

33-18-13W

## TOMLINSON, KATHOL &amp; EMMERICH

CONSULTING GEOLOGISTS

216 EAST WATERMAN

PHONE AMHERST 7-3062

WICHITA, KANSAS

November 12, 1953

Property of  
Kansas  
540 Petroleum Bldg  
Wichita, Kansas

Murfin Drilling Company  
507 Union National Bank Bldg.  
Wichita, Kansas

Subject: Murfin & Small # B-1 Curry  
NE NE SW, Sec. 33-18S-13W  
Barton County, Kansas

Dear Sir:

The following is a sample analysis report of the above captioned well.

The well was under geological supervision from 3130 feet to 3485 feet, rotary total depth. Samples were examined from 2900 feet to 3485 feet, rotary total depth.

All tops and zones of porosity are based on kelly bushing measurements.

The following formation tops were determined from sample examination:

## Elevation 1915 KB

Top Heebner	3093	-1178
Top Brown Lime	3180	-1265
Top Lansing	3193	-1278
Top Conglomerate	3441	-1526
Top Arbuckle	3458	-1543
Rotary Total Depth	3485	-1570

Structural Note:

Structurally, the captioned well was eleven (11) feet lower on the Lansing and forty (40) feet lower on the Arbuckle than the Murfin & Small # 1 Byers, 660 feet north of this location. This low structural position resulted in no shows and no chance for commercial production from any horizon.

There were no shows of oil in the Topeka, Lansing, Conglomerate or Arbuckle. The test was abandoned as a dry hole after -1570 was reached with no shows.

Sincerely,

TOMLINSON-KATHOL & EMMERICH

By: William J. Stark  
William J. Stark

FACTS PERTINENT TO THE DRILLING  
OF THE

MURFIN & SMALL # B-1 CURRY  
NE NE SW, SEC. 33-18S-13W  
BARTON COUNTY, KANSAS

Contractor - Murfin Drilling Company

Drillers: Bridge  
Swords  
Kellar

Drilling Supt - Orval Bridge

Spud Date 10/30/53  
215' 8-5/8" Surf. Csg.

Date of RTD 11/6/53  
No oil string run.

TOTAL FOOTAGE DRILLED PER DAY  
Under Surf. 4:15 PM 10/31/53

890	feet	deep	@	7:30 A.M.	11/1/53
1920	"	"	"	"	11/2/53
2425	"	"	"	"	11/3/53
2835	"	"	"	"	11/4/53
3080	"	"	"	"	11/5/53
3315	"	"	"	"	11/6/53

TYPE & NUMBER OF ROTARY BITS, FOOTAGE PER BIT

Bit	#	1	Hughes	OSC - RT	215 - 890
	#	2	Reed	LT-3	890 - 1720
	#	3	Reed	2H	1720 - 2040
	#	4	Hughes	OSC	2040 - 2750
	#	5	Hughes	OSQ	2750 - 3080
	#	6	Hughes	OSQ	3080 - 3319
	#	7	Hughes	OSQ	3319 - 3485