nettleingham Holland Unit 1-24

Original Comp. Date: 02/17/2004 Original Total Depth: 3505

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 #:

10/06/2011	10/09/2011	11/04/2011
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-24786-00-01

Spot Description:  
NW<sub>4</sub> NW<sub>4</sub> SE<sub>4</sub> SW<sub>4</sub> Sec. 24 Twp. 16 S. R. 14  East  West  
1230 Feet from  North /  South Line of Section  
1420 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW

County: Barton

Lease Name: Nettleingham-Holland Unit Well #: 1-24

Field Name: Peach North

Producing Formation: LKC

Elevation: Ground: 1962 Kelly Bushing: 1967

Total Depth: 3475 Plug Back Total Depth: 3436

Amount of Surface Pipe Set and Cemented at: 409 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 #:

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.

Submitted Electronically

KCC Office Use ONLY

Letter of Confidentiality Received  
Date:  
 Confidential Release Date:  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 02/22/2012



1074411

Operator Name: Murfin Drilling Co., Inc. Lease Name: Nettleingham-Holland Unit Well #: 1-24  
 Sec. 24 Twp. 16 S. R. 14  East  West County: Barton

**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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Not Available
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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	12.2500	8.6250	24	409	Common	200	
Production	7.8750	4.5000	10.5	3469	Common	255	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

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
4	3189 - 3196 LKC "B"	250 gal 15% MCA	
4	3368 - 3374 LKC "J", CIBP 3420'	250 gal 15% MCA, 750 gal 15% NEFE	
4	3430 - 3438 Arbuckle	250 gal 15% MCA	

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>3407</u>	Packer At: <u>N/A</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. <u>12/13/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls. <u>18</u>	Gas Mcf	Water Bbls. <u>0</u>	Gas-Oil Ratio	Gravity <u>40</u>
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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 checked="" 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: <u>3189 - 3374</u>
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**QUALITY OILWELL CEMENTING, INC.**

PO Box 32 - 740 West Wichita Ave, Russell KS 67665  
 Phone: 785-324-1041 fax: 785-483-1087  
 Email: cementing@ruraltel.net

Date: 10/13/2011  
 Invoice # 5349

P.O.#:  
 Due Date: 11/12/2011  
 Division: Russell

# Invoice

USED FOR IC 103  
 APPROVED [Signature]

**Contact:**

Murfin Drilling Company  
 Address/Job Location:  
 Murfin Drilling Company  
 P.O. Box 288  
 Russell Ks 67665

**Reference:**

NETTLEINGHAM HOLLAND UNIT 1-24

**Description of Work:**

PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 963.85	No	Pump Truck Mileage-Job to Nearest Camp	9	\$94.81	No
Common-Class A	300	\$ 3,863.33	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	9	\$55.48	No
Gilsonite	1500	\$ 2,375.00	Yes				
Cement Scratchers Cable Type, 4 1/2"	13	\$ 960.56	Yes				
Bulk Truck Mat-Material Service Charge	340	\$ 717.78	No				
4 1/2" Turbolizer	12	\$ 582.67	Yes				
Mud Clear	500	\$ 390.56	Yes				
Salt (Fine)	25	\$ 368.39	Yes				
Auto Fill Float Shoe, 4 1/2"	1	\$ 291.33	Yes				
4 1/2" Basket	1	\$ 221.67	Yes				
Latch Down Plug & Baffle, 4 1/2"	1	\$ 206.89	Yes				

**Invoice Terms:**

Net 30

SubTotal: \$ 11,092.31

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,663.85)

SubTotal for Taxable Items: \$ 7,871.33

SubTotal for Non-Taxable Items: \$ 1,557.13

Total: \$ 9,428.46

Tax: \$ 574.61

Amount Due: \$ 10,003.07

Applied Payments:

Balance Due: \$ 10,003.07

7.30% Barton County Sales Tax

**Thank You For Your Business!**

Past Due Invoices are subject to a service charge (annual rate of 24%).

This does not include any applicable taxes unless it is listed.

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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5349

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-10-11	24	16	14	Barton	KS		1:15 P.M.
Lease <sup>Holland</sup> <del>Nettlingham Unit</del>	Well No. 1-24			Location <del>Barton</del> <sup>Sticky Elevator</sup> <del>Yac</del> <sup>Ento</sup>			
Contractor <sup>Murfin #16</sup>				Owner			
Type Job <sup>Production String</sup>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size <sup>7 7/8</sup>	T.D. <sup>3475</sup>			Charge To <sup>Murfin Drlg</sup>			
Csg. <sup>4 1/2</sup>	Depth <sup>3469</sup>			Street			
Tbg. Size	Depth			City			
Tool	Depth			State			
Cement Left in Csg. <sup>21</sup>	Shoe Joint <sup>21</sup>			The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line	Displace <sup>54 3/4 BCL</sup>			Cement Amount Ordered <sup>300 com 10% salt 5% water</sup>			
<b>EQUIPMENT</b>				500 gal mud clear			
Pumptrk <sup>9</sup> No.	Cementing			Common <sup>300</sup>			
Bulktrk No.	Driver <sup>Paul</sup>			Poz. Mix			
Bulktrk <sup>14</sup> No.	Driver <sup>Brian</sup>			Gel.			
<b>JOB SERVICES &amp; REMARKS</b>				Calcium			
Remarks:				Hulls <sup>20</sup>			
Rat Hole <sup>30 SK</sup>				Salt <sup>25</sup>			
Mouse Hole <sup>15 SK</sup>				Flowseal			
Centralizers				Kol-Seal <sup>1500#</sup>			
Baskets				Mud CLR 48 <sup>500</sup>			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<sup>4 1/2 size @ 3469 - Insert @ 3448</sup>				Sand			
<sup>Est Circulation Pump 500 gal mud</sup>				Handling <sup>340</sup>			
<sup>Clear Plug Rather Mousehole Cement</sup>				Mileage			
<sup>Casing Clear Lines - Displace Plug</sup>				<b>FLOAT EQUIPMENT</b>			
<sup>Plug land id @ 1500 ps. - Held</sup>				Guide Shoe			
<sup>Release Pressure D/V</sup>				Centralizer <sup>Turbolizers 12</sup>			
				Baskets <sup>1</sup>			
				AFU Inserts			
				Float Shoe <sup>1</sup>			
				Latch Down <sup>1</sup>			
				<sup>13 Reciprocating Scratchers</sup>			
				Pumptrk Charge <sup>prod Long String</sup>			
				Mileage <sup>9</sup>			
				Tax			
				Discount			
X Signature <sup>Mark Roblin</sup>				Total Charge			