

COPY**CONFIDENTIAL
TIGHT HOLE**

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

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

Purchaser: _____

Operator Contact Person Tom W. NicholsPhone (316) 267 - 3241Contractor: Name: Murfin Drilling Co., Inc.License: 30606Wellsite Geologist: Curtis Covey

Designate Type of completion

☒ New Well ☐ Re-Entry ☐ Workover☒ 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 ☐ PBDT☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____148/102

Spud Date

8/23 /02

Date Reached TD

8/30/02

Completion Date

API NO. 15-051-25150County ELLIS-SW - SE - NW Sec 25 Twp. 11S Rge. 20 W2100 Feet from S/N (circle one) Line of Section1360 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name RUSCO DAVIS '25' Well # 4-25Field Name R. B.Producing Formation ArbuckleElevation: Ground 2065 KB 2081'Total Depth 3810' PBDT 3778'Amount of Surface Pipe Set and Cemented at 234' FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1498' FeetIf Alternate II completion, cement circulated from surface
feet depth to 1498' w/ 150 sx cmt.Drilling Fluid Management Plan 11/11/02 10-16-02
(Data must be collected from the Reserve Pit)Chloride content _____ ppm Fluid volume 2500 bblsDewatering 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. NicholsTitle Tom W. Nichols, Production Manager Date 2002Subscribed and sworn to before me this 14th day of OCT 2002.Notary Public Barbara J. Dodson

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)

Release

NOV 05 2003

**From
Confidential**

Form ACO-1 (7-91)

Operator Name Murfin Drilling Co. Inc.

Lease Name Rusco-Davis '25'Well # 4-25Sec. 25 Twp. 11S Rge. 20 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.)

Log Formation (Top), Depth and Datums Sample

Samples Sent to Geological Survey ☒ Yes ☐ No

Name

Top

Datum

Cores Taken ☐ Yes ☒ No

SEE ATTACHED LIST

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List all E.Log Dual Comp. Porosity, Microresistivity, Dual Induction

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	12¼"	8 5/8"	24#	234'	COMM	160	3%cc 2% gel
Production		5 ½"		3809'	AA-1	375	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <u> </u> Perforate ☒ <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
	Sur/1478'	A-con	150	

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	3696-98		
4	3670-76	250gals 15%MCA	3670-76

TUBING RECORD	Size	Set At	Packer At	Liner	☒ Yes ☐ No
	2 7/8"	3643.58			

Date of First, Resumed Production, SWD or Inj. 9/27/02	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other
Estimated Production Per 24 Hours	Oil Bbls 73.69 BO Gas Mcf Water Bbls .74BW Gas-Oil Ratio Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)as above