

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

Logan County, Sec. 5 Twp. 12 Rge. 37 (E) W (W)

Location as "NE/CNW&SW&" or footage from lines NE NE SE

Lease Owner Wycoff Brothers

Lease Name R. Bretz Well No. 1

Office Address Box 170, Grinnell, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole

Date well completed May 22, 19 53

Application for plugging filed May 22, 19 53

Application for plugging approved May 22, 19 53

Plugging commenced May 23, 19 53

Plugging completed May 23, 19 53

Reason for abandonment of well or producing formation No commercial showing of oil or gas was found in the hole.

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 Eldon Petty, Hays, Kansas

Producing formation None Depth to top - - - Bottom - - - Total Depth of Well 4912 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	162	None

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 150 feet to 40 feet for each plug set.

Set plug at 150 feet. Run 1/2 sack of hulls and 15 sacks of cement by Company Tools. Fill 40 feet of top where second plug and 10 sacks cement were set.

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

Name of Plugging Contractor Wycoff Drilling Company

Address Box 170, Grinnell, Kansas

STATE OF Kansas, COUNTY OF Gove, ss.

R. A. Wycoff (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) R. A. Wycoff

Box 170 Grinnell, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 25th day of May, 1953

Harley M. Ginness
Notary Public.

My commission expires June 13, 1956

PLUGGING
FILE SEC 5 T 12 R 37W
BOOK PAGE 103 LINE 14

CONSERVATION DIVISION
WICHITA, KANSAS

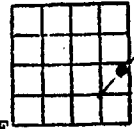
06-01-1953

Company- WYCOFF BROTHERS
Farm- Bretz No. 1

SEC. 5 T. 12 R. 37W
NE NE SE

Total Depth. 4912'
Comm. 4-29-53 Comp. 5-27-53
Shot or Treated.
Contractor.
Issued. 2-23-57

County Logan KANSAS



CASING:
10" 162'

Elevation. 3259' DF

Production. Dry

Figures indicate Bottom of Formations.

NO LOG AVAILABLE

All tops are adjusted to the Schlumberger log, and based on Kelly bushing elevation.

TOPS

Pierre shale	not available
Niobrara:	
Smokey hill	
member	290
Carlile shale	998
Greenhorn	1140
Graneros shale	1235
Dakota	1305
Morrison	1846
Permian red-bed	1950
Day creek	
Dolomite	2030
Blaine Gypsum	2345
Stone Corral	
Solomite	2570
Base/Amerious	3440
Topeka	3784
Heebner shale	4114
Laasing/Kansas	
City	4153
Base/Kansas	
City	4385
Marmaton lime-	
stone	4396
Cherokee	4603
Morrow	4691
Mississippian:	
St. Genevieve	4710
St. Louis	4764
Spergen	4796
Warsaw	4847

SCOUT TOPS

Dakota	1310
Permian	1945
Anhydrite	2575
Base/Amerious	3444
Topeka	3816
Heebner	4147
Kansas City	4182
Mississippi	
lime	4710

Remarks:
No Shows of live oil in this well.
A 10' error was made in the drill pipe measurements 2740' which was not detected until the depth of 4450' was reached. Therefore the tops given on the drilling time log above 4450' do not correspond to those given in the body of this report.

WELL LOG

Wycoff Bros. #1 Bretz
 NE NE SE 5-12-37
 Wildcat
 Logan County, Kansas

Contr.: Wycoff Drlg. Co.
 El.: 3259 D.F.
 3262 K.B.

The #1 Bretz was drilled with rotary tools to a total depth of 4912' (-1650). One hundred feet of surface casing was set. Thirty foot samples were saved from 100' to 550', 10' samples were saved from 550' to 3800', and 5' samples were saved from 3800' to the total depth. Five foot drilling time was recorded from 2500' to 3050', and 1' drilling was kept from 3050' to the total depth.

After the completion of drilling, a Schlumberger electric log survey was run on the hole, comprising Gamma Ray, Laterolog, and Microlog curves; the detailed portion was from 3200' to the total depth.

All samples were cut on the well at the time of drilling and a separate cut given to the Aurora Gasoline Co. representative.

FORMATION DESCRIPTIONS (all tops are adjusted to the Schlumberger log, and based on Kelly bushing elevation).

Pierre shale--this was the first formation encountered below the surface casing. No top is available for the formation. The Pierre shale is blue-grey in color and contains very little, if any, calcareous material.

Niobrara Formation--

Smoky Hill member--290' (plus 2972). A calcareous to chalky shale, some of which shows irregular, small, white splotches. T. Hys member --935' (plus 2327'). A cream-colored, soft, chalky limestone.

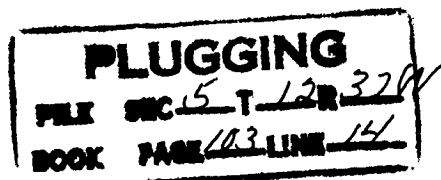
Carlile shale--998' (plus 2264')...blue-gray shale.

Greenhorn formation--1140' (plus 2122')...light to dark gray, calcareous shale, with some limestone beds near the base. There are a few foramsifera, Inoceramus prisims in the more shaly portions. The lower part of the formation contained some hard, brown limestone.

Graneros shale--1235' (plus 2027').

Dakota formation--1305' (plus 1957')...interbedded shales and sands. The upper portion contained a large number of small siderite concretions.

Morrison formation--1846' (plus 1416')...mostly gray shale--contained some light green slick looking shale.



06-12-1953

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Wycoff Bros. #1 Bretz

Permian red-beds--1950' (plus 1312')...red silty shales, thin red sandstones, and a number of beds of anhydrite and gypsum

Daycreek dolomite--2030' (plus 1232')...mostly anhydrite.

Blaine gypsum--2345' (plus 917')

Stone Corral dolomite--2570' (plus 692')...light gray to white anhydrite; dolomitic at the base.

Base of the Merriam--3440' (178).

Topeka--3784' (-522)...mostly light buff to cream, crystalline limestones interbedded with gray shales. A drill stem test was taken from 3859'-82', in light buff, crystalline limestone containing some very thick, black, dead oil--no odor. There was a weak blow for 14 minutes, with intermittent blows for the remainder of the two hours the tool was left open--recovered 90' of muddy salt water. BHP 975 psi.

Heebner shale--4114' (-852')...black carbonaceous shale.

Lansing-Kansas City--4153' (-891')---light buff-white, crystalline limestone with interbedded gray shales. There were a few thin beds of black shale. Some of the more porous beds were oolitic. There was an abundance of smoky chert in the lower portion of the formation.

Base of the Kansas City--4385' (-1123').

Marmaton limestone--4396' (-1134')...light buff-cream, very dense, crystalline, and finely crystalline limestone interbedded with gray shales. The characteristic pink and orange chert was present in the base of the formation. Chaetetes were also common in the Marmaton.

Cherokee--4603' (-1341)...gray and black, silty, pyritic shales, almost coal in places.

Morrow--4691' (-1429)...white, calcareous, and glauconitic sand.

Mississippian--

Ste. Genevieve--4710' (-1448')...sandy, oolitic limestone with a few with a few thin dense-lithographic limestone. The oolites are darker than the matrix. Some of the sand grains show secondary re-crystallization.

St. Louis--4764' (-1502')...White, crystalline, oolitic limestone interbedded with sucrose dolomitic limestone. There was a trace of brown chert with black dots.

Spergen--4796' (-1534')...Pseudo-oolitic limestone with thin streaks of granular dolomite. The lower 6' consisted of tan sucrose, porous dolomitic limestone. There were a few endothyra fossils.

Warsaw--4847' (-1585')...Tan-gray sucrose, dolomitic limestone with dirty black streaks containing gray and white mottled microfossiliferous chert.

Total Depth--4912' (-1650')

15-109-00028-00-00

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Wycoff Bros. #1 Bