

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections. Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR McCoy Petroleum Corporation

API NO. 15-095-21,192-00-00

ADDRESS One Main Place / Suite 410
Wichita, Kansas 67202

COUNTY Kingman

FIELD Basil

**CONTACT PERSON Roger McCoy
PHONE 316-265-9697

PROD. FORMATION Mississippian

LEASE Early

PURCHASER Peoples Natural Gas Company

WELL NO. 2

ADDRESS R. H. Garvey Building
Wichita, Kansas 67202

WELL LOCATION C NE SE

660 Ft. from East Line and

1980 Ft. from South Line of

the SE/4 SEC. 4 TWP. 30 RGE. 7W

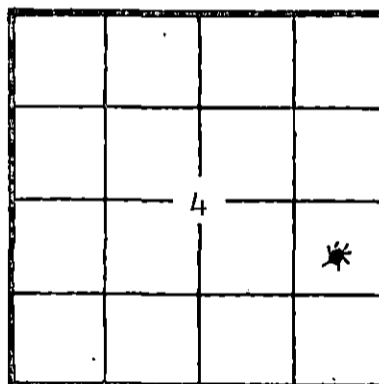
DRILLING Sweetman Drilling, Inc.

CONTRACTOR

ADDRESS One Main Place / Suite 410

Wichita, Kansas 67202

WELL PLAT



KCC
KGS
(Office Use)

PLUGGING
CONTRACTOR
ADDRESS

TOTAL DEPTH 4489' PBD 4200'

SPUD DATE 11-14-81 DATE COMPLETED

ELEV: GR 1461' DF 1468' KB 1471'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 254'

DV Tool Use

RECEIVED
STATE CORPORATION COMMISSION

JAN - 8 1982

1-8-1982
CONSERVATION DIVISION
SS Wichita, Kansas

A F F I D A V I T

STATE OF Kansas, COUNTY OF Sedgwick

John Roger McCoy OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS President (FOR)(OF) McCoy Petroleum Corporation

OPERATOR OF THE Early LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 2 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 28th DAY OF December, 1981, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

SUBSCRIBED AND SWORN BEFORE ME THIS 31st DAY OF December, 1981
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. Feb 20, 1982

(S) John Roger McCoy
Gwendolyn Louise Sellers
NOTARY PUBLIC

MY COMMISSION EXPIRES: 2-20-82

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
See attached Report.				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24#	254'	Common	200	2% gel 3-1/2% Cal. Chloride
Production	7-7/8"	5-1/2"	14#	4485'	Common	175	1/4# Flocele/Sack

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
250 gallons 15% MCA (12-10-81)	4485-4489' (Simpson)
1425 gallons 7-1/2% MCA (12-13-81)	4078-4098' (Mississippian)
Frac w/14,500 gallons x link gel x 10,500# of 16/40 sand	4078-4098' (Mississippian)
Date of first production 12-18-81	Producing method (flowing, pumping, gas lift, etc.) Pump
Gravity	
RATE OF PRODUCTION PER 24 HOURS	Oil 2-1/2 bbls. Gas 125 MCF Water 95% 50 bbls. Gas-oil ratio 50,000/1 CFPB
Disposition of gas (vented, used on lease or sold) Sold	Perforations 4078-4098'



Natural Gas • Crude Oil
Exploration & Production

McCoy Petroleum Corporation

One Main Place / Suite 410 Wichita, Kansas 67202

John Roger McCoy
President

316-265-9697

Harvey H. McCoy
Vice-President

DAILY REPORT

McCoy Petroleum Corporation
#2 Early
C NE SE Section 4-30S-7W
Spivey-Grabs Field
Kingman County, Kansas
API # 15-095-21,192

Contractor: Sweetman Drilling, Inc.
Geologist: Robert E. McCann

Elevations: 1471 KB 1468 DF 1461 GL

11-14-81 Move in Rotary Tools. Rig up. Spud @ 5:00 P.M. Set new 8-5/8" OD 24# surface casing @ 254'. Halliburton cemented with 200 sacks common cement, 2% gel, 3% calcium chloride. Cement circulated. P.D. @ 11:30 P.M.

11-15-81 WOC @ 256'.

11-16-81 Drilling @ 1652'.

