	(Stall Stall	z Geold	ogical = A BRANCH	Survey	\bigcirc		, as	
KANSAS DELELE	RS LOG	\cup	WICHIT	BRANCH			. 6 т	.26 r.12 s	
API No. 15		2088	3 /				oc. NE	.26 r.12 & ENENE	
	County	Nun	nber				ounty I		
Mc Coy Pe	troleum (Corporati	ion				-	640 Acres N	
Address One Main	Place 15	Suite 41	0 Wichi	ta Ks. 67	202		160	60	
Well No. Lease Name			n haver						
Footoge Location 330			330 feet from (E) (W) line						
feet fron (N) (S) line Principal Contractor			gist		ine		160	160	
Sweetman Drilling Inc.			Bob McCann Total Depth P.B.T.D.				Locate well correctly		
0-16-81			4325 4272				Elev.: Gr. 1889		
H-25-81		OII 7	Koc	h .		0	F 1896	кв_1899	
			CASING	RECORD					
Report of all string	s set — surface,	intermediate, p	production, et	с.					
Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type ce	ment	Sacks	Type and percent additives	
Surface	1214	8%	284	358	Comm	om	300	3% calchlor	
Production	7%	41/2	10.5*	4323	Commo	·	225	4# per Sack Floseal	
					73				
	LINER RECOF	lD				PERFORA	TION REC	CORD	
Top, ft.	Bottom, ft.	Sacks ce	ment	Shots	per ft.	Size	& type	Depth interval	
TUBING RECORD		RD	i i		Jumbo		La Tata	3876-3878	
Ŧ				1 3		1 JUM	かいしゃい	3970-2970	
Size 23/8 EUE	Setting depth 3919	Packer s	et at	23		Jum	bo Jets ou Jets	3870 - 3872 3814 - 3824 3675 - 3681	
Sixe 23/8 EVE	3919'	Pocker s		2 3	UEEZE REC		bu Jets	3870 - 3872 3814 - 3824 3675 - 3681	
Sixe 23/8 EVE	3919'		JRE, SHOT,	2 3	UEEZE REC			Depth interval treated	
	3919 '	CID, FRACTU	JRE, SHOT,	2 3	UEEZE REC		3876-3870-	Depth interval treated	
	3919'	CID, FRACTU	JRE, SHOT,	2 3	UEEZE REC			Depth interval treated 38.78 3872	
	3919 '	CID, FRACTU	JRE, SHOT,	2 3	UEEZE REC		3876- 3870 -	Depth interval treated 38.78 3872	
	3919 '	CID, FRACTU	JRE, SHOT,	CEMENT SQ	UEEZE REC		3876- 3870 -	Depth interval treated 38.78 3872	
	3919 '	CID, FRACTI int and kind of i MOD 202 59 HCL	JRE, SHOT, naterial used	CEMENT SQU			3876- 3870 -	Depth interval treated 38.78 3872	
414-81 Acid 2, Acid Sid	3919 '	MOD 202 ST HCL Producing	JRE, SHOT, material used INITIAL PR method (flow Pump Gas	CEMENT SQUE			3876- 3870 -	Depth interval treated 38-78 3872	

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 Konsas, Lawrence, Konsas 66044.

ell No. 1 Lease Nome Copenhaver			DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:			
						6 T26 R12
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.		
	ESCRIPTION, CONTENTS, ETC.	ТОР	BOTTOM	NAME	DEPTH	
see attach	red report					
	,					
B. B.	USE ADDITIONAL SHEETS	, IF NECESSARY, T	O COMPLETE W	ELL RECORD.		
Dote Received					(e	
		*************************************		Signature		
				Title		
				Data		
	[Date		

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McCOY PETROLEUM CORPORATION

One Main Place / Suite 410 Wichita, Kansas 67202

316-265-9697

John Roger McCoy President

Harvey H. McCoy Vice-President

03-25-81

DAILY REPORT

McCoy Petroleum Corporation #1 Copenhaver NE NE NE Section 6-26S-12W Wildcat Pratt County, Kansas A.P.I. # 15-151-20,881

Contractor: Sweetman Drilling, Inc.

