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

CONFIDENTIAL

API NO. 15- 023-20439

County CHEYENNE

-N/2 -N/2 - NE Sec 32 Twp. 2S Rge 41 W

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

1452 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 DCLM UNIT Well # 5-32

Field Name RAILE

Producing Formation LKC

Elevation: Ground 3668 KB 3673

Total Depth 5100 PBTD 4961'

Amount of Surface Pipe Set and Cemented at 234' 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
(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

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: TOM W. NICHOLS

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: BRAD RINE

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

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

6/22/02 7/4/02 7/31/02
Spud Date Date Reached TD Completion Date

RECEIVED
AUG 14 2002
KCC WICHITA

KCC
AUG 13 2002
CONFIDENTIAL

Release
NOV 04 2003
From
Confidential

ALT I EH 9-9-03

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. Nichols

Title Tom W. Nichols Production Manager Date___,

Subscribed and sworn to before me this 13 th day of August 2002.

Notary Public _____
Barbara J. Dodson
Date Commission Expires 12/16/03

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)

Operator Name Murfin Drilling Co. Inc.

Lease Name DCLM UNIT Well # 5-32

Sec. 32 Twp. 2S Rge. 41 W ☐ East ■ West County CHEYENNE

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 MICRORESISTIVITY, DUAL INDUCTION,DUAL COMPENSATED POROSITY LOG

Log Formation (Top), Depth and Datums Sample

Name Top Datum

SEE ATTACHED CHARTS

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#	369	COMM	275	3%CC,2%GEL
Production		4 1/2	10.5 # used	5099'	EA-2	305, 25sx in RH,MH	

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
3	4916-20(Marmaton) CIBP @4855'		
3	4763-65	250gals 15% MCA acid	4763-65
3	4612-24	500gals 15% MCA acid	4612-24
3	4540-44	250gals 15% MCA acid	4540-44

TUBING RECORD Size 2 3/8" Set At 4779.44 Packer At

Liner ☐ Yes ■ No

Date of First, Resumed Production, SWD or Inj. 8/12/02

Producing Method ☐ Flowing ■ Pumping ☐ Gas Lift ☐ Other

Estimated Production Per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	95.76BO		12.24BW		

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