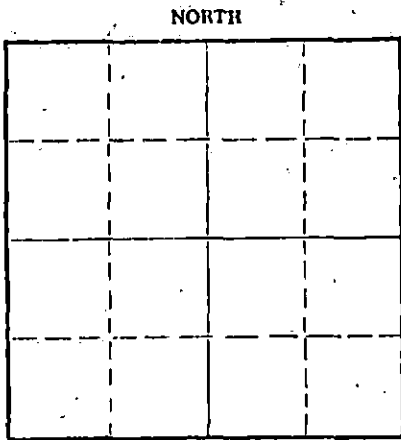


STATE OF KANSAS
STATE CORPORATION COMMISSION
 Give All Information Completely
 Make Required Affidavit
 Mail or Deliver Report to:
 Conservation Division
 State Corporation Commission
 212 No. Market
 Wichita, Kansas

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Barton County, Sec. 31 Twp. 20 Rge. 12 (E) (W)
 Location as "NE/CNWSW" or footage from lines NE NE NE
 Lease Owner Chas. Hulme Drilling Contractor
 Lease Name Tammen Well No. 4
 Office Address P. O. Box 836 Great Bend, Kansas
 Character of Well (completed as Oil, Gas or Dry Hole) _____
 Date well completed _____ 19____
 Application for plugging filed 3-7-67 19____
 Application for plugging approved 3-8-67 19____
 Plugging commenced 3-14-67 19____
 Plugging completed 3-23-67 19____
 Reason for abandonment of well or producing formation _____

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 Donald Truan
 Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3490 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	271	None
				5 1/2	2571	2571

RECEIVED
 STATE CORPORATION COMMISSION
 MAR 30 1967
 CONSERVATION DIVISION
 WICHITA, KANSAS

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.

Moved in. Rigged up unit. Dug out cellar. Sanded back bottom 3460'. Mixed and dumped 5 sacks of cement on bridge. Rigged up jacks.
 Working pipe - had 13" tension at 20 joints. Ran line to bottom. Shot pipe at 2932'. Working pipe. Shot pipe at 2803'. Working pipe.
 Spotted 76 bbl of oil with Smith Acid Service. Pumped plug with 70 bbl. Pumped down with 2400# pressure.
 Working pipe. Bled off pressure. Plug came up to 2430'. Pushed plug to bottom. Shot pipe at 2590'.
 Working pipe. Pulling pipe.
 Pulling pipe. Set rock bridge at 265'. Mixed and dumped 10 sacks of cement on bridge. Let set overnight.
 Bailed hole down. Dumped 4 yards of Redi Mix cement on bridge for cap.

(If additional description is necessary, use BACK of this sheet)
 Name of Plugging Contractor Forbes Casing Pulling, Inc.
 Address P. O. Box 221 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
J. O. Forbes (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) J. O. Forbes
P. O. Box 221 Great Bend, Kansas
 (Address)

SUBSCRIBED AND SWORN to before me this 29 day of March, 1967

My commission expires May 27, 1969 Alfred P. [Signature] Notary Public.

DRILLER'S LOG

COMPANY:
 CONTRACTOR:
 FARM:
 LOCATION:
 COMMENCED:
 COMPLETED:

HULME DRILLING COMPANY
 LEBEN DRILLING, INC.
 TAMMEN #4
 NE NE NE SEC. 31-20S-12W
 BARTON COUNTY, KANSAS
 7-27-59
 8-5-59

0	40	Sand
40	225	Shale and Sand
225	271	Shale
271	1000	Shale and Red Bed
1000	1560	Lime and Shale
1560	1695	Lime and Shale
1695	1890	Lime
1890	2040	Lime and Shale
2040	2310	Lime and Shale
2310	2855	Lime and Shale
2855	2930	Lime
2930	3025	Lime
3025	3135	Lime and Shale
3135	3240	Lime
3240	3291	Lime
3291	3470	Lime
3470	3490	Lime
	<u>3490</u>	<u>Rotary Total Depth</u>

15.009.04980.0000
 CONSERVATION DIVISION
 MAR 8 1967
 Sedgwick, Kansas

Set 8 5/8" surface casing @ 271' with 300 sacks Halliburton cement.

I, Frank Hamlin, do hereby certify that the above and foregoing is a true and correct copy of the log of the Tammen #4, located NE NE NE of Section 31, Township 20 South, Range 12 West, Barton County, Kansas, as reflected by the files of Leben Drilling, Inc.

Frank Hamlin
 Frank Hamlin

STATE OF KANSAS)
) SS.
 COUNTY OF SEDGWICK)

Subscribed and sworn to before me, a Notary Public, in and for Sedgwick County, Kansas, this twelfth day of August, 1959.

Juanita M. Green
 Juanita M. Green, Notary Public

My Commission Expires:
 April 23, 1963