Geologist: Robert E. McCann

Elevations: 1899 KB 1896 DF 1889 GL

RTD 4325'. Logging.

03-16-81 Move in Rotary Tools. Rig up. Spud @ 4:30 P.M. Set used 8-5/8"

surface casing @ 358' with 300 sacks common cement, 2% gel, 3%

calcium chloride. P.D. @ 12:15 A.M. 3-17-81.

03-17-81	W.O.C. @ 358'.	SAMPLE	TOPS
03-18-81	Drilling @ 1890'.	Heebner Toronto	3453(-1554) 3473(-1574)
03-19-81	Drilling @ 2814'.	Brown Lime Lansing	3621(-1722) 3647(-1748)
03-20-81	Drilling @ 3600'.	B/KC Mississippian	3950(-2051) 4036(-2137)
03-21-81	Drilling @ 3710'.	Viola Simpson Shale	4125(-2226) 4210(-2311)
03-22-81	Drilling @ 3871'.	Simpson Sand Arbuckle	4219(-2320) 4303(-2404)
03-23-81	Circulating @ 4070'.	RTD	4325(-2426)
03-24-81	Drilling @ 4279'.		

DST #1 3664-3692' (L-KC) 30' Zone
Open 30", S.I. 45", Open 60", S.I. 60"
Strong blow. Gas to surface in 33 minutes.
Recovered 390' of fluid as follows:
90' oil and gas cut mud,
120' heavily oil and gas cut mud,
120' gassy oil,
40' froggy oil,
20' muddy water.
ISIP 883# FSIP 831#
FP 120-124# 150-156#

03-21-81 Drilling @ 3710'.

DST #2 3807-3835' (L-KC) 160' Zone
Open 30", S.I. 45", Open 60", S.I. 60"
Strong blow throughout test.
Recovered 290' fluid as follows:
50' slightly oil and gas cut mud,
150' medium to heavily oil and gas cut mud,
90' gassy froggy oil.
ISIP 779# FSIP 831#
FP 83-83# 104-104#

03-22-81 Drilling @ 3871'.

DST #3 3856-3886' (L-KC) 220' Zone
Open 30", S.I. 45", Open 60", S.I. 60"
Strong blow throughout test.
Recovered 180' gas in pipe,
40' slightly oil and gas cut mud,
120' heavily oil and gas cut mud.
ISIP 156# FSIP 197#
FP 114-72# 104-93#

DST #4 4038-4070' (Mississippian)
Open 30", S.I. 45", Open 90", S.I. 90"
Strong blow throughout test.
Recovered 3026' gas in pipe,
50' gas cut mud with a few oil spots,
60' gas cut and very slightly oil cut mud.
ISIP 416# FSIP 1049#
FP 135-83# 83-83#

Page 3

DST #5 4206-4244' (Simpson)
Open 30", S.I. 45", Open 30", S.I. 45"
Weak blow on 1st open. Dead on 2nd open.
Recovered 30' mud.
ISIP 779# FSIP 779#
FP 72-52# 52-41#

ELECTRIC LOG TOPS

Heebner	3454 (- 1555)
Toronto	3474 (- 1575)
Brown Lime	3620(-1721)
Lansing	3643(-1744)
B/KC	3949(-2050)
Mississippian	4034(-2135)
Viola	4125(-2226)
Simpson Shale	4209(-2310)
Simpson Sand	4218(-2319)
Arbuckle	4304(-2405)
LTD	4325(-2426)

03-26-81 Set 129 joints of new 4-1/2" OD, 10.5#, K-55, API casing at 4323'. Halliburton cement with 225 sacks common cement with 1/4#/sack of Floseal. P.D. @ 4:45 A.M.

