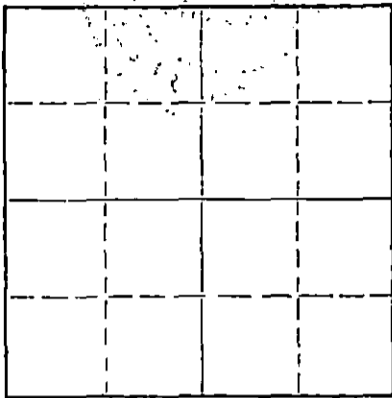


STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Pawnee County. Sec. 4 Twp. 20 Rge. 16 (E) W (W)
Location as "NE/CNW&SW&" or footage from lines NE SE NW
Lease Owner KATHOL PETROLFIUM, INC.
Lease Name HAGERMAN Well No. A-1
Office Address 900 Sutton Place, Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed March, 1951
Application for plugging filed November 4 1968
Application for plugging approved November 8 1968
Plugging commenced November 20 1968
Plugging completed November 22 1968
Reason for abandonment of well or producing formation Depleted

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 Leo Massey
Producing formation Arbuckle Depth to top 3710' Bottom 3736' Total Depth of Well 3756 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
Lansing		3412	3696	8-5/8"	850'	None
Arbuckle		3696	3736'	5-1/2	3736'	160'

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.

Sand Back from 3756' to 3700' Dump 5 sx cement.
Mud to 160' 10 ft. rock bridge to 150'
Dump 2 yd. Ready Mix Cement to Surface

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DEC 4 1968
CONSERVATION DIVISION
Wichita, Kansas

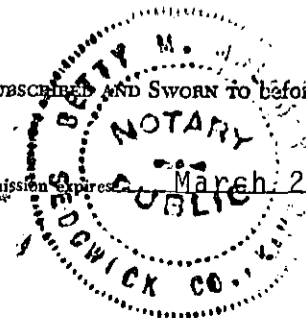
(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Ralph Comstock Pipe Pulling
Address 320 North Park, Staffrod, Kansas

STATE OF Kansas, COUNTY OF Sedgwick, ss.
Homer J. Catt (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) Homer J. Catt
Homer J. Catt
900 Sutton Pl., Wichita, Kansas
(Address)

Subscribed AND Sworn to before me this 3rd day of December, 1968

My commission expires March 22, 1971



Betty M. Maloney
Notary Public.

BEN F. BRACK OIL COMPANY, INC.
309-10 Brown Building
Wichita 2, Kansas

HAGERMAN "A" #1

NE SE NW

Sec. 4-20-16
Pawnee County, Kansas

Commenced: 3/4/51
Completed: 3/18/51

Elevation: 2009'
Total Depth: 3736'

WELL LOG

Surface	0 - 60'
Shale, Shells	440
Sand	550
Red Bed	1055
Anhydrite	1090
Red Bed	1105
Red Bed, Shale	1425
Shale, Shells	1730
Shale and broken Lime	1900
Lime, Shale	2015
Lime	2380
Lime, Shale Streaks	2485
Lime, broken	2585
Brown Lime	2638
Lime - Shale	2815
Shale, Shells	2895
Shale - Lime	2960
Lime, broken	3115
Lime	3410
Lansing Lime	3458
Lime	3729
Arbuckle	3736 T D

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Wichita, Kansas

FORMATIONS

Heebner	3330
Toronto	3348
Lansing	3422
Arbuckle	3691
	<u>2009</u>
	-1682

CASING RECORD

8-5/8"	841.37'
5-1/2"	3736'

Above depths denote bottom of formation.

To the best of my knowledge the above is a true and correct statement of all formations and where found.

BEN F. BRACK OIL COMPANY, INC.

Emil E. Bowers
Emil E. Bowers

WITNESSED:

Walter R. Adams

May 28, 1951.