

## KANSAS

WELL COMPLETION REPORT AND  
DRILLER'S LOGAPI No. 15 — 025 — 20,342  
County Number

Operator

Graham-Michaelis Corporation

Address

P. O. Box 247, Wichita, Kansas 67201

Well No.

2

Lease Name

Theis "B"

Footage Location

660 feet from (N) (S) line 1320 feet from (E) (W) line SW/4

Principal Contractor

DaMac Drilling, Inc.

Geologist

Vern Howell

Spud Date

June 18, 1981

Date Completed

July 25, 1981

Total Depth

5890'

P.B.T.D.

Directional Deviation

Oil and/or Gas Purchaser

Northern Natural Gas Co.

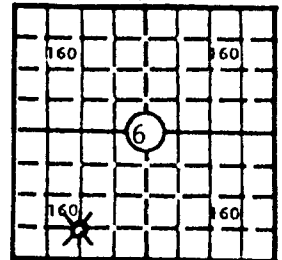
S. 6 T. 34S R. 25W E W

Loc. C S/2 SW/4

County Clark

640 Acres

N

Locate well correctly  
2230

Elev.: Gr.

DF. 2237 KB. 2239

## 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
To protect fresh water	12 $\frac{1}{4}$ "	8-5/8"	23#	563'	light, common	200 light 155 common	
Production		4-1/2"		5889'	common	150	3/4% of 1% CFR 10% salt

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
TUBING RECORD			2 shots/foot		5720 - 5730
Size	Setting depth	Packer set at			5747 - 5754
2-3/8"	5748'				5758 - 5760
					5762 - 5772

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
32,500 gallons acid, 30,000# sand	above perforations

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
July 25, 1981 (test)		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	bbls.	1110	MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Sold			Above perforations		

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.

Operator  
Graham-Michaelis Corporation

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

Well No.  
2

Lease Name  
Theis "B"

S 6 T 34S R 25 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
Surface Sand	0	513	Heebner	4418 (-217
Red Bed	513	1419	Lansing	4604 (-236
Shale	1419	2915	Marmaton	5286 (-304
Lime, Shale	2915	5890	Cherokee	5416 (-317
Rotary Total Depth	5890		Morrow	5683 (-344
			Chester	5711 (-347
DST #1 - 5704 - 5850, 30-60-30-90, Recovered 300' drilling mud. IFP 323-762 FFP 879-1053 ISIP 1169 FSIP 1154 (Plugging action indicated during DST.)				

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

Date Received

Signature  
Jack L. Yinger, Vice President

Title

October 19, 1981

Date

# WELL LOG

COMPANY Graham-Michaelis Corporation

SEC. 6 T. 34S R. 25W

FARM Theis NO. "B" 2

LOC. W/2

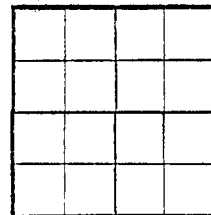
TOTAL DEPTH 5890 RTD

COUNTY Clark

COMM. 6-18-81 COMP. 7-4-81

CONTRACTOR DaMac Drilling Inc.

CASING 8 5/8 set @ 563'



ELEVATION

PRODUCTION 4½ set @ 5889

FIGURES INDICATE BOTTOM OF FORMATIONS

Surface Sand	0	513
RedBed	513	1419
Shale	1419	2915
Lime, Shale	2915	5890 RTD