FORM MUST BE TYPED

SIDE ONE

Release
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Confidential

COPY

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

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API NO. 15- 023-20442
County CHEYENNE
SW - NW - NW Sec 33 Twp. 2S Rge 41 W
984 Feet from S/N (circle one) Line of Section
140 Feet from E/W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

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: PAUL GUNZELMAN

KCC
DEC 13 2002
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Lease Name RAMONA Well # 3-33
Field Name RAILE
Producing Formation Lansing/Kansas City
Elevation: Ground 3661 KB 3666
Total Depth 5075 PBTD 5025'
Amount of Surface Pipe Set and Cemented at 382' 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.

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.

10/26/02 11/5/02 11/19/02
Spud Date Date Reached TD Completion Date

Drilling Fluid Management Plan Alt I 4.7.04
(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.

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 J. W. Nichols
Title Tom W. Nichols, Production Manager Date ,2002
Subscribed and sworn to before me this 16th day of December 2002.
Notary Public Barbara J Dodson
Barbara J. Dodson
Date Commission Expires 12/16/03

BARBARA J. DODSON
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 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)

SIDE TWO

Form ACO-1 (7-91)

Operator Name Murfin Drilling Co. Inc.

Lease Name RAMONA Well # 3-33

Sec. 33 Tw 2S Rg [redacted] ☐ 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 [redacted] hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach ext[redacted]eded. Attach copy of log.

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			Log Formation (Top), Depth and Datums Sample		
Drill Stem Tests Taken (Attach Additional Sheets.)	■ Yes	☐ No	Name	Top	Datum
Samples Sent to Geological Survey	■ Yes	☐ No			
Cores Taken	☐ Yes	■ No	SEE ATTACHED LIST		
Electric Log Run (Submit Copy.)	■ Yes	☐ No			

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

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#	382	COMM	275SXS	3%cc 2% gel
Production	7 7/8"	5 ½"	15.5#	5070'	EA-2	250sxs225 EA-2	

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	4596-4601	1250gals 15%MCA acid ,re-treat w/1000galsCRA 15%acid& OD w/15BW	4596-4601

TUBING RECORD	Size	Set At	Packer At	Liner
	2 3/8"	4552.17'		☐ Yes ■ No

Date of First, Resumed Production, SWD or Inj. 12/6/02	Producing Method ☐ Flowing ■Pumping ☐ Gas Lift ☐ Other		
Estimated Production Per 24 Hours	Oil Bbls 47.52 BO	Gas Mcf	Water Bbls. 38.88BW 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