04-13-81 Rig up Hayes Well Service. Run Dresser Atlas Gamma Ray CCL Log from PBTD @ 4272' up to 3400'. Swab down to 2300' with casing swab. Perforate the following Lansing-Kansas City zones:

(L-KC 220' Zone) 3876-3878' 3 shots/foot w/Jumbo Jets 3870-3872' 3 shots/foot w/Jumbo Jets

(L-KC 160' Zone) 3814-3824' 2 shots/foot w/Jumbo Jets

(L-KC 30' Zone) 3675-3681' 3 shots/foot w/Jumbo Jets

Swab down to 3900' with casing swab. Show of oil on last 2 pulls. Let set 1/2 hour. Pull swab. Made .80 BF, 30% oil, 70% fresh load water. Rig up to run tubing. Run Halliburton RTTS Packer and Retrievable Bridge Plug on new 2-3/8" EUE tubing. Test L-KC 220' Zone as follows: Set Bridge Plug @ 3895'. Set RTTS Packer @ 3853'. Seating nipple 1 joint above RTTS Packer. Run tubing swab. Tubing dry. Halliburton acidize with 250 gallons 15% HCL. Pressure up in steps to 1000#. Start feeding, increase rate to 1/4 BPM @ 600#, 1/2 BPM @ 900#, 1 BPM @ 950#, 1-1/2 BPM @ 1000#, 1.7 BPM @ 1100#, 2 barrels overflush, finish @ 1.7 BPM @ 1050#. ISIP 900#, 15" pressure drop to 400#. Bleed back and start swabbing after 25'. Total load = 23 barrels. Made 3 pulls with tubing swab. 1st pull from 1/2 way down, 2nd and 3rd pull from seating nipple. Last 1/3 of last pull was all oil. Shut down for night. Total recovered on 3 pulls = 18.23 BF (-5.77 BL).

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04-14-81

Overnight fill up = 1,500' of fluid. 1,300' of oil and 200' of acid water. Swab down. Recovered 5.80 BF. Swab 1.50 BOPH, 10% water/l hr. Rig up Halliburton to acidize with 2,000 gallons MOD-202 acid. Treat @ 3 BPM. Maximum pressure 1300# with 6 barrels in formation. Final pressure 1200#. ISIP 700#. On vacuum in 12 minutes. Total load = 63 barrels.

Swab back 34.28 BF (-28.72 BL) Swab 4.64 BOPH, 15% water, last hour.

Prepare to test L-KC 160' Zone. Casing pressure on annulus = 230#. Blow down. Unload 1.74 bbl. oil out annulus by heads. Release RTTS Packer. Pick up Bridge Plug and reset @ 3852'. Reset RTTS Packer @ 3789'. Perforations from 3814 to 3824' in L-KC 160' Zone are now open to tubing. Run tubing swab. Swab 4.31 BF, 60% acid water on 1st pull and 2.32 BF, 85% acid water on 2nd pull. Take 1 hour test making a pull each 15 minutes. Recovered 4.42 BF, 90% acid water for the hour.

Prepare to test L-KC 30' Zone. Release RTTS Packer. Pick up Bridge Plug and reset @ 3697'. Set RTTS Packer @ 3665'. Made 3 pulls with tubing swab. Recovered 3.48 BF, mostly acid water, on 1st 2 pulls and .14 BF on last pull. Tubing essentially dry on last 2 pulls. Shut down for night.

04-15-81

Overnight fill up = 1,300'. Run swab, recovered 3.48 BF on 1st pull, 36% oil, 64% acid water, 2nd pull recovered 3.48 BF, 97% acid water. 3rd pull - dry. Release packer. Casing went on vacuum. Run tubing swab. 1st pull recovered 2.32 bbl. acid, 2nd pull recovered 1.74 bbl. acid, 3rd pull recovered 1.45 bbl. acid. Lower Packer to blank pipe below upper perforations. Pressure up to 1400# on tubing to check packer. Held pressure.

