

KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGState Geological Survey  
WICHITA BRANCH

1-35-12W And

S. 1 T. 35 R. 12  
150' N & 120' W of  
Loc. C SW NE-SW  
County BarberAPI No. 15 — 007 — 20971  
County NumberOperator  
ROBINSON OIL COMPANYAddress  
737 R. H. Garvey Building, Wichita, KS 67202

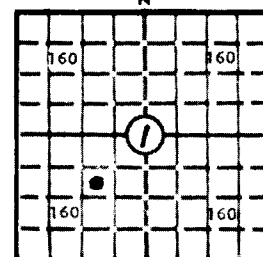
Well No. 2 Lease Name Achenbach B-C (Achenbach 'C' 1)

Footage Location  
1980 feet from (S) line 1980 feet from (W) line

Principal Contractor Sweetman Drilling, Inc. Geologist Raymond Goodin

Spud Date 7/24/80 Date Completed 9/7/80 Total Depth 4830 P.B.T.D. 4830

Directional Deviation 0 Oil and/or Gas Purchaser Oil: Lawson GAS: Panhandle



Locate well correctly

Elev.: Gr. 1415

OF 1422 KB 1425

## 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	15"	10-3/4"	40#	309	Common	300	2% gel; 3% CC
Production	7-7/8"	4 1/2"	10.5#	4815	Common	150	5% salt

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			-	-	4815 to 4830
TUBING RECORD					Open Hole
Size	Setting depth	Packer set at			
2-3/8"	4781	None			

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized w/500 gallons HCL Acid	4815 to 4830
Frac 15,500# 20-40 Mesh Sand in 22,000 gl. 70% Q Foam	
W/2% KCC in Fresh Water. Flush w/76,500 SCF of Nitrogen	

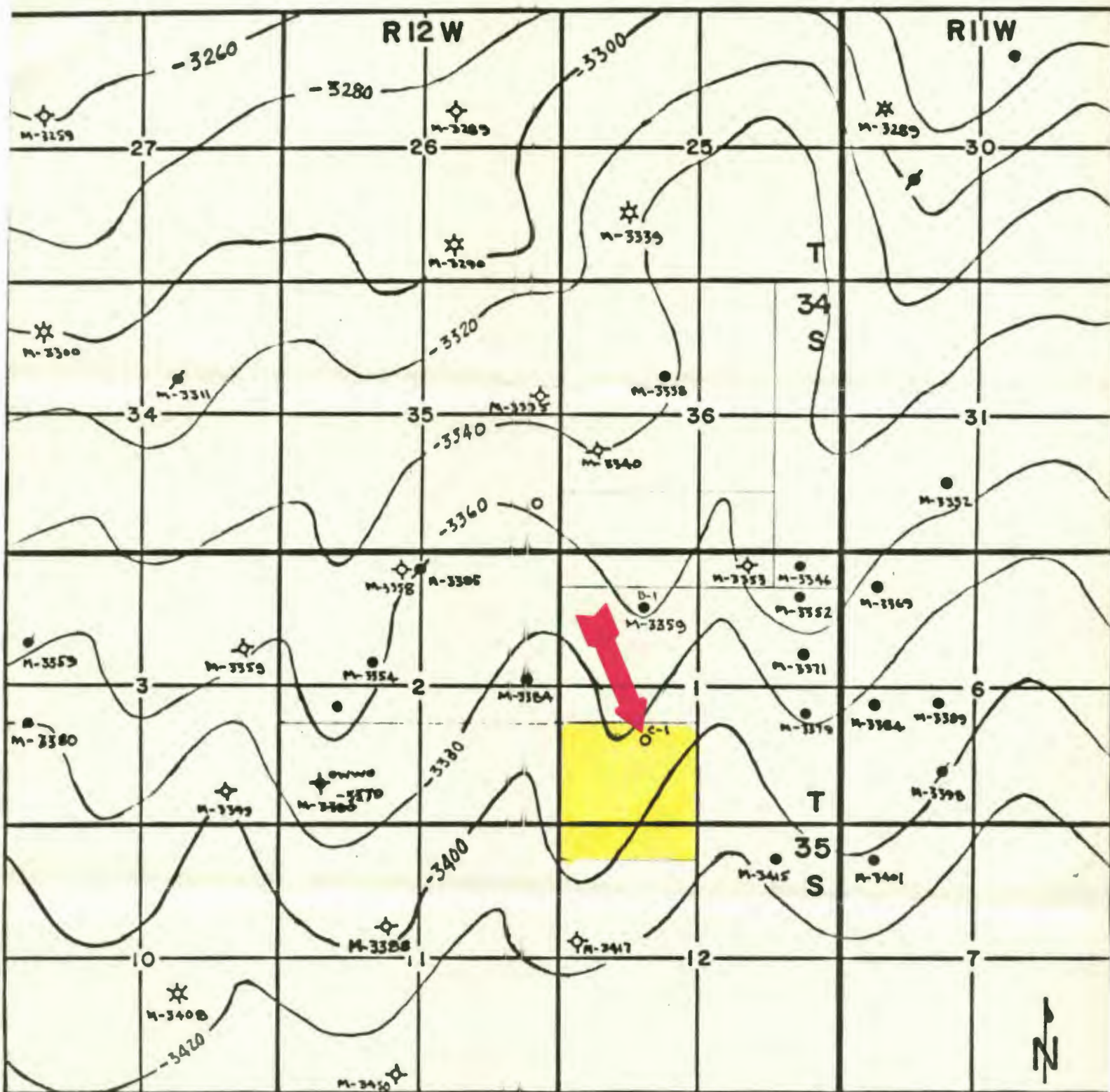
## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
10/27/80		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	17 bbls.	200 MCF	130 bbls.	11,765 CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Sold			4815-4830		

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, 245 No. Water, Wichita, Kansas 67202. 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.

EXHIBIT "A"



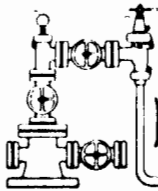


# **HARDTNER EAST PROSPECT** **BARBER COUNTY, KANSAS**

W. G. WRIGHT DONATION MISSISSIPPI STRUCTURE  
 1995 C.I. = 20'

**ROBINSON OIL CO.**  
 WICHITA KANSAS

DMR  
 7-11-80



# ROBINSON OIL COMPANY

R. H. GARVEY BUILDING • 300 WEST DOUGLAS • WICHITA, KANSAS 67202 • (316) 262-6734

July 11, 1980

Re: Authority For Expenditure  
ACHENBACH "C" No. 1  
SW NE SW Section 1-35S-12W  
Barber County, Kansas

Gentlemen:

Attached is an Authority For Expenditure in the total amount of \$173,330 for the drilling, completion, and equipping of the Achenbach C-1 located SW NE SW Section 1-35S-12W, Barber County, Kansas. The Achenbach "C" lease is a 160 acre lease shown in yellow on the attached map.

The Achenbach C-1 is located approximately 1/2 mile south of our Achenbach B-1. The Achenbach B-1 is presently shut in waiting for Panhandle Eastern Pipe Line to connect this lease to their low pressure gas gathering system. On a four day test in May, the Achenbach B-1 produced 26 BOPD and 120 BWPD and vented 183 MCF/D. This production would result in approximately \$30,000.00 per month income after Windfall Profits Tax. The Achenbach C-1 will be drilled to a total depth of approximately 4800' to test the Mississippian formation. Oil and gas could be produced into the Achenbach "B" tank battery because the royalty interests and working interests are the same in the "B" and "C" leases.

The Achenbach "C" lease expires on November 7, 1980, however; we have a 90 day reassignment provision which reduces our effective term to August 7, 1980. Sweetman Drilling, Inc. has scheduled it's rig to move in on July 22, 1980. This will allow us to commence operations before the reassignment date. The Achenbach "C" lease has a 1/16th of 7/8ths overriding royalty interest to the Lessors in addition to the 1/8th royalty interest.

**T. G. WRIGHT DONATION**

1995

Authority For Expenditure  
ACHENBACH "C"-1  
Barber County, Kansas

Page 2

Your working interest in the Achenbach "C" lease and in the Achenbach C-1 well is 15/128. If you approve the drilling of the Achenbach C-1, please sign and return one copy of this letter.

Very truly yours,

ROBINSON OIL COMPANY

Dale M. Robinson

APPROVED and ACCEPTED this \_\_\_\_\_ day of July, 1980.

By: \_\_\_\_\_

DMR:ms

attachments

**F. G. WRIGHT DONATION**

1980

AUTHORITY FOR EXPENDITURE

Robinson Oil Company  
ACHENBACH "C" No. 1  
C SW SE SW Sec. 1-35S-12W  
Barber County, Kansas

ESTIMATED DRILLING COST:

Dirt work	\$ 500
Rotary drilling - 4800' @ \$8.75/ft.	42,000
Rotary daywork - 40 hrs. @ \$175.00/hr.	7,000
Surface casing - 300' 10-3/4" casing @ \$9.27/ft.	2,780
Cement surface casing	2,000
Drilling mud	4,800
Drill stem tests - 2 @ \$550 each	1,100
Geological supervision	1,200
Gas detector rental	600
Electric log	2,500
Backfill pits & damages	2,000
Drilling overhead	750
Drilling water	1,200
Miscellaneous	2,000

Estimated Drilling Cost to Casing Point      \$ 70,430

ESTIMATED COMPLETION COST:

4850' - 4½" OD 10.5# K55 casing @ \$4.75/ft.	\$ 23,040
Cement & cement pump truck	2,700
Casing accessories & floating equipment	1,000
Casing crew & power tongs	760
4850' - 2-3/8" OD EUE J55 tubing @ \$2.85/ft.	13,820
Casing head & fittings	800
Tubing head, valves & fittings	2,400
Completion rig time	4,000
Frac job	12,000
Completion supervision	2,000
Miscellaneous	2,000

J. G. WRIGHT DONATION

1995

Estimated Completion Cost      \$ 63,520

ESTIMATED PUMPING EQUIPMENT & TANK BATTERY COST:

Pumping unit, API 114 size	\$ 20,000
Gas engine	6,000
4800' - 3/4" sucker rods @ \$1.10/ft.	5,280
2" x 1¼" x 12' insert pump	800
Wellhead equipment	800
3000' - 2" flowline to "B" tank battery @ \$1.50/ft.	4,500
Miscellaneous	2,000

Estimated Pumping Equipment Cost      \$ 39,380  
Estimated Total Well Cost      \$173,330