

**IMPORTANT**  
Geo. Survey request  
KANSAS DRILLERS LOG

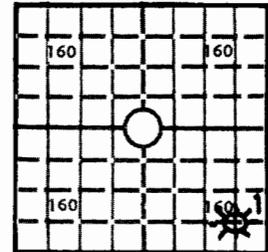
State Geological Survey  
WICHITA, BRANCH

S. 2 T. 34 R. 9 <sup>EX</sup> W

Loc. C SE SE

County Harper

640 Acres  
N



Locate well correctly

Elev.: Gr. 1307'

DF 1314' KB 1317'

API No. 15 — 077 — 20,205  
County Number

Operator

Barbara Oil Company

Address One First National Plaza, Suite 4650  
Chicago, Illinois

Well No.

#1

Lease Name

E. G. Martin

Footage Location

660 feet from (S) line 660 feet from (E) line

Principal Contractor

Sweetman Drlg. Co.

Geologist

Gerald W. Pike

Spud Date

8-19-73

Total Depth

4550'

P.B.T.D.

—

Date Completed

9-19-73

Oil Purchaser

Peoples Nat. Gas

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#	268'	Portland	225	2% bel, 3% cc
Production	7 7/8"	4 1/2"	10.5#	4537'	Portland	175	15% salt

LINER RECORD

Top, ft. None Bottom, ft. Sacks cement

PERFORATION RECORD

Shots per ft. Size & type Depth interval

TUBING RECORD

Size 2 3/8" O.D. Setting depth 4537' Packer set at None Open Hole 4537' - 4549'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used

Depth interval treated

1000 Super X 28% + 500 HCL 5%

4537' - 4549'

INITIAL PRODUCTION

Date of first production

1-5-74

Producing method (flowing, pumping, gas lift, etc.)

Flowing

RATE OF PRODUCTION PER 24 HOURS

Oil

—

Gas

bbls.

Water

MCF

Gas-oil ratio

bbls.

CFPB

Disposition of gas (vented, used on lease or sold)

Sold

Producing interval(s)

4537' - 4549'

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 *Barbara Oil Company*

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

*Gas Well*

Well No. *1*

Lease Name

*E. G. Martin*

S *2* T *34* R *9* W

*Harper County, Kansas*

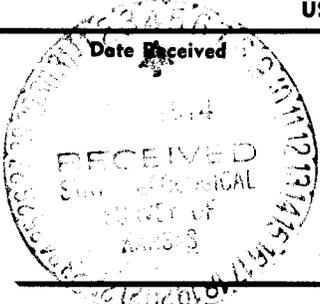
WELL LOG

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>Drill stem Test #1 (Miss.)</i>	<i>4535'</i>	<i>4550'</i>	<i>Heeb.</i>	<i>3410'</i>
<i>30" 45" 90" 60"</i>			<i>Jaton</i>	<i>3690'</i>
<i>675 1/2" Stab. @ 1,890,000 CFPD</i>			<i>Stat.</i>	<i>3760'</i>
<i>after 60" final flow.</i>			<i>KC</i>	<i>4012'</i>
<i>Rec. 1' Condensate</i>			<i>Stark Sh.</i>	<i>4160'</i>
<i>151P 1862# FS1P 1862#</i>			<i>Chero</i>	<i>4410'</i>
<i>FPs 215# - 290#</i>			<i>Miss.</i>	<i>4532'</i>
			<i>LTD</i>	<i>4549'</i>
			<i>DTD</i>	<i>4550'</i>
 <i>4 Pt. Back Pressure Test</i> <i>taken on 12-18-73</i> <i>Indicated Wellhead Open Flow = 33,700,000 CF6PD,</i> <i>Slope "n" = .821.</i> <i>Test approved by State Corporation Commission</i>				

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



*R. Douglas Myers*  
 \_\_\_\_\_  
 Signature  
*Myers Engr. & Oil Mgmt. (Consultant)*  
 \_\_\_\_\_  
 Title  
*1-11-74*  
 \_\_\_\_\_  
 Date

WELL LOG

D.G. Martin # 1

2-34-9W  
Harper County, Kansas

2-34-9W

API # 15-077-20,205

Name of Operator: Barbara Oil Company  
One First National Plaza  
Suite 4650  
Chicago, Illinois 60600

Date Completed: August 28, 1973

<u>FROM</u>	<u>TO</u>	
0	278	Red bed
278	755	Red bed and shale
755	1317	Shale
1317	3766	Lime and shale
3766	3840	Sand
3840	4030	Lime and shale
4030	4550	Lime
4550		Total Depth



STATE OF KANSAS

COUNTY OF BARTON ss

Gary L. Hawk, Secretary of Sweetman Drilling, Inc., being first duly sworn on oath says: That I have knowledge of the facts, statements and matters herein contained and the log of the above described well as filed and that the same are true and correct.

Gary L. Hawk  
Gary L. Hawk

Subscribed and sworn before me this 4th. day of September, 1973.

Mary Ann Schwardorn  
Notary Public Barton County

My Commission Expires 7-10-77