

KANSAS GEOLOGICAL SOCIETY
 KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
 KANSAS GEOLOGICAL SOCIETY BUILDING
 508 EAST MURDOCK - WICHITA, KANSAS

17-16-17W

COMPANY FRONTIER OIL

SEC. 17 T. 16 R. 17W
 LOC. W/2 SE NW

FARM Hartman "A" NO. 2

TOTAL DEPTH 3580

COUNTY Rush

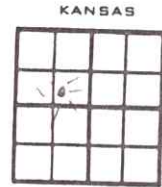
COMM. 4-6-67

COMP. 4-16-67

SHOT OR TREATED

CONTRACTOR Red Tiger Drlg.

ISSUED 6-24-67



CASING

20	10	
15	8 5/8" @ 210'	w/140 SX
12	6	
13	5 1/2" @ 3239.20'	w/200 SX

ELEVATION 2000' KB

PRODUCTION GAU 1428 MCFGPD
 TOP 3004-12

FIGURES INDICATE BOTTOM OF FORMATIONS

FORMATION	FROM	TO	REMARKS
Sod Shale	0	30	
Postrock Shale	30	220	
Shale	220	540	
Sand	540	770	
Red Bed & Shale	770	1000	
Red Bed	1000	1120	
Anhydrite	1120	1163	
Shale & Shells	1163	1845	
Shale & Lime	1845	3125	
Lime	3125	3180	
Lime & Shale	3180	3220	
Lime	3220	3580	

I certify that this is a true and correct copy of the above log to the best of my knowledge.

FRONTIER OIL COMPANY

Elevation	1997 DF	--	2000 RB
Anhydrite	1120		(+880)
Topeka	2998		(-998)
Heebner	3233		(-1233)
Lansing	3282		(-1282)
Conglomerate	3512		(-1512)
Re-worked Arbuckle	3556		(-1556)
Arbuckle	3560		(-1560)
Rotary Total Depth	3580		(-1580)
4 1/2" Pipe At	3239		(-1239)