SAMPLE TOPS

11-17-81	Drilling @ 2518'.	Heebner	3066(-1595)
		Lansing	3292(-1821)
11-18-81	Drilling @ 3380'.	Kansas City	3562(-2091)
		Stark Shale	3709(-2238)
11-19-81	Out of hole w/DST #1 @ 3702'.	Cherokee	3960(-2489)
		Mississippian	4077(-2606)
		Kinderhook	4368(-2897)
		Simpson	4486(-3015)
		RTD	4490(-3019)

DST #1 3685-3702' (Kansas City "C" Zone)
Open 30", S.I. 45", Open 60", S.I. 60"
Fair blow increasing to good blow.
Recovered 880' gas in pipe,
20' gas cut mud,
60' oil and gas cut mud,
100' heavily oil and gas cut mud, (5% oil, 1% mud, 15% gas)
20' oil cut muddy water

ISIP 1260# FSIP 1302#
FP 86-64# 118-96#

11-20-81 Drilling @ 4042'.

RECEIVED
STATE CORPORATION COMMISSION

JAN - 8 1982

CONSERVATION DIVISION
Wichita, Kansas
water, 1% gas

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Page 2

DST #2 4080-4110' (Mississippian)
Open 30", S.I. 45', Open 60", S.I. 60"
Gas to surface in 11 minutes.
Gauge 47,700 CFG in 15 minutes on 1st open.
59,200 CFG in 20 minutes
64,000 CFG in 30 minutes
Gauge 81,800 CFG in 10 minutes on 2nd open.
73,600 CFG in 20 minutes
73,600 CFG in 30 minutes
68,800 CFG in 40 minutes
68,800 CFG in 50 minutes
68,800 CFG in 60 minutes
Recovered 140 feet of gas cut mud,
60 feet of gas cut thin mud.
ISIP 591# FSIP 591#
FP 75-75# 75-75#

11-21-81 Circulating @ 4165'.

DST #3 4110-4165 (Mississippian)
Open 30", S.I. 30", Open 60", S.I. 60"
Strong blow decreasing to good blow.
Recovered 65 feet of gas cut mud,
120 feet of very slightly oil and gas cut thin mud.
ISIP 215# FSIP 290#
FP 75-43# 107-96#

11-22-81 Drilling @ 4310'.

11-23-81 Taking DST #4 @ 4490'.

DST #4 4475-4490 (Simpson)
Open 30", S.I. 45", Open 60", S.I. 60"
Strong blow throughout test.
Recovered 3475 feet of gas in pipe,
45 feet of heavily oil and gas cut mud, (50% gas, 15% oil
24% mud, 6% water).
60 feet of heavily gas cut muddy oil, slightly watery,
120 feet of heavily oil and gas cut watery mud, (54% gas,
16% oil, 22% mud, 8% water)
120 feet of slightly oil and gas cut muddy water (90,304
ppm chlorides)
ISIP 1598# FSIP 1598#
FP 39-97# 97-137#

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Page 3

ELECTRIC LOG TOPS

Heebner	3065(-1594)
Lansing	3291(-1820)
Kansas City	3559(-2088)
Stark Shale	3708(-2237)
Cherokee Shale	3960(-2489)
Mississippian	4072(-2601)
Kinderhook	4370(-2899)
Chattanooga	4452(-2987)
Simpson Sand	4485(-3014)
LTD	4489(-3018)

- 11-24-81 Set 134 joints of new 5-1/2" OD, 14#, J-55, Smls., R-2, API Casing @ 4485-1/2". Halliburton Packer shoe on bottom. Cement with 175 sacks Howco Light Cement, 1/4# Flocele per sack. Shoe joint 36.07' long. P.D. @ 7:20 A.M. WOC.
- 12-07-81 Move in Hayes Well Service Completion Unit. Rig up. Run 2-3/8" EUE tubing with Rotary bit.
- 12-08-81 Rig up Power Swivel and mud pump. Drill plug, float, cement and shoe. Clean out open hole to RTD. Circulate clean.
- 12-09-81 Hole volume = 101 bbl. Pick tubing up 1 joint off bottom. Bit still on tubing. Swab back 92 bbl. with show of oil and gas. (-9 bbl. load) Shut down for night. Left tubing open to tank.
- 12-10-81 CP 20#. Small gas blow on tubing. Fill up 800' fluid in 15 hours. 300' of free oil and 500' of water. Swab down. 5 BO and 19 BW. Rig up Halliburton. Lower tubing to near bottom. Circulate acid to bottom. Acidize with 250 gallons of 15% MCA. Start feeding @ 600#. Treat @ 1 BPM @ 625#. Maximum pressure 625#. ISIP 400#. On vacuum in 12 minutes. Total load = 107 bbls. Swab back 83.52 BL/3 hrs. (Short 23.48 BL) 4% oil last hour. Shut in for night.
- 12-11-81 CP 80#. TP 50#. Fill up 2250' fluid, 30% oil. (600' free oil on top.) Swab down. After load was recovered, swab average = 2.9 BFPH. Tank gauges indicate 9 bbl. of new oil and 32 bbl. of new water. (28% oil overall)
- Pull tubing. Will set plug above Simpson and perforate Mississippian. Simpson should be produced after Mississippian is depleted

