29-4-39W

KANSAS DRILLERS LOG

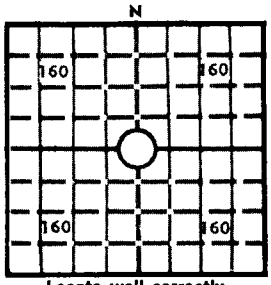
API No. 15 — ____ — ____
County Number

S. 29 T. 4S R. 39W E W

Loc. C SW SE

County Cheyenne Co., KS

640 Acres



Locate well correctly

Elev.: Gr. 3522'

DF ____ KB ____

Operator: Murfin Drilling Company

Address: 617 Union Center, Wichita, KS 67202

Well No.: 1 Lease Name: Leach

Footage Location: ____ feet from (N) (S) line ____ feet from (E) (W) line

Principal Contractor: Murfin Drilling Co. Geologist: ____

Spud Date: 11/16/76 Total Depth: 4700' P.B.T.D.: ____

Date Completed: 11/24/76 Oil Purchaser: none

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
Surf. Csg.	12¼"	8 5/8"	24#	354'	60/40 Poz.	250	3% CaCl
Prod. Csg.	7 7/8"	4 1/2"	10.5#	1406	Class A Latex 50/50 Poz.	50 75	10% salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	EUE	

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	DP	1305-10'
		1296-1301'
	1287-92'	1279-84'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Frac w/180 bbls. KCL water, 225 sx sand, 200,000 SCF N_2	
in 80% Quality Foam.	Above perfs.

INITIAL PRODUCTION

Date of first production: 4/15/77

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

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	____ bbls.	147 MCF	____ bbls.	– ___ CFPB

Disposition of gas (vented, used on lease or sold): VENTED DURING TEST - SHUT IN GAS WELL

Producing interval(s): 1305-1284'

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.

C-10-1972

Operator	DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Murfin Drilling Company	GAS WELL

Well No.	Lease Name
1	Leach

S 29 T 4S R 39 E/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
Sub soil and sand w/calechi		290'		
Shale		350		
Gyp and Shale		370		
Shale		1100		
Shale and gyp		1650		
Shale and lime sand		2340		
Shale w/ lime and sand		2760		
Shale and sand		2925		
Sand, shale and lime		3068		
Sand w/lime and shale		3165		
Lime and shale		4340		
Lime and shale w/sand		4470		
Lime		4545		
Lime and shale		4655		
Lime - RTD		4700		

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

Date Received

Larry M. Jack
Signature

Larry M. Jack, Production Manager
Title

October 6, 1978
Date