

State Geological Survey

KANSAS DRILLERS 

WICHITA BRANCH

S. 5 T. 26 R. 12 E
W

API No. 15 — 151 — 20882
County Number

Loc. SE NWNE

County Pratt

Operator McCoy Petroleum Corporation

Address One Main Place / Suite 410 Wichita Ks. 67202

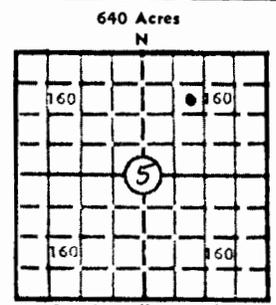
Well No. 1 Lease Name Hawver

Footage Location 990 1650
feet from (N) (S) line feet from (E) (W) line

Principal Contractor Sweetman Drilling Inc. Geologist Bob McCann

Spud Date 3-26-81 Total Depth 4300' P.B.T.D.

Date Completed 5-2-81 Oil Purchaser Koch



Elev.: Gr. 1887

DF 1894 KB 1897

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
Surface	12 1/4	8 5/8	28#	380'	Common	325	2% gal 3% calchlor
Production	7 7/8	4 1/2	10.5#	4298'	Common	225	1/4# per sack Flo Seal

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Jumbo Jet	4055-4060
			2		4062-4069
			2	Jumbo Jet	4072-4076
			2		4088-4092

TUBING RECORD

Size	Setting depth	Packer set at	Shots per ft.	Size & type	Depth interval
2 3/8 EVE	4134'		2	Jumbo Jet	4072-4076
			2		4088-4092

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4-20-81 ACID 250 gallons 15% MCA + 750 gallons 7 1/2% MCA	
FRAC 40,000 gallons Versagel 1300 + 28,100# sand	

INITIAL PRODUCTION

Date of first production <u>5-2-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pump</u>
RATE OF PRODUCTION PER 24 HOURS	Oil <u>55</u> bbls. Gas <u>18</u> MCF Water <u>18</u> bbls. Gas-oil ratio <u> </u> CFPB
Disposition of gas (vented, used on lease or sold) <u>used on lease</u>	Producing interval(s) <u>4055 - 4092</u>

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.

Operator *McCoy Petroleum Corporation* DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. *1* Lease Name *Hawver* *Oil*

S 5 T 26 R 12 E W

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
<i>see attached report</i>				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<hr/> <p style="text-align: center;">Signature</p> <hr/> <p style="text-align: center;">Title</p> <hr/> <p style="text-align: center;">Date</p>
---------------	---

5-26-12W



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
#1 Hawver
SE NW NE Section 5-26S-12W
Wildcat
Pratt County, Kansas
API # 15-151-20,882

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

Elevations: 1897 KB 1894 DF 1887 GL

03-26-81 Move in Rotary Tools. Rig up. Spud @ 3:00 P.M. Set 8-5/8" surface casing @ 380' with 325 sacks common cement, 2% gel, 3% calcium chloride. P.D. @ 8:30 P.M.

03-27-81 Drilling @ 625'.
03-28-81 Drilling @ 1850'.
03-29-81 Drilling @ 2634'.
03-30-81 Drilling @ 3366'.
03-31-81 Taking DST #1 @ 3684'.

SAMPLE TOPS

Heebner	3456(-1559)
Toronto	3473(-1576)
Brown Lime	3617(-1720)
Lansing	3640(-1743)
B/KC	3951(-2054)
Mississippian	4053(-2156)
Viola	4135(-2238)
Simpson Shale	4197(-2300)
Simpson Sand	4220(-2323)
Basal Simpson Sand	4276(-2379)
Arbuckle	4280(-2383)
RTD	4300(-2403)

DST #1 3657-3684' (L-KC) 30' Zone
Open 30", S.I. 45", Open 60", S.I. 60"
Fair blow.
Recovered 100' of oil and gas cut mud,
120' of oil and gas cut watery mud,
120' of slightly oil cut muddy water.
ISIP 1109# FSIP 1119#
FP 54-86# 118-140#

5-26-12W

McCoy Petroleum Corporation
#1 Hawver
SE NW NE Section 5-26S-12W
Wildcat
Pratt County, Kansas

Page 2

04-01-81 Taking DST #2 @ 3804'.