Lower Bridge Plug and RTTS Packer to retest L-KC 160' Zone. It appears the acid water on the initial test must have come either through a channel or a packer leak. Set Bridge Plug @ 3852'. Set RTTS Packer @ 3789'. Run tubing swab. 1st 3 pulls recovered 8.99 BF, 5% oil. 4th pull recovered 1.01 BF, 5% oil. 5th pull recovered .87 BF, 5% oil. Shut down 30" for lunch. 6th pull recovered 1.45 BF, good oil %. 7th pull (1/2 hr.) recovered 2.32 BF, 75% oil. 1 hour test: (4 pulls) recovered 4.05 BF, 12% oil. Chlorides during last hour checked 110,000 ppm. It appears the acid treatment on the 220' Zone partially channeled to the 160' Zone. The water is probably coming from a porous zone @ 3838-3834', between the 220' oil zone and the 160' oil zone.

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Move Bridge Plug and RTTS Packer back up hole to test 30' Zone. Set Bridge Plug @ 3697'. Set RTTS Packer @ 3650'. Made 2 pulls with tubing swab. Ist pull recovered 3.01 bbl. water and oil, 2nd pull recovered 1.16 bbl., mostly oil with good show of gas. Rig up Halliburton to acidize. Acidize with 500 gallons 15% HCL. Pressure up in steps to 700# maximum pressure, start feeding. Fed 1 BPM @ 650#. Feed 1-1/2 BPM @ 550# dropping to 500#. Final pressure 500#. ISIP 400#. On vacuum in 12 minutes. Total load = 27 barrels. Swab 1 hour. Recovered 18.56 BF, show of oil, on 1st 2 pulls. Recovered 3.48 BF, 80% oil, on 3rd pull. Recovered 3.48 BF, 80% oil, on 4th pull. Good show of gas. Shut in for night.

04-16-81 Fill up 1400' oil overnight. Swab tubing. 1st hour, swab 15.95 BF, 45% oil (7.21 BOPH and 8.74 BWPH). 2nd hour, swab 8.70 BF, 62% oil (5.41 BOPH and 3.29 BWPH). 3rd hour, swab 6.67 BF, 60% oil (3.98 BOPH and 2.69 BWPH).

Last 2 hours swabbing from 30' Zone, average 4.70 BOPH and 2.99 BWPH.

Release RTTS Packer. Latch onto Bridge Plug. Pull tubing, packer and Bridge Plug. Run 2-3/8" EUE tubing as follows: 31.32 long, slotted, orange peeled mud anchor, seating nipple, 122 joints of tubing and (1) 8' sub. Total tally = 3911.94". Swing @ 3919.44". Shut down for night.

SUMMARY: All L-KC perforations are now open to production.

220' Zone: Swab 4.64 BOPH

160' Zone: Communicated with 220' Zone 30' Zone: Swab 4.70 BOPH & 2.99 BWPH

04-17-81 SICP 60# Run new 1-1/2" x 2" x 12' RWAC Pump, 155 new 3/4" sucker rods, (1) 6' pony rod, (1) 2' pony rod and 16' polish rod. Make up well head. Release Pulling Unit. Will set Pumping Unit and Tank Battery next week.

04-20-81 Will set surface equipment when mud dries up.

04-21-81 Wait on mud.

04-22-81 Wait on mud.

04-23-81 Setting Tank Battery.

04-24-81 Setting Tank Battery and Pumping Unit. Pumping Unit is new CDR 114-169-54 with new Arrow C-96 Engine.

Page 6

04-25-81 Equipment set and connected. Start well pumping.

04-26-81 Fill Gun Barrel and start over into stock. Made 121 Bbl. oil and water. Vent gas.

and water . Verre gas.

04-27-81 Pump 70 BOPD and 71 BWPD.

I.P. 70 BOPD

Complete.