

State Geological Survey
WICHITA, BRANCH

KANSAS DRILLERS LOG

API No. 15 — 077 — 20367
County Number

Operator
Okmar Oil Company

Address
970 Fourth Financial Center, Wichita, Kansas 67202

Well No. 1 Lease Name Miller-Bottorff

Footage Location
330 feet from ~~XXX~~ (S) line 330 feet from (E) ~~XX~~ line NW/4

Principal Contractor Sweetman Drilling Co., Inc. Geologist Don Beauchamp

Spud Date June 26, 1976 Total Depth 2070 P.B.T.D.

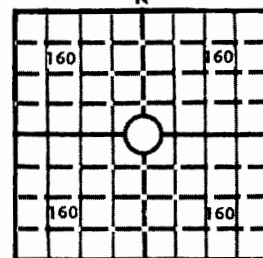
Date Completed June 29, 1976 Oil Purchaser N/A

S. 31 T. 31S R. 7 E W

Loc. SE SE NW

County Harper

640 Acres
N



Elev.: Gr. 1484

DF 1492 KB 1494

CASING RECORD

Report of oil 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	21 1/4"	8-5/8	20#	235	Common	175	3% CC 2% Gel
Production	7-7/8"	4 1/2"	10.5#	2058	Common	100	18% Salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
Open hole		2058 - 70

TUBING RECORD

Size	Setting depth	Packer set at
2"	2058	-----

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
None	

INITIAL PRODUCTION

Date of first production Shut in Producing method (flowing, pumping, gas lift, etc.)
Waiting on connection

RATE OF PRODUCTION PER 24 HOURS Oil 0 bbls. Gas 330 MCF Water 0 bbls. Gas-oil ratio ----- CFPB

Disposition of gas (vented, used on lease or sold) Shut in Producing interval(s) 2058 - 70

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 Okmar Oil Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas
Well No. 1	Lease Name Miller-Bottorff	
S____T____R____E____ W		

WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
1) 30/60/60/60 Gas to surface in 8 min Gauged 1,274 MCF in 30 min - 1st opening; 1,466 MCF & stable - 2nd opening. Rec. 180' GCM 896/880 106/196 205/221	2044	2070	B. Wellington	1452
			Cottonwood	2010
			Neva	2030
			RTD	2070
			No Log	

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

Date Received	 Signature Jim Thatcher - Engineer Title September 10, 1976 Date
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31-31-JE

15-077-20367

31-31-7W

State Geological Survey
WELL LOG
Miller-Bottorff #1
SE SE NW 31-31S-7W
Harper County, Kansas

Name Of Operator: Okmar Oil Co.
970 Fourth Financial Center
Wichita, Kansas 67202

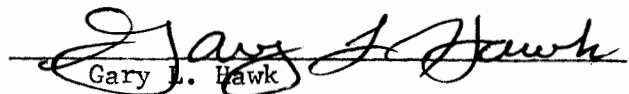
Date Completed: June 30, 1976

<u>FROM</u>	<u>TO</u>	
0	15	Sand
15	1204	Red bed and shale
1204	2070	Lime and shale
2070		Total Depth

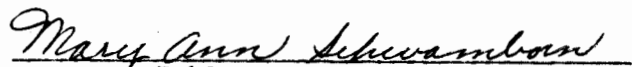
STATE OF KANSAS

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

Subscribed and sworn before me this 30th day of June, 1976.


Notary Public Barton County

My Commission Expires 7-10-77

15-077-20367