

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 053 — 20,610
County Number

Operator

Davies & Co., Inc.

Address

4501 East 31st Street, Suite 101 Tulsa, Okla 74135

Well No.

#1-16

Lease Name

Frank G. Hlaus

Footage Location

330 feet from (N) (S) line 495 feet from (E) (W) line of NE/4

Principal Contractor

B & B Drilling

Geologist

Jerry Green

Spud Date

8/19/80

Date Completed

12/8/80

Total Depth

2310'

P.B.T.D.

2242'

Directional Deviation

Oil and/or Gas Purchaser

Natural Gas Pipeline Company

CASING RECORD of America

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"	20#	409'	Common	180	3% c.c., 2% gel
Casing	9.5# 8rd.	R-3		2309'	Common	150	10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	Jets	2161'-2164'
			4	Jets	2138'-2143'
Size	Setting depth	Packer set at			
2-3/8" OD EUE 8rd.	2150'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Stimulate - 1000 gal. 15% Acid followed w/10,000# 20/40 sd.	1st & 2nd Tarkio Sands
+ 55,000# 10/20 Sand fracture using 1260 bbls. jelled KCL water.	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)		
Waiting for pipeline.				
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	bbls.	259 MCF	bbls.	CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s)	
			TARKIO SANDS	

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.

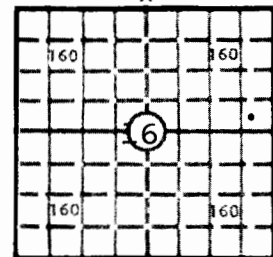
State Geological Survey

WICHITA, KANSAS

S. 16 T. 14 R. 10 E. W

Loc. C W2 SE SE NE


County Ellsworth

640 Acres
N

Locate well correctly

Elev.: Gr. 1746.3'

DF 1752' KB 1754'

Operator DAVIES & COMPANY, INC.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:	
Well No. #1-16	Lease Name Frank G. Hlaus	Gas	
S <u>16</u> T <u>14</u> R <u>10</u> ^K _W C W/2 SE/4 SE/4 NE/4			
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
			Elevations: 1746.3 Ground 1754 K.B.
Shale	-0-	410	
Shale & Redbed	410	548	
Anhydrite	548	572	
Shale & Shells	572	2310	
RTD	2310		
			FORMATION TOPS
			Grandhaven 2126
			Tarkio Limestone 2206
			Elmont 2271
DRILL STEM TEST	INTERVAL		
#1 1st & 2nd Tarkio	2133-2222		
#2 3rd Tarkio	2213-2280		
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  David C. Davies Signature President Title January 27, 1981 Date </div>		

16-14-10W
State Geologist S.M. J.
WICHITA BRANCH

DRILLERS LOG

August 27, 1980

#1-16 Frank G. Hlaus
C W/2 SE/4 SE/4 NE/4
Sec. 16-14S-10W
Ellsworth County, Kansas

OPERATOR: Davies & Company, Inc.
CONTRACTOR: B & B Drilling, Inc.
COMMENCED: August 19, 1980
COMPLETED: August 24, 1980

8-5/8" @ 409' w/180 sx

0	410	Shale
410	548	Shale & Redbed
548	572	Anhydrite
572	2310	Shale & Shells
2310		RTD 4-1/2" @ 2309' w/150 sx

RECEIVED
STATE CORPORATION COMMISSION
SEP - 2 1980
CONSERVATION DIVISION
Wichita, Kansas

We certify that the above and foregoing is a true and correct copy of the log on the #1-16 Frank G. Hlaus located in Ellsworth County, Kansas.

B & B DRILLING, INC.

Bill Lahar

Bill Lahar

President

Subscribed and sworn to before me this 27th day of August, 1980.



Betty M. Abbott

Betty M. Abbott

Notary Public