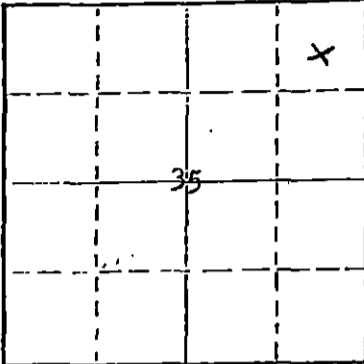


STATE OF KANSAS  
 STATE CORPORATION COMMISSION  
 CONSERVATION DIVISION  
 P. O. BOX 17077  
 WICHITA, KANSAS 67217

WELL PLUGGING RECORD

T - 27S NORTH R - 20W



Locate well correctly on above Section Plot

Kiowa County, Sec. 35 Twp. 27S Rge. 20 (E) W (W)  
 Location as "NE/CNW/SW" or footage from lines C NE NE  
 Lease Owner Frank J. Black  
 Lease Name Zimmerman 'D' Well No. 2  
 Office Address 600 W. Washington ; McPherson, Kans.  
 Character of Well (completed as Oil, Gas or Dry Hole) Oil  
 Date well completed October 8 19 64  
 Application for plugging filed August 26 September 19 74  
 Application for plugging approved August 27 September 19 74  
 Plugging commenced September 24 19 74  
 Plugging completed November 12 19 74  
 Reason for abandonment of well or producing formation Not economical

If a producing well is abandoned, date of last production 19  
 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 Russell Biberstein  
 Producing formation Miss. Depth to top Bottom Total Depth of Well 4974 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"	355	None
				5 1/2"	4969	3016
RECEIVED						
STATE CORPORATION COMMISSION						
NOV 18 1974						

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

September 24, 1974 Plugged off bottom. Dumped sand to 4600'. Mixed and dumped 5 sx of cement.

November 12, 1974 Plugged off top. Allied Cementing Co. mixed and pumped down 8 5/8" surface casing, 2 sx of hulls, 10 sx of gel and 100 sx of cement.

(If additional description is necessary, use BACK of this sheet)  
 Name of Plugging Contractor RUSS CASING PULLING, INC. License #623  
 Address P. O. Box 1082 ; Great Bend, Kansas 67530

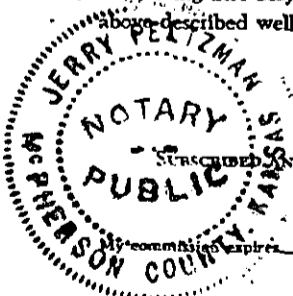
STATE OF Kansas COUNTY OF McPherson  
 Frank J. Black (as owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) *Frank J. Black*  
 Box 150, McPherson, Kansas 67460  
 (Address)

Sworn to before me this 18th day of November, 1974

July 16, 1975

*Jerry Peltzman*  
 Jerry Peltzman Notary Public



WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

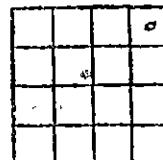
COPY

Company- PERRY B. WARD, ET AL  
Farm- Zimmerman "D" No. 2

SEC. 35 T. 27 R. 20W  
C NE NE

Total Depth. 4974'  
Comm. 9-24-64 Comp. 10-8-64  
Shot or Treated.  
Contractor. Hellar Drilg. Co., Inc.  
Issued. 6-12-65

County Kiowa  
KANSAS



Elevation. 2287' KB.

8 5/8" 355' w/225 sx cem  
5 1/2" 4969' w/100 sx cem.

Production. Pmp 59 BOPD

Figures indicate Bottom of Formations.

red bed w/shell stks, shale	355
sand, shells	696
Anhydrite	708
red bed, shells	1110
red bed	1262
Anhydrite	1304
red bed, shale	1690
shale, salt section	2260
salt section	2497
lime, shale	2645
Ft. Riley	2858
lime, shale	3452
Wabaunsee	3573
lime, shale	4288
Kansas City lime	4389
Kansas City	4469
Kansas City lime	4612
Kansas City	4651
lime, shale	4857
Mississippian	4970
Rotary Total Depth	
Mississippi ?	4974
Total Depth	

TOPS: SCOUT	
Heebner	4079
Brown lime	4242
Lansing	4252
B/Kansas City	4650
Marmaton	4692
Cherokee	4785
Mississippi Warsaw	4855
Mississippi Osage	4942

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STATE CORPORATION COMMISSION  
AUG 27 1964  
CONSERVATION DIVISION  
Wichita, Kansas