

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 077 — 20, 174
County Number

S. 31 T. 32 R. 6 ^K/_W
Loc. NW NW SE
County Harper

Operator
McCoy Petroleum & Kedco Corp.

Address

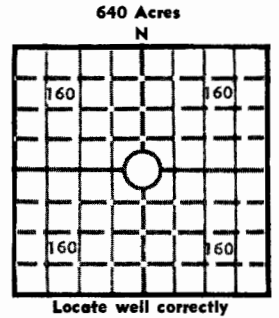
Well No. #1 Lease Name Williams

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Geologist

Spud Date Total Depth P.B.T.D.

Date Completed Oil Purchaser



Elev.: Gr. _____
DF _____ KB _____

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

DAILY REPORT

McCoy Petroleum Company & Kedco Corp.
#1 Williams
NW NW SE Sec. 31-32S-6W
Harper County, Kansas



Contractor: Sweetman Drilling, Inc. Rig #1

Elevations: 1373 GL 1380 DF 1383 KB

12-13-72 Stake Location.

12-31-72 Move in Rotary Tools and rig up.

1- 1-73 Spud @ 1:00 P. M. Set 8-5/8" new 20# surface casing @ 267'.
Globe cemented with 225 sx common cement, 2% gel, 3% calcium
chloride. Cement circulated. Plug down @ 8:30 P. M.

1- 2-73 Drilling @ 480'.

1- 3-73 Drilling @ 1735'.

1- 4-73 Drilling @ 2405'.

1- 5-73 Drilling @ 2980'.

1- 6-73 Drilling at 3540'.

1- 7-73 Fishing for bit cones at 3979'.

1- 8-73 Making bit trip at 4058'.

1- 9-73 Drilling @ 4352'.

Heebner	3240(-1857)
Stalnaker Sand	3557(-2174)
Kansas City	3843(-2460)
Stark Shale	3992(-2609)
Base Kansas City	4076(-2693)
Cherokee Shale	4269(-2886)
Mississippian	4438(-3055)
Total Depth	4460(-3077)

#1 Williams
NW NW SE Sec. 31-32S-6W
Harper County, Kansas



1-10-73 RTD 4460'.

DRESSER-ATLAS LOG TOPS

Heebner	3236(-1853)
Stalnaker Sand	3554(-2171)
Kansas City	3840(-2457)
Stark Shale	3986(-2603)
Base Kansas City	4073(-2690)
Cherokee Shale	4265(-2882)
Mississippian	4435(-3052)
Total Depth	4457(-3074)

Mississippian Dolomite with fair porosity and good gas show
4441-4454'.

DST #1 4439-4457'.
Open 30", Shut in 45", Open 60", Shut in 60".
Gas to the surface in 5".
Stabilized at 116,000 CFGPD in 45" on second open.
Recovered 120' gas cut mud.
IBHP 1775#, FBHP 1767#, IFP 42#, FFP 42#.

Set new 4½", 10½#, K-55, STC, R-2, production casing. Casing
seat w/Baker Triplex Shoe is 4440 feet. Globe cemented with
150 sx. common cement, 15% salt. 10 barrels of salt flush
ahead of cement. Plug down @ 1:15 A.M. 1-11-73.

1-11-73 Moving out Rotary Tools.

5-16-73 Move in Hayes Well Service Double Drum Unit. Run new 2-3/8"
tubing with Rotary Bit on bottom. Rig up Power Swivel and
mud pump. Start drilling on cement. Shut down approximately
3 foot above base of shoe.

5-17-73 Drill shoe and clean out open hole. Circulate KCL treated water.
Pick tubing up 11 foot off bottom. 143 joints new 2-3/8", 4.7# EUE
J-55 tubing in hole. Rotary bit on bottom, seating nipple 1 joint
up. Total tally = 4434.37. Swab well to pits. After hole swabbed
down well gauged 105,000 CFGPD, natural. Rig up Acid Engineers to
acidize. Circulate acid to bottom. Acidize down tubing w/1000 gallons
SME 15% HCL. Start feeding @ 300# @ ¼ BPM, speed pump, finish @ 1100#
@ 4 BPM. Maximum pressure 1100#. Average injection rate = 2.7 BPM.
ISIP 450#. On vacuum in 17 minutes. Pull tubing swab once from 1000'
and once from 1500' and well kicked off. Kicked off @ 3:00 P. M.
Test as follows:

Daily report page 3.

Computer inventoried

#1 Williams
 NW NW SE Sec. 31-32S-6W
 Harper County, Kansas

5-17-73 (continued)

Time	Choke	Orifice	Orifice Pressure	Gauge	Casing Pressure	Tubing Pressure	Remarks
4:30 PM	20/64"	2 "	---	-----	450#	600#	Fog load water
5:00 PM	20/64"	1½"	16#	1,064,000 CFG	625#	625#	Fog load water
5:30 PM	20/64"	1½"	18#	1,146,000 CFG	740#	700#	Fog load water
6:00 PM	20/64"	1½"	22#	1,316,000 CFG	775#	715#	Fog load water
6:30 PM	20/64"	1½"	23#	1,346,000 CFG	800#	700#	Decrease in fog
7:30 PM	20/64"	1½"	23#	1,346,000 CFG	900#	650#	Decrease in fog

Shut in @ 7:30 P. M.

5-18-73 SICP 1550# SITP 1550#.

00 AM	20/64"	1½"	---	-----	1500#	1500#	Open well
00 AM	20/64"	1½"	33#	1,729,000 CFG	835#	660#	
10:00 AM	20/64"	1½"	28#	1,539,000 CFG	735#	585#	
11:00 AM	20/64"	1½"	25#	1,421,000 CFG	680#	540#	
Noon	20/64"	1½"	23#	1,346,000 CFG	650#	525#	
2:00 PM	20/64"	1½"	22#	1,316,000 CFG	600#	475#	
3:00 PM	20/64"	1½"	22#	1,316,000 CFG	600#	465#	
:30 PM	20/64"	1½"	22#	1,316,000 CFG	590#	475#	

Shut well in @ 3:30 P. M.

Will take open flow test in a few days.

5-22-73 SICP 1550# SITP 1550#.

5-30-73 Well tests run by Cities Service Gas Company, Anadarko Production Company and Peoples Natural Gas. Ran 4 point open flow, 24 hour 1 point test and took 72 hour Bottom Hole Pressure buildup test. Anadarko took gas sample for analysis.

INDICATED WELLHEAD OPEN FLOW: 2,304,000 CFGPD

SICP 1566# SITP 1564# Gas BTU 1096

Complete. Shut in. Wait on Gas Market.

