

ORIGINAL

SIDE ONE

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

API NO. 15- 185-22,789-000  
County Stafford  
App. C East  
N/2 NW SW SE Sec. 11 Twp. 23S Rge. 14 X West

Operator: License # 30606  
Name: MURFIN DRILLING CO., INC.  
Address 250 N. Water, Suite 300  
City/State/Zip Wichita, KS. 67202

Purchaser: \_\_\_\_\_  
Operator Contact Person: Scott Robinson  
Phone (316) 267-3241

Contractor: Name: L. D. Drilling, Inc.  
License: 6039

Wellsite Geologist: Chuck Schmaltz

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  Wichita, Kansas  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If OWM: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

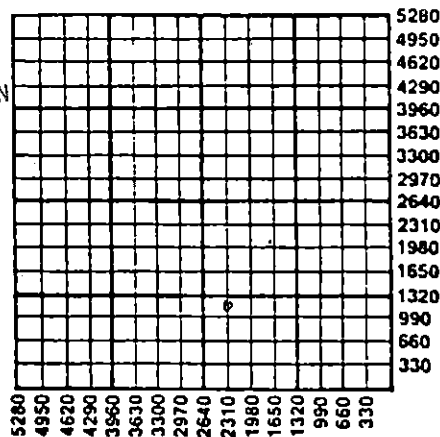
Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
7-19-91 7-27-91 \_\_\_\_\_  
Spud Date Date Reached TD Completion Date

1200'  Ft. North from Southeast Corner of Section  
2310'  Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

Lease Name COPELANDE  Well # 1-11  
Field Name N/A

Producing Formation \_\_\_\_\_

Elevation: Ground 1919' KB 1924'  
Total Depth 4005' PBD \_\_\_\_\_



Amount of Surface Pipe Set and Cemented at 380' 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.

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DIVISION  
Wichita, Kansas

API DTA

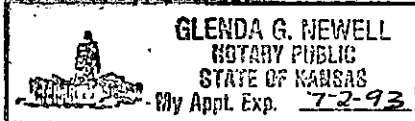
INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Scott Robinson  
Title Geological Mgr Date 8/22/91

Subscribed and sworn to before me this 22 day of Aug., 19 91.

Notary Public Glenda G. Newell  
Glenda G. Newell  
Date Commission Expires 7/2/93



K.C.C. OFFICE USE ONLY  
F \_\_\_\_\_ Letter of Confidentiality Attached  
C  Wireline Log Received  
C \_\_\_\_\_ Drillers Timelog Received  
Distribution  
 KCC \_\_\_\_\_ SWD/Rep \_\_\_\_\_ NGPA  
\_\_\_\_\_ KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other  
(Specify)

91

**SIDE TWO**

Operator Name Murfin Drilling Co., Inc. Lease Name Copeland Well # 1-11 /  
 County Stafford  
 Sec. 11 Twp. 23S Rge. 14  
 East  West

**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.)

See Supplemental Attached

**Formation Description**

Log  Sample

Name \_\_\_\_\_ Top \_\_\_\_\_ Bottom \_\_\_\_\_

See Supplemental Attached

**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#	380'	60/40 Poz	220	2% GEL, 3% CC

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth

**TUBING RECORD** Size \_\_\_\_\_ Set At \_\_\_\_\_ Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Production \_\_\_\_\_ Producing Method  Flowing  Pumping  Gas Lift  Other (Explain) \_\_\_\_\_  
 Estimated Production Per 24 Hours  
 Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

**Disposition of Gas:**  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
**METHOD OF COMPLETION**  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_  
**Production Interval** \_\_\_\_\_

## SUPPLEMENTAL TO ACO-1

Operator: Murfin Drilling Company, Inc.  
API# : 15-185-22,789

Well: COPELAND 1-11  
1200' fSL 330' fWL SE/4  
Sec. 11-23S-14W  
Stafford County, Ks.

DST #1: 3625-3647 (H zone)

IF: No Blow - Flushed Tool - No Help  
30-30-30-30

Rec: 130' Mud - No Show

HP: 1923-1822, FP: 81-81/101-101, SIP: 1216-1105, BHT: 110°

Small plugging early after flush.

DST #2: 3649-3710 (J & K zone)

IF: No Blow, Flushed Tool - no help

FF: No Blow

REC: 15' Mud

HP: 1872-1832, SIP: 1135-1064, FP: 71-71/81-71, BHT: 115°

DST #3: 3799-3905 (Viola)

30-30-30-30

IF: No Blow, flushed tool, no help

FF: No Blow

REC: 10' Mud

HP: 2024-1923, SIP: 132-121, FP: 91-91/101-101, BHT: 119°

## LOG TOPS:

STOTLER	2766	(- 842)
TARKIO	2829	(- 905)
HOWARD	2979	(-1055)
TOPEKA	3060	(-1136)
HEEBNER	3362	(-1438)
TORONTO	3381	(-1457)
DOUGLAS	3396	(-1472)
BROWN LIME	3495	(-1571)
LANSING	3512	(-1588)
BKC	3756	(-1832)
VIOLA	NL	
SIMPSON SH	NL	
ARBUCKLE	NL	
TD	3793	

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CONSERVATION DIVISION  
Wichita, Kansas