

WICHITA BRANCH
KANSAS DRILLERS LOG

IMPORTANT
Kans. Geo. Survey request
samples on this well.

S. 34 T. 32 R. 11 ^E/_W
Loc. C NW SW
County Barber

API No. 15 — 007 — 20,590
County Number

Operator
Mid-Continent Energy Corp.

Address
712 One Twenty Bldg Wichita, Kansas 67202

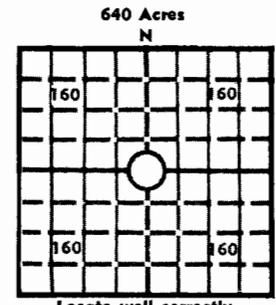
Well No. # 1 Lease Name Williams

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

Principal Contractor Union Drilling Geologist Gary Holstin

Spud Date 7-3-1978 Total Depth 4535 P.B.T.D.

Date Completed 7-12-1978 Oil Purchaser



Elev.: Gr. 1513
DF KB 1516

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

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

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

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.

erator

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

Well No.	Lease Name
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S _____ T _____ R _____ E _____
W _____

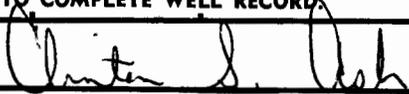
WELL LOG

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
See attached Well Log See Attached Formation Tops				

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD

Date Received	
	Signature
	Vice-President
	Title
	July 20, 1978
	Date

34-32-11W

mid-continent energy corporation

DRILLING REPORT

WILLIAMS #1
C NW SW
Section 34-32S-11W
Barber County, Kansas

ELEVATIONS:

1513 Gr.
1516 KB (Corrected-re-shot)

FORMATION TOPS:

Herrington	1776-	260
Krider	1799-	281
Winfield	1840-	323
Towanda	1914-	401
Ft. Riley	1967-	449
Florence	2005-	493
Wreford	2127-	594
Bader	2254-	736
Cottonwood	2358-	837
Red Eagle	2451-	933
Foraker	2480-	963
Onaga	2604-	1086
Wabunsee	2656-	1140
Stotler (Corr)	2755-	1239
Tarkio	2819-	1302
Howard	2955-	1439
Topeka	3056-	1540
Elgin	3483-	1965
Douglas	3628-	2110
Iatan	3813-	2295
Lansing	3823-	2305
Stark	4250-	2734
Swope	4256-	2740
Hertha	4285-	2769
Base KC	4295-	2779
r. Lenapah	4337-	2821
; Altamont	4356-	2840
Pawnee	4377-	2861
Ft. Scott	4392-	2876
Cherkokee	4401-	2885

34-32-11W

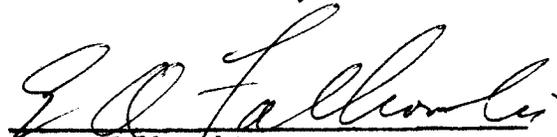
CONTRACTOR'S WELL LOG

OWNER:	Mid-Continent Energy Corporation
CONTRACTOR:	Union Drilling Co., Inc.
WELL NAME:	#1 Williams
LOCATION:	C NW SW Section 34-32S-11W Barber County, Kansas
COMMENCED:	July 3, 1978
COMPLETED:	July 13, 1978

0	211	Red bed	Set 8-5/8" at 250' with 200 sx.
211	1068	Shale	
1068	1650	Shale and shells	
1650	2012	Shale	
2012	2446	Lime and shale	
2446	2724	Shale and lime	
2724	2928	Lime and shale	
2928	3687	Shale and lime	
3687	4239	Lime and shale	
4239	4387	Lime	
4387	4497	Lime and shale	
4497	4535	Lime and chert	
	4535	T. D.	

We certify that that the above and foregoing is a true and correct copy of the log on the #1 Williams, C NW SW Section 34-32S-11W, Barber County, Kansas.

UNION DRILLING CO., INC.


 E. A. Falkowski

STATE OF KANSAS)
 (SS
 COUNTY OF SEDGWICK)

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 18th day of July, 1978.

My appointment expires:

6-2-82


 Cynthia L. Romey - Notary Public