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Page 4

- 12-12-81 Rig up Great Guns. Run Gamma Ray CCL. Top of fluid @ 3025'. Overnight fill up from Simpson = 1465'. Set Baker "P" Plug @ 4200'. Perforate Mississippian from 4078 to 4098' with 2 SSB Jet shots per foot. (40 holes). Run casing swab. Swab down to 3500'. Recovered 9.28 bbls. of green Simpson oil. 600' of fluid still above Mississippian perforations. Making good show of gas from Mississippian. Had to shut down to repair bad spot in sand line. Will finish swabbing down Monday. Leave well venting gas to tank. Estimated 30 MCFG.
- 12-13-81 Swab down to perforations. Swab dry with good show of gas. Rig up Buie Co. to acidize. Acidize down casing with 1425 gallons of 7-1/2% MCA. Use 30 ball sealers. Start in formation @ 750# @ 7 BPM, break to 400#, finish @ 200# @ 9 BPM. Immediate vacuum. Total load = 139 bbl. Swab to bottom. Recovered 84.04 BLW (-54.96 BL) Let set 1 hour. Pull swab. Recovered 2.84 BLW (52.12 BL) Estimated 30 to 50 MCFGPD. Rig up Buie Co. to Frac. Frac down casing with 14,500 gallons cross link gel and 10,500# of 16-30 sand as follows: Set rate @ 14.5 BPM. 5000 gallons pad, 3000 gallons w/sand @ 3/4#/gal., 3000 gallons w/sand @ 1#/gal., 3500 gallons w/sand @ 1-1/2#/gal., 4500 gallons flush. Start in perf's @ 800#, increase to 900# and fell back to 750#, increase to 800# with 3/4#/gallon sand on bottom and remained @ 800#. With 410 bbl. pumped (by barrel counter) ran out of fluid in frac tank. Barrel counter apparently not correct as 460 barrels had been pumped. Shut down. 2000# of sand still in casing. ISIP 400#. Down 4 minutes connecting hoses to swab tank. Pressure drop to 100#. Displace sand and use 13 barrels of overflush. Pump from swab tank @ 10 BPM @ 625#. ISIP 425#. On vacuum in 15 minutes. Actual fluid pumped = 503 bbl. There is probably 1500 to 2000# more sand in formation than was initially calculated. It should be a good frac job. Will put well on pump and pump load water back.
- 12-14-81 Run 2-3/8" EUE, J-55 tubing as follows: 31.19' long, slotted, orange peeled, mud anchor; seating nipple; 128 joints tubing and (2) 6' long tubing subs. Total tally = 4082.82. Swing @ 4090' KB. Run 2" X 1 1/2" X 12' RWAC pump, 161 new Axelson 3/4" sucker rods and (2) 6' pony rods. Make up well head. Release Pulling Unit.
- 12-16-81 Set new Lufkin C1140-143-64 Pumping Unit with rebuilt C-96 engine. Lay 2-3/8" EUE lead line back to tank battery.
- 12-17-81 Start well pumping back load. Pumping 11-1/2 SPM X 64".
- 12-18-81 Selling 67,000 CFGPD. Show of oil @ bleeder. Estimated short 330 bbl. of load water.

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Page 5

12-19-81 Selling 75,000 CFGPD. Estimated short 200 bbl. of load.
12-20-81 Selling 90,000 CFGPD. Estimated short 100 bbl. of load.
12-21-81 Selling 100,000 CFGPD.
12-22-81 Selling 100,000 CFGPD. Most of load should be back.
12-28-81 Selling 125,000 CFGPD and approximately 2.5 BOPD. Gas has been
 slowly increasing in volume each day.

Complete 12-28-81

(Will open Simpson and Kansas City zones to production at a
later date.)