DST #2 3787-3804' (L-KC) 140' Zone
Open 30'', S.I. 30'', Open 30'', S.I. 30''
Weak blow on 1st open. Dead on 2nd open.
Recovered 20' mud with a few oil spots.
ISIP 1173# FSIP 1077#
FP 75-64# 75-86#

DST #3 3853-3884' (L-KC) 220' Zone
Open 30'', S.I. 45'', Open 60'', S.I. 60''
Weak blow throughout test.
Recovered 150' very slightly oil cut thin mud,
120' watery mud.
ISIP 1205# FSIP 1184#
FP 64-64# 129-129#

04-02-81 Drilling @ 3891'.

DST #4 3898-3920' (L-KC) 240' Zone
Open 30'', S.I. 30'', Open 30'', S.I. 30''
Weak blow for 7 minutes and died.
Recovered 20' mud with a few oil spots.
ISIP 658# FSIP 496#
FP 97-97# 97-97#

04-03-81 Drilling @ 4056'.

DST #5 4055-4095' (Mississippian)
Open 30'', S.I. 45'', Open 90'', S.I. 90''
Strong blow. Gas to surface in 20 minutes on 2nd open.
Gauge 4,120 CFG in 30 minutes,
3,370 CFG in 60 minutes,
3,370 CFG in 90 minutes.
Recovered 250' fluid as follows:
120' heavily oil cut mud,
70' froggy oil,
60' clean oil.
ISIP 819# FSIP 1002#
FP 43-54# 75-75#

04-04-81 Taking DST #6 @ 4170'.

5. 26 12W

McCoy Petroleum Corporation
#1 Hawver
SE NW NE Section 5-26S-12W
Wildcat
Pratt County, Kansas

Page 3

DST #6 4112-4170' (Viola)
Open 30", S.I. 45", Open 60", S.I. 60"
Weak blow throughout test.
Recovered 130' fluid as follows:
70' very slightly oil cut mud,
60' slightly oil cut mud. (Grind out 10% oil)
ISIP 1226# FSIP 1034#
FP 43-86# 64-75#

04-05-81 Taking DST #7 @ 4244'.

DST #7 4222-4244' (Simpson)
Open 30", S.I. 60", Open 90", S.I. 90"
Weak blow throughout test.
Recovered 310' fluid as follows:
70' very slightly oil cut muddy water,
240' slightly muddy water.
ISIP 1248# FSIP 1237#
FP 86-86# 129-151#

DST #8 4272-4282' (Basal Simpson - Arbuckle)
Open 30", S.I. 30", Open 30", S.I. 30"
Weak blow, died in 25 minutes. Dead on 2nd open.
Recovered 5' mud.
ISIP 1237# FSIP 1130#
FP 75-64# 54-54#

04-06-81 RTD 4300'. Logging.

DRESSER-ATLAS TOPS

Heebner	3456(-1559)
Toronto	3473(-1576)
Brown Lime	3616(-1719)
Lansing	3637(-1740)
B/KC	3946(-2051)
Mississippian	4052(-2155)
Viola	4134(-2237)
Simpson Shale	4194(-2297)
Simpson Sand	4218(-2321)
Basal Simpson Sand	4276(-2379)
Arbuckle	4280(-2383)
LTD	4300(-2403)

04-07-81 Set 129 joints of new 4-1/2" OD, 10.5#, J-55, R-2, API casing @ 4298'. Halliburton cement with 225 sacks common cement with 1/4# per sack of Floseal. P.D. @ 3:00 A.M. Shoe joint is 33.47' long. W.O.C.

5.26.12W

McCoy Petroleum Corporation
#1 Hawver
SE NW NE Section 5-26S-12W
Wildcat
Pratt County, Kansas

Page 4

04-17-81 Move in Hayes Well Service. Swab casing down to 3000'. Will perforate in the morning.

04-18-81 Rig up Dresser-Atlas. Run GR-CCL log from PBD up to 3400'. Perforate Mississippian with Jumbo Jets as follows:

Perforate 4055-4060' with 2 shots/foot
Perforate 4062-4069' with 2 shots/foot
Perforate 4072-4076' with 2 shots/foot
Perforate 4088-4092' with 2 shots/foot

Swab down to below perforations. Slight show of oil and gas on last pull. Shut down until Monday.

04-19-81 Shut down.

04-20-81 FU 110' oil. Swab down. Recovered 1.81 B0. Rig up Halliburton to acidize. Acidize with 250 gallons 15% MCA and 750 gallons 7-1/2% MCA. Pressure up to 1000# in steps, feed 1/4 BPM @ 1000# falling to 850#, feed 1 BPM @ 950#, feed 1-3/4 BPM @ 1050#, feed 2-1/2 BPM @ 1100#, feed 3 BPM @ 1150#. Finish @ 3 BPM @ 1150#. ISIP 1050#. Pressure drop to 750# in 15". Bleed back to tank. Swab casing. Total load = 91 bbl.

Recovered 73.08 BF on swab down (-17.92 BL) Swab 1.45 BF w/good oil show/45" (-16.47 BL). Swab .87 BF, 50% oil/1 hr. (-15.60 BL). Rig up Buie Company to frac.

Frac down casing with 40,000 gallons Versagel 1300 x 20,000# of 16-30 sand and 8,100# of 10-20 sand split in 2 stages as follows: Set rate @ 18 BPM. Pad on bottom @ 1300#, 1/2#/gallon 16-30 sand on bottom @ 1400#, 3/4#/gallon sand @ 1400#, 1#/gallon sand @ 1400#, 1.25#/gallon sand @ 1425#, 1#/gallon of 10-20 sand @ 1450#, pump 4,000 gallons pad w/20 ball sealers, pressure increased to 2250# @ 15 BPM when balls hit perforations, increase rate to 18 BPM, 1/2#/gallon 16-30 sand on bottom @ 2250#, 3/4#/gallon sand @ 2300#, 1#/gallon sand @ 2300#, 1-1/4# gallon sand @ 2275#, 1# gallon 10-20 sand @ 2225#, 4,000 gallons flush @ 2225#. ISIP 1350#, 15" drop to 650#. Shut in for night. Total load = 943 bbl.

04-21-81 SIP 360# Open well. Flow back 19.72 BL 1st hour and 10.44 BL 2nd hour. Total 30.16 BL (-912.48 BL) 1st 2 hours. Well still flowing. Stab Tubing Head on to casing. Run swab line to check sand fill up. Less than 10' sand in Rathole. Make up tubing head with stripper rubber. Run new 2-3/8" EUE J-55 tubing as follows: 29.82' long open end mud anchor, 3' perforated nipple, seating nipple and 127 joints of 2-3/8" EUE tubing. Total tally = 4055.22'. Swing @ 4053' KB. Make up well head. Well still flowing 2.50 BFPH. Well has flowed approximately 47 BLW since morning. (-896 BL). Start swabbing tubing.

5-26-12W

McCoy Petroleum Corporation
#1 Hawver
SE NW NE Section 5-26S-12W
Wildcat
Pratt County, Kansas

Page 5

1st hour Swab 41.08 BF, 2% oil (-854.92 BL)
2nd hour Swab 38.28 BF, 13% oil (-816.64 BL)

Shut down for night.

04-22-81 SICP 120# Open tubing. Unload 1/2 B0. Run tubing swab.
3150' fluid in hole.

1st hour	Swab 29.58 BF, 9% oil	(-787.06 BL)	CP 45#
2nd hour	Swab 23.78 BF, 13% oil	(-763.28 BL)	CP 40#
3rd hour	Swab 19.72 BF, 35% oil	(-743.56 BL)	CP 45#
4th hour	Swab 14.50 BF, 50% oil	(-729.06 BL)	CP 50#
5th hour	Swab 13.34 BF, 48% oil	(-715.72 BL)	CP 70#
6th hour	Swab 10.73 BF, 45% oil	(-704.99 BL)	CP 100#
7th hour	Swab 7.25 BF, 42% oil	(-697.74 BL)	CP 105#
8th hour	Swab 7.00 BF, 43% oil	(-690.74 BL)	CP 110#

Swab 3 BOPH and 4 BLWPH/last 2 hours. Shut in.

04-23-81 SICP 250# Lower tubing by adding 2 joints plus 8' sub. Swing
@ 4134'. Run new 1-1/2" x 2" x 12' RWAC Pump, 163 new 3/4"
Norris Sucker Rods, (1) 2' pony rod and 16' polish rod. Make
up well head. Release Pulling Unit.

04-24-81 Make well grade and Tank Battery Grade. Set new CDR 114-169-54
Pumping Unit.

04-27-81 Setting Tank Battery. Laying lead line.

04-28-81 Start pumping @ 3:00 P.M.

04-29-81 Pump 22 B0 and 8 BW. Wrist pin came out of Pumping Unit.
Wreck Unit.

04-30-81 Repair Unit. Start pumping @ 1:00 P.M.

05-01-81 Pump 33 BOPD and 45 BWPD. Vent gas.

05-02-81 Pump 55 BOPD and 18 BWPD.

I.P. 55 BOPD Complete 5-2-81