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SIDE ONE

SEP 2 FROM CONFIDENTIAL
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STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

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: Lobo Drilling Co.

License: 5864

Wellsite Geologist: Chuck Schmalz

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD Temp. Abd.
 Gas Inj Delayed Completion
 Dry Other (Core, Water Supply, etc.)

If CMO: old well info as follows:
Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

9/03/91 9/10/91 9/10/91
Spud Date Date Reached TD Completion Date

API NO. 15- 185-22,800-600
County Stafford

NE SE SE Sec. 23 Twp. 23S Rge. 14 East West
1100 Ft. ~~North~~ South from Southeast Corner of Section

330 Ft. ~~West~~ East from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

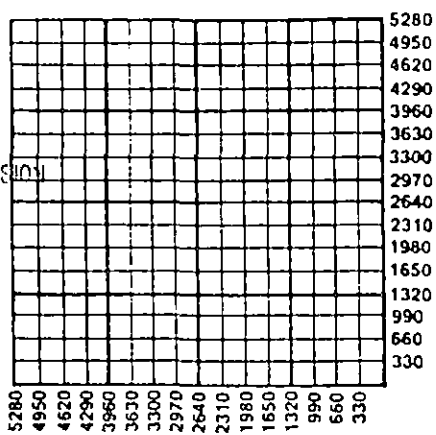
Lease Name Merrick Well # 3-23

Field Name Not Named Yet

Producing Formation _____

Elevation: Ground 1938 KB 1947

Total Depth 4090 PBDT _____



Amount of Surface Pipe Set and Cemented at 396 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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STATE CORPORATION COMMISSION

OIL & GAS CONSERVATION DIVISION
Kansas

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
Scott Robinson
Title Geological Manager Date _____

Subscribed and sworn to before me this 13 day of Sept,
19 91.

Notary Public Glenda G. Newell
Glenda G. Newell

Date Commission Expires _____

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)

P1

ORIGINAL

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SUPPLEMENT TO ACO-1

Operator: Murfin Drilling Company, Inc.
Well: Merrick 3-23
NE SE SE, Sec. 23-23S-14W
Stafford County, KS

API #: 15-185-22,800

DST's

Log Tops

#1: 3585-3652 (LKC B,D,E/F)

30-30-30-30

IF: wk 1/2" blow

FF: wk 1/4" blow

Rec: 30' Mud - No show

HP: 1872-1772, SIP: 619-304,

FP: 71-66/81-71, BHT: 116°

Stone Corral

849 (+1098)

B/SC

870 (+1077)

Stotler

2812 (- 865)

Tarkio

2874 (- 927)

Howard

3023 (-1076)

Topeka

3106 (-1159)

Heebner

3420 (-1473)

Toronto

3440 (-1493)

Douglas Shale

3462 (-1515)

Brown Lime

3559 (-1612)

Lansing

3576 (-1629)

H Zone

3692 (-1745)

BKC

3824 (-1877)

Viola

3936 (-1989)

Simpson Shale

3995 (-2048)

Arbuckle

4047 (-2100)

LTD

4092

RTD

4090

#2: 3687-3707 (H Zone)

45-60-60-90

IF: wk bldg to strong off bottom
of bucket in 20 min.

FF: Fair bldg to strong off
bottom of bucket in 15 min.

REC: 830' GIP

60' O&GCM (20% O, 5% G, 75% W)

HP: 1852-1822, SIP: 254-304,

FP: 50-50/60-60, BHT: 119°

#3: 3710-3755 - Misrun (hit a bridge @ 3100')

#4: 3710-3755 (I,J Zones)

30-45-45-45

IF: wk blow increased to 2"

FF: wk blow increased to 2"

REC: 5' Mud

150' MW w/Gd show oil on top of tool

HP: 1852-1792, SIP: 1135-1095,

FP: 50-60/91-101, BHT: 120°

RW: chl 30,000 ppm, Recovery: 10,000 ppm-pit

#5: 3757-3780 (K Zone)

45-45-45-45

IF: wk blow increasing to 3"

FF: wk blow increasing to 3"

Rec: 125' Mud

HP: 1872-1822, SIP: 852-680, FP: 50-60/91-101

RW: chl 33,000 ppm, Recovery: 10,000 ppm-pit

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CORPORATION DIVISION
Wichita, Kansas

ORIGINAL ^{K00}

SEP 24

DRILLER'S WELL LOG

CONFIDENTIAL

DATE COMMENCED: September 3, 1991
DATE COMPLETED: September 10, 1991

Murfin Drilling Co., Inc.
MERRICK #3-23
APPROX. NE SE SE
Sec. 23, T23S, R14W
Stafford County, Ks.

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FROM CONFIDENTIAL

- 0 - 105' Surface Soil, Sand
- 105 - 305' Clay
- 305 - 365' Sand
- 365 - 850' Shale
- 850 - 873' Anhydrite
- 873 - 2938' Shale
- 2938 - 3400' Lime
- 3400 - 3605' Shale & Lime
- 3605 - 3780' Lime
- 3780 - 4090' Chert, Shale, Sand
- 4090' RTD

ELEVATION: 1947 K.B.

Surface Pipe: Set new
8-5/8", 25# pipe @ 398'
w/200 sacks 60/40 pozmix
2% gel 3% cc.

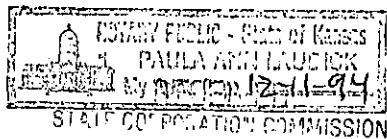
A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Ervin Neighbors of lawful age, does swear and state that the facts and statements herein are true and correct to the best of his knowledge.

Ervin Neighbors

Subscribed and sworn to before me this 12th day of September 1991.



Paula Ann Laudick
Notary Public

SEP 25 1991

CONFIDENTIAL
MURFIN DRILLING CO.