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

COPY

API NO. 15- 051-25146

County ELLIS

_ - S2 - S2 - SW Sec 32 Twp. 13S Rge 19 W

330 Feet from S/N (circle one) Line of Section

1310 Feet from E/W (circle one) Line of Section

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

Lease Name RIEDEL Well # 16

Field Name IRVIN

Producing Formation NONE

Elevation: Ground 2251 KB 2256

Total Depth 3970' PBTD

Amount of Surface Pipe Set and Cemented at 235' Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan P+A EH 9.9.02
(Data must be collected from the Reserve Pit)

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.

Operator: License # 30606 CONFIDENTIAL

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300 RECEIVED

City/State/Zip Wichita, KS 67202 AUG 14 2002

Purchaser: KCC WICHITA

Operator Contact Person: TOM W. NICHOLS

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Co., Inc. KCC

License: 30606 AUG 13 2002

Wellsite Geologist: CONFIDENTIAL

Designate Type of completion
X New Well ___ Re-Entry ___ Workover

___ Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
X Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

Release
NOV 04 2003
From Confidential

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 ____ PBTD
___ Commingled Docket No.
___ Dual Completion Docket No. ____
___ Other (SWD or Inj?) Docket No.

7/25/02 Spud Date | 8/3/02 Date Reached TD | 8/3/02 Completion Date

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 T. W. Nichols

Title Tom W. Nichols, Production Manager Date ,2002

Subscribed and sworn to before me this 6th day of August 2002.

Notary Public Barbara J. Dodson
Barbara J. Dodson

Date Commission Expires 12/16/03

BARBARA J. DODSON
NOTARY PUBLIC
STATE OF KANSAS

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)

Form ACO-1 (7-91)

Operator Name Murfin Drilling Co. Inc.

Lease Name REIDEL Well # 16

Sec. 32 Twp. 13S Rge. 19 W ☐ East ■ West County

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 (Attach Additional Sheets.) ■ Yes ☐ No

Samples Sent to Geological Survey ■ Yes ☐ No

Cores Taken ☐ Yes ■ No

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

List all E.Log Comp Den/Neutron, Dual Induction

Log Formation (Top), Depth and Datums Sample

Name Top Datum

SEE ATTACHED LIST

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#	235	COMM	160	3%CC,2%GEL

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
	NONE		

TUBING RECORD Size Set At Packer At

Liner ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj.

Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other

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 ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

Production Interval

as above