

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 6033  
name Murfin Drilling Co.  
address 250 N. Water  
Suite 300  
City/State/Zip Wichita, KS 67202

Operator Contact Person P.J. Corey  
Phone 316-267-3241

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Roger Welty  
Phone 913-674-5835

Designate Type of Completion

New Well  Re-Entry  Workover

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

If OWWO: old well info as follows:

Operator .....  
Well Name .....  
Comp. Date ..... Old Total Depth .....

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
6-14-84 6-24-84 7/13/84  
Spud Date Date Reached TD Completion Date

3730' 3693'  
Total Depth PBSD

Amount of Surface Pipe Set and Cemented at 239 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set ..... feet

If alternate 2 completion, cement circulated  
from ..... feet depth to ..... w/ ..... SX cmt

API NO. 15- 051-23,932

County Ellis

NW SE NW Sec 1 Twp 12S Rge 20  East  West  
(location)

3630... Ft North from Southeast Corner of Section  
3630... Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

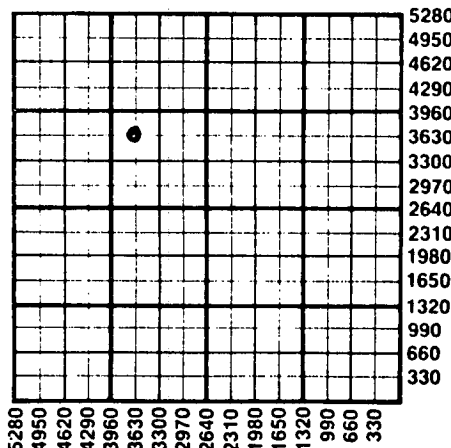
Lease Name Rusco-Davis Well# 1-1

Field Name STAR SW

Producing Formation L/KC

Elevation: Ground 2049 KB 2054

Section Plat



WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit # .....

Groundwater..... Ft North From Southeast Corner and  
(Well) ..... Ft. West From Southeast Corner of  
Sec Twp Rge  East  West

Surface Water..... Ft North From Southeast Corner and  
(Stream, Pond etc.)..... Ft West From Southeast Corner  
Sec Twp Rge  East  West

Other (explain) .....  
(purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring

Docket # n/a

**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 drillers time log shall be attached with this form. 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 By: P. J. Corey  
Title Eastern Div. Prod. Mgr. Date 8/8/84

Subscribed and sworn to before me this 8 day of August 19 84

Notary Public Kerran Redington  
Date Commission Expires 2/6/86

KERRAN REDINGTON  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 2-6-86

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)

Form ACO-1  
(This form supercedes  
previous forms  
ACO-1 & C-10)

Sec. 1... Twp. 12S Rge. 20E

Operator Name Murfin Drilling Co. Lease Name Rusco-Davis Well# 1-1 SEC 1 TWP. 12S RGE. 20  East  West

**WELL LOG**

**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  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

DST #1: 3327-3383' / 45-60-90-90. Rec 702' GMCO.  
 HP: 1761-1739#. SIP: 1203-1192#. FP: 660219/265-334#. BHT: 116°.

Name	Top	Bottom
Heebner	3297'	
Toronto	3318'	
Lansing	3336'	
BKC	3573'	
Arbuckle	3654'	
RTD	3730'	

DST #2: 3384-3402' / 45-45-45-60. Rec 10'M.  
 HP: 1807-1784#. SIP: 1123-1112#. FP: 33-33/44-44#. BHT: 114°.

DST #3: 3401-3423' / 45-45-45-90. Rec 80' wtry  
 OCM. HP: 1784-1761#. SIP: 1032-1203#. FP: 33-33/44-44#. BHT 114°.

DST #4: 3423-3440' / 30-45-60-90. Rec 660' GIP +  
 1080' gsy sl MCO. HP: 1727-1705#. SIP:  
 1158-1158#. FP: 77-230/277-415#. BHT: 116°.

DST #5: 3502-3526' / 30-30-30-90. Rec 1' M.  
 HY: 1795-1786#. SIP: 29-34#. FP: 23-23/23-29#. BHT: 112°.

DST #6: 3524-3570' / 30-45-30-45. Rec 10' sl OCM.  
 HP: 1795-1773#. SIP: 952-735#. FP: 23-23/23-27#. BHT: 115°.

DST #7: 3631-3665' / 30-45-30-45. Rec 2'M.  
 HP: 1909-3898#. SIP: 826-690#. FP: 35-35/35-35#. BHT: 120°.

RELEASED

8-12-1985  
 AUG 12 1985

FROM CONFIDENTIAL

**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	12-1/4"	8-5/8"	24#	239'	Quickset	175	none
production	7.7/8"	5.1/2"	15.5#	3729'	Class A	25	10% salt, 3/4% CFR-2, 2% Gel, 2% CC
			150 Howcolite + 100	50-50 Pozmix + 500	50-50 Pozmix		

**PERFORATION RECORD**

**Acid, Fracture, Shot, Cement Squeeze Record**

shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
4	3436-40'	250 gal. MOD-202	3436-40'
4	3421-24'	250 gal. MOD-202	3421-24'
4	3372-76'	250 gal. MOD-202	3372-76'

**TUBING RECORD**

size 2 7/8" set at 3350' packer at -- Liner Run  Yes  No

Date of First Production 7/20/84 Producing method  flowing  pumping  gas lift  Other (explain) .....

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas - Oil Ratio	Gravity
	103	---	10.30	----	----
	Bbls	MCF	Bbls	CFPB	

**METHOD OF COMPLETION**

**PRODUCTION INTERVAL**

Disposition of gas:  vented  sold  used on lease  
 METHOD OF COMPLETION:  open hole  perforation  other (specify) .....  
 Dually Completed.  Commingled

PRODUCTION INTERVAL: 3436-40', 3421-24', 3372-76'