

RELEASED ORIGINAL

9-10-91

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

SIDE ONE

AUG 29
API NO. 15- 155-21,170 - 0000

SEP 9 1992
FROM CONFIDENTIAL

County Wichita Reho

Irregular Section
Approx. NW/4 Sec. 6 Twp. 26 Rge. 8 East
West

Operator: License # 30606

Name: Murfin Drilling Company, 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: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: _____

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:
 Mud Rotary Air Rotary Cable

06-29-91 07-03-91
Spud Date Date Reached TD Completion Date

1980 Ft. FNL of NW Corner

1980 Ft. FNL of NW Corner
(NOTE: Locate well in section plat below.)

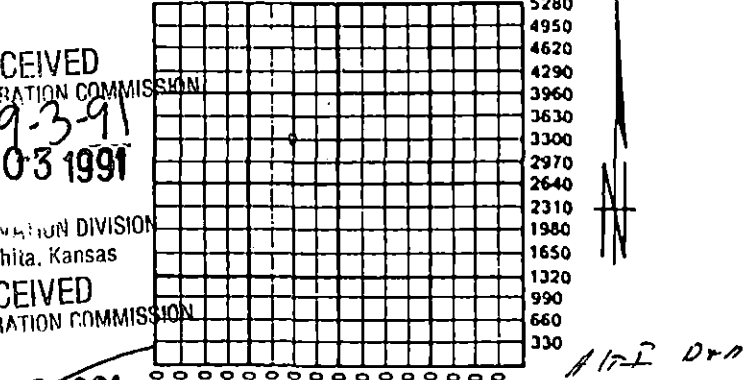
Lease Name Santee Well # 1-6

Field Name _____

Producing Formation _____

Elevation: Ground 1666 KB 1674

Total Depth 4340 PBDT _____



Amount of Surface Pipe Set and Cemented at 265 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
9-3-91
SEP 03 1991
CONSERVATION DIVISION
Wichita, Kansas
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SEP 10 1991
CONSERVATION DIVISION
Wichita, 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 C. Scott Robinson
Title C. Scott Robinson Geological Mgr. Date 8/29/91

Subscribed and sworn to before me this 29th day of Aug., 19 91.

Notary Public Glenda G. Newell
Date Commission Expires 7-2-93

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)

GLEND A. G. NEWELL
NOTARY PUBLIC
STATE OF KANSAS
By Appl. Exp. 7-2-93

ORIGINAL

KCC

Operator: Murfin Drilling Company, Inc.

AUG 29

Well: SANTEE 1-6
1980 FNL of NW Corner
1980' FWL of NW Corner
Sec. 6-26S-8W
Reno County, Ks.

RELEASED
SEP 09 1992 CONFIDENTIAL
FROM CONFIDENTIAL

API# 15-155-21,170

LOG TOPS:	
MISS	3919 (-2245) +1
KINDERHOOK	4001 (-2327) -1
VIOLA	4211 (-2537) -4
SIMPSON SHALE	4279 (-2605)
SIMPSON SAND	4281 (-2607) -2

DST#1: 2352'-2440' (Langdon Sand)

30-45-60-60
IF: Strong blow off the bottom of bucket in 5 min - NGTS
FF: Immediate strong blow thru out
Rec: 1750' SW
HP: 1175-1122#, SIP: 889-889#, FP: 129-355/299-484#, BHT: 128°
127,000 ppm chlorides

DST #2: 3858-3945 - Miss

30-45-60-90
IF: wk bldg to fair 8" @ end of period
FF: 10" blow decreased to 5" in 30 min.
Had 6 pounds LCM in the system, tester indicated there was LCM in the tool when he broke it down, but it was not packed in real tite.
Rec: 130' Hvy Mud
HP: 1920-1867, SIP: 697-1122, FP: 106-106/322/plugged, BHT: 122°

DST #3: 4195-4235 - Viola

30-45-60-90
IF: very bk blow thruout almost died
FF: Flushed tool imed, strong blow off the bottom of bucket, remained thru end of period.
REC: 90' GIP
180' Sl OG&WCM (10% G, 5% O, 25% W, 60% M)
2220' W
Chlorides - 43,000 ppm
HP: 2027-
SIP: 1143-1143
FP: plugged - 538-1048
BHT: 130°

DST #4: 3850-4000 - Miss MISRUN

IF: wk building to 8" in 11 min, had a packer seat failure 20 min into IFP.
REC: 1200' M
FP: 107-107

DST #5: 3927-3984 - Miss

60-60-120-90
IF: strong blow off btm of bkt in 10 min.
FF: strong blow thru out
REC: 450' GIP
150' G&OCM (10% G, 5% O, 85% M)
180' W
Chlorides: 47,000 ppm
HP: 1889-1867, SIP: 1122-1122, FP: 107-107/161-161, BHT: 118°

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SEP 10 1991

Wichita Kansas

SEP 03 1991

Wichita, Kansas

ORIGINAL

RELEASED
SEP 09 1992
FROM CONFIDENTIAL

DRILLER'S WELL LOG

DATE COMMENCED: June 29, 1991
DATE COMPLETED: July 9, 1991

LOG #

AUG 29

CONFIDENTIAL

Murfin Drilling Co., Inc.
SANTEE #1-6
Irregular Section, Approx. NW/4
Section 6, T26S, R8W
Reno County, Ks.

elevation: 1674 K.B.

Surface Pipe: Set new 8-5/8",
23# pipe @ 265' w/170 sacks
60/40 pozmix, 2% gel 3% cc.

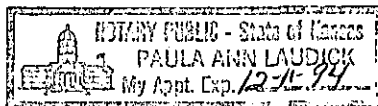
- 0 - 493' Surface Soil, Clay, Shale
- 493 - 1230' Shale
- 1230 - 1577' Shale w/lime streaks
- 1577 - 2225' Shale & Lime
- 2225 - 2440' Shale & Sand
- 2440 - 3489' Lime & Shale
- 3489 - 3792' Lime
- 3792 - 4001' Chert & Lime
- 4001 - 4171' Lime & Shale
- 4171 - 4238' Shale & Chert
- 4238 - 4340' Sand
- 4340' RTD

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

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

Subscribed and sworn to before me this 11th day of July 1991.


Notary Public

RECEIVED
STATE CORRELATION COMMISSION

SEP 10 1991

CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORRELATION COMMISSION

SEP 03 1991

CONSERVATION DIVISION
Wichita, Kansas