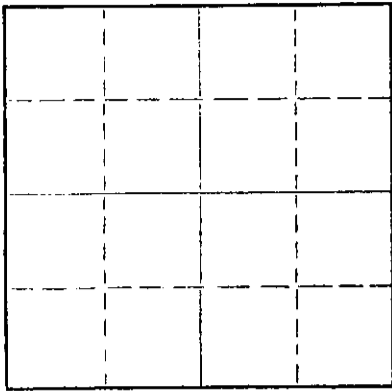


WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
212 No. Market  
Wichita, Kansas

NORTH



Locate well correctly on above  
Section Plat

Rush County. Sec. 7 Twp. 16S Rge. 17W (E) (W)  
Location as "NE/CNW%SW%" or footage from lines C E/2 SE  
Lease Owner Frontier Oil Company  
Lease Name Hartman Well No. 3  
Office Address 1720 Wichita Plaza, Wichita, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Gas  
Date well completed April 16 1967  
Application for plugging filed December 20 1967  
Application for plugging approved December 21 1967  
Plugging commenced January 13 1968  
Plugging completed January 13 1968  
Reason for abandonment of well or producing formation Non Commerical

If a producing well is abandoned, date of last production August 1967  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Leo Massey  
Producing formation Topeka Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3540 Feet  
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8	1117	-0-
				4 1/2	3537	-0-

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from \_\_\_\_\_ feet to \_\_\_\_\_ feet for each plug set.

30 sx gel mud, 4 sx hulls,  
125 sx cement @ 700# pressure

RECEIVED  
STATE CORPORATION COMMISSION

JAN 18 1968

CONSERVATION DIVISION  
Wichita, Kansas

01-18-1968

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Allied Cementing Company  
Address Russell, Kansas

STATE OF KANSAS, COUNTY OF SEDGWICK, ss.  
Maxine V. Starr (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Maxine V. Starr  
1720 Wichita Plaza, Wichita, Kansas  
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of January, 1968

My commission expires 3-22-71

Betty M. Maloney  
Notary Public.

VS-165-20019-00-00

DRILLERS LOG

Hartman No. 3

<b>CASING RECORD:</b>	<b>COMPANY:</b>	Frontier Oil Company	<b>DESCRIPTION:</b>
8 5/8" @ 1117.33'	<b>CONTRACTOR:</b>	Red Tiger Drilling Co.	C E 1/2 SE
w/425 sx cement	<b>COMMENCED:</b>	April 7, 1967	7-16S-17W
4 1/2" @ 3537'	<b>COMPLETED:</b>	April 16, 1967	Rush Co., Ks.
w/175 sx cement			<b>ELEVATION:</b> 1982 DF
			1985 RB
<b>TOTAL DEPTH:</b>			
3540'			

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Post Rock	0	60	
Shale	60	500	
Sand	500	750	
Shale	750	1106	
Anhydrite	1106	1142	
Shale	1142	1775	
Shale & Lime	1775	1880	
Lime	1880	2345	
Lime & Shale	2345	2890	
Lime	2890	3540	

RECEIVED  
 DEC 12 1967  
 12-21-1967  
 COMPLETION DIVISION  
 WICHITA, KANSAS

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

FRONTIER OIL COMPANY

Maxine V. Starr  
 Maxine V. Starr

Subscribed and sworn to before me this 26th day of April, 1967.

Betty M. Maloney  
 Notary Public

My Commission Expires:  
3-22-71

15-165-20019-00-00

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

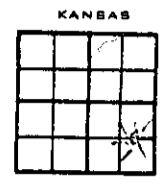


COMPANY FRONTIER OIL  
FARM Hartman NO. 3

SEC. 7 T. 16 R. 17W  
LOC. C E/2 SE

TOTAL DEPTH 3540  
COMM. 4-7-67 COMP. 4-18-67  
SHOT OR TREATED  
CONTRACTOR Red Tiger Drlg.  
ISSUED 6-24-67

COUNTY Rush



CASING  
20 10  
15 8 5/8" @ 1117.33' w/425 SX  
12 6  
13 5 4 1/2" @ 3537' w/175 SX

ELEVATION 1985' KB

PRODUCTION 20" of  
482 MCFGPD/TOP-CONG  
3157-3545

FIGURES INDICATE BOTTOM OF FORMATIONS

FORMATION	FROM	TO	REMARKS
Post Rock	0	60	
Shale	60	500	
Sand	500	750	
Shale	750	1106	
Anhydrite	1106	1142	
Shale	1142	1775	
Shale & Lime	1775	1880	
Lime	1880	2345	
Lime & Shale	2345	2890	
Lime	2890	3540	

JAN 3 1968  
01-03-1968

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

FRONTIER OIL COMPANY

*Maxine V. Starr*  
Maxine V. Starr

Elevation	1982 DF	--	1985 RB
Anhydrite	1106		( +879)
Topeka	2985		(-1000)
Heebner	3216		(-1231)
Lansing-Kansas City	3267		(-1282)
Cherty Conglomerate	3520		(-1535)
Sand	3535		(-1550)
Rotary Total Depth	3540		(-1555)
4 1/2" Pipe At	3537		(-1552)