

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCHAPI No. 15 — 077 — 20,633
County Number

Operator

McGoy Petroleum Corporation

Address

One Main Place / Suite 410 Wichita Ks 67202

Well No.

1

Lease Name

Keeper "E"

Footage Location

1855'

2230'

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Sweetman Drilling Inc.

Geologist

Bob McCann

Spud Date

10-28-80

Total Depth

4428

P.B.T.D.

Date Completed

11-21-80

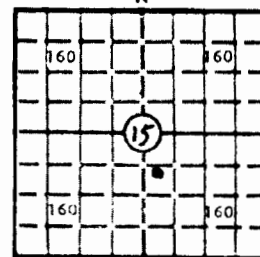
Oil Purchaser

Koch

S. 15 T. 31S R. 8 E W

Loc. W/2 A W SE Approx

County Harper

640 Acres
N

Locate well correctly

Elev.: Gr. 1609

DF 1616 KB 1619

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#	273'	Common	250	2% gel 3% Calchol
Production	7 7/8	4 1/2	10.5	4418'	Common	100	

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			
2 3/8 EVE	4423'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
11-80 Acid 500 gallons 7 1/2% BDA	4418'-4428'
1-12-80 Frac 3750 gallons Versagel + 3400# 20/40 sand	

INITIAL PRODUCTION

Date of first production 11-21-80		Producing method (flowing, pumping, gas lift, etc.) Pump			
RATE OF PRODUCTION PER 24 HOURS	Oil 16.70 bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 4418'-4428'		

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.: Oil	
Well No. 1	Lease Name Leeper "E"		
S 15 T 31S R 8 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
see attached report			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	Signature Title Date		



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 Leeper "E"

1855' FSL & 2230' FEL of SE/4 (Approx. W/2 NW SE)

Section 15-31S-8W

Harper County, Kansas

A.P.I. # 15-077-20,633

Contractor: Sweetman Drilling, Inc.

Geologist: Robert E. McCann

Elevations: 1619 KB 1616 DF 1609 GL

10-28-80 Move in Rotary Tools. Spud @ 3:00 P.M. Set 8-5/8" surface casing at 273' with 250 sacks common cement, 2% gel, 3% calcium chloride. P.D. @ 10:45 P.M.

10-29-80 WOC @ 273'.

10-30-80 Drilling @ 1690'.

10-31-80 Drilling @ 2527'.

11-01-80 Stuck @ 3200'. (Dropped blocks.) Repair rig. Spot 76 barrels of crude oil. Pull free. Change bit. Resume drilling.

11-02-80 Drilling @ 3587'.

11-03-80 Drilling @ 4350'.

11-04-80 Taking DST #1 @ 4428'.

DST #1 4417-4428' (Mississippian)

Open 30", S.I. 45", Open 60", S.I. 60"

Strong blow throughout test.

Recovered 120' gas in pipe,

10' mud,

60' oil and gas cut mud,

60' medium to heavily oil and gas cut mud.

ISIP 1133# FSIP 1175#

FP 30-73# 95-95#

SAMPLE TOPS

Heebner	3391(-1772)
Iatan	3630(-2011)
Lansing	3669(-2050)
Kansas City	3891(-2272)
Stark Shale	4047(-2428)
Cherokee	4298(-2679)
Mississippian	4416(-2797)
RTD	4428(-2809)

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Set 110 joints of 4-1/2" OD, 10.5#, J-55, R-3, API casing. Seating point on Triplex shoe @ 4418'. Cement with 100 sacks common cement. P.D. @ 10:25 P.M. Shoe joint with Triplex is 38.70' long.

11-10-80 Move in Hayes Well Service. Run new 2-3/8" EUE tubing with Rotary Bit. Shut down for night.

11-11-80 Rig up Power Swivel and Pump. Mix KCL water. Drill plug, float, cement and shoe. Clean out open hole to 4428', RTD. Rig up Dowell to acidize. Acidize with 500 gallons 7-1/2% BDA. Displace acid to bottom down tubing. Pressure up in steps to 1350#, broke to 800#, Feed 1-1/2 BPM @ 950#, increase rate, feed 2 BPM @ 1300#. ISIP 600#. On vacuum in 8 minutes. Total load = 75 barrels. Swab back 52 barrels of load. Fluid down to 4000'. Shut in for night.

11-12-80 SICP 100# 1600' of fill up in tubing. Acid water with show of oil. Swab down. Recover 20 barrels acid water with good show oil and gas. (-3 bbl. load) Last 2 pulls were almost all oil. Pull tubing. Rig up Halliburton to frac down casing. Frac with 3750 gallons Versagel 1400 and 2000 pounds 20/40 sand as follows: 500 gallons pad, 500 gallons with sand @ 1/4#/gallon, 1000 gallons with sand @ 1/2#/gallon, 1200 gallons with sand @ 3/4#/gallon, 500 gallons with sand @ 1#/gallon, 2966 gallons of flush and 570 gallons of overflush. Set rate @ 7 BPM. Hole load @ 2890 gallons, pump pad and 1/4#/gallon sand @ 950#, 1/2#/gallon sand @ 875#/gallon, 3/4#/gallon sand @ 900#, 1#/gallon sand @ 925#, finish flush @ 1000# maximum pressure. ISIP 875#. On vacuum in 25 minutes. Run sand pump. Made 4 runs. Hole clean. Run 2-3/8" EUE, J-55, 4.7#, 8rd tubing as follows: 31.74' long open end mud anchor, 3' perforated nipple, seating nipple, 139 joints tubing. No subs. Total tally = 4415.70'. Swing @ 4423' KB. Make up well head. Shut in for night.

11-13-80 Fluid 800' down. 171 barrels of load to recover.

PZ

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Section 15-31S-8W
Harper County, Kansas
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8:00 Start swabbing. 171 barrels of load to recover.

9:00	Swab	37.12 BF	1% oil	CP	0#	37.12 BF Cum
10:00	Swab	27.84 BF	6% oil	CP	0#	64.96 BF
11:00	Swab	23.24 BF	11% oil	CP	10#	88.20 BF
12:00	Swab	23.24 BF	12% oil	CP	15#	111.44 BF
1:00	Swab	6.96 BF	30% oil	CP	120#	118.40 BF
2:00	Swab	17.40 BF	19% oil	CP	125#	135.80 BF
3:00	Swab	18.50 BF	20% oil	CP	150#	154.30 BF
4:00	Swab	12.80 BF	21% oil	CP	180#	167.10 BF
5:00	Swab	11.60 BF	33% oil	CP	200#	178.70 BF

Shut in for night. 29 barrels new oil in swab tank. Still short about 21 barrels of load water. Good show of gas throughout day.

11-14-80 SICP 440# SITP 220# Run rods and pump as follows: New 1-1/2" x 2" x 12' RWAC Pump, 76 new Axelson 5/8" sucker rods and 99 new Axelson 3/4" sucker rods, (1) 8' pony rod and (1) 4' pony rod. Clamp off polish rod and make up well head. Release Pulling Unit. Wait on surface equipment.

11-21-80 Surface equipment set. Start pumping @ 4:00 P.M.

11-22-80 Pump 56 BF.

11-23-80 Pump 95 BF.

11-24-80 Pump 76 BF.

11-25-80 Pump 148 BF. Start water down SWD line.

11-26-80 Pump 16.70 B0.

11-27-80 Pump 13.36 B0.

11-28-80 Pump 13.36 B0.

11-29-80 Pump 13.36 B0.

11-30-80 Pump 16.70 B0.

12-01-80 Pump 15.00 B0.

Initial Potential: Pump 16.70 BOPD

Complete 12-02-80.