

ORIGINAL

SIDE ONE

CONFIDENTIAL  
APR 30 1991

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

Operator: License # 6033

Name: Murfin Drilling Company

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: Texaco

Operator Contact Person: Larry M. Jack

Phone ( ) 316-267-3241

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: Paul Godowic

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd.

Gas  Inj  Delayed Comp.

Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:

Mud Rotary  Air Rotary  Cable

3/9/90 3/19/90 3/28/90

Spud Date Date Reached TD Completion Date

API NO. 15- 071-20501-0000

County Greeley FROM CONFIDENTIAL

SW SW SW Sec. 25 Twp. 18S Rge. 43W East West

330 Ft. North from Southeast Corner of Section

4950 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

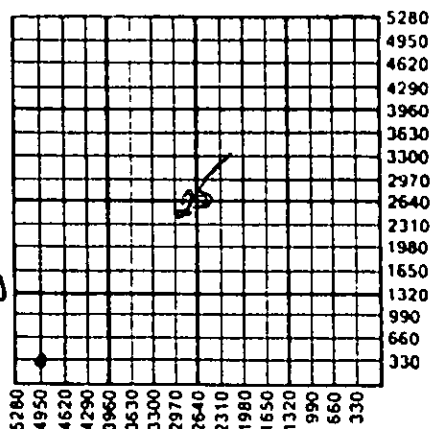
Lease Name Donald Schmidt Well # 1-25

Field Name Unknown

Producing Formation Morrow

Elevation: Ground 3870' KB 3881'

Total Depth 5300' PBTD 5298'



Amount of Surface Pipe Set and Cemented at 530 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set 1965 Feet

If Alternate II completion, cement circulated from 1965

feet depth to surface w/ 350 sx cmt.

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.

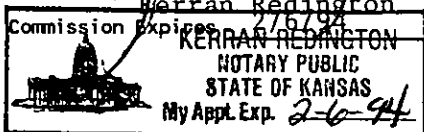
Signature By: Larry M. Jack

Title Larry M. Jack, Production Mgr. Date 4/12/90

Subscribed and sworn to before me this 12 day of April, 1990.

Notary Public Kerran Redington

Date Commission Expires 7/6/94



K.C.C. OFFICE USE ONLY  
 Letter of Confidentiality Attached  
 Wireline Log Received  
 Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

ORIGINAL

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SIDE TWO

Operator Name Murfin Drilling Company

Lease Name Donald Schmidt Well # 1-25

Sec. 25 Twp. 18S Rge. 43W  
 East  
 West

County Greeley

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.

RELEASED  
APR 30 1991

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets.)  
Samples Sent to Geological Survey  Yes  No  
Cores Taken  Yes  No  
Electric Log Run  Yes  No  
(Submit Copy.)

Formation Description  
 Log  Sample  
**FROM CONFIDENTIAL**

DST information attached.

Name	Top	Bottom
BFH	644 (+3237)	BKC 4510 (- 629)
DC	1623 (+2258)	MARMATON 4518 (- 637)
BSC	2543 (+1338)	CHEROKEE 4660 (- 779)
NEVA	3308 (+ 573)	ATOKA 4866 (- 985)
PENN	3561 (+ 320)	MORROW 5009 (-1128)
TOPEKA	3763 (+ 118)	U/MRW SD 5021 (-1140)
HEEBNER	4014 (- 133)	B/U MRW SD5030 (-1149)
TORONTO	4044 (- 163)	L/MRW LM 5135 (-1254)
LKC	4073 (- 192)	MISS 5215 (-1334)
STARK	4371 (- 490)	

**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	12 1/2"	8 5/8"	24#	530'	60/40 Poz	200	3% CC
Production	7 7/8"	5 1/2"	15.5#	5298'	Class C	75	3% CC
					Class H	150	10% salt, 1%
					Lite Class H	300	

Halide 322

**PERFORATION RECORD**

Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth

Shots Per Foot	Specify Footage of Each Interval Perforated	Depth
4	5023-28'	none

**TUBING RECORD**

Size 2 7/8" Set At 5093' Packer At

Liner Run  Yes  No

Date of First Production 3/29/90  
Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours  
Oil 88 Bbls. Gas -- Mcf Water -- Bbls. Gas-Oil Ratio -- Gravity --

Disposition of Gas:

**METHOD OF COMPLETION**

Production Interval

Vented  Sold  Used on Lease  
(If vented, submit ACO-18.)

Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_

5023-28'

**ORIGINAL**

OPERATOR: MURFIN DRILLING COMPANY

DONALD SCHMIDT #1-25  
SW SW SW Sec. 25-18S-43W  
Greeley County, KS

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APR 30 1991

DST #1: 3763-3786 Topeka

30-45-60-90

IF: v wk blow, v slowly increasing to 1" in the water.

FF: v wk blow 1/16" throughout

REC: 120' M w/H2S odor

HP: 1732-1720

SIP: 896-896

FP: 41/61 77/102

BHT: 117°

RW: .55 @ 60° 6000 ppm chloride

SAMPLER: .1 cf gas, 3150 ccm, no water, 238 psi

DST #2: 5004-5076

30-60-120-120

IF: wk blow slowly increasing to strong off the btm of the  
bucket in 5 min. GTS @ end of period 18.5 mcf.

FF: wk blow increasing to strong off the btm of bucket in 5 min.

REC: 3070' GIP

1905' total fluid

1301' Cln GO (70% O, 30% G)

604' GMCO (50% O, 10% G, 40% M)

No Water, 39° API

HP: 2450-2410, SIP: 1085-1085, FP: 155-207/293-648

BHT: 130°

5 min 5.3 mcf  
10 min 12.7 mcf  
15 min 18.5 mcf  
20 min 26.1 mcf  
25 min 30.8 mcf  
30 min 33.2 mcf  
35 min 39.2 mcf  
40 min 40.0 mcf  
45 min 42.4 mcf  
50 min 43.2 mcf  
55 min 44.7 mcf  
60 min 46.3 mcf  
65 min 47.9 mcf  
70 min 49.4 mcf  
75 min 51.0 mcf  
80 min 52.5 mcf  
85 min 53.2 mcf  
90 min 55 mcf  
95 min 57.1 mcf  
100 min 58.4 mcf  
105 min 59.0 mcf  
110 min 59.7 mcf  
115 min 60.4 mcf  
120 min 60.4 mcf

Sample Chamber: 7.865 cubic ft gas

3325 cco

3150 cc total volume

MAY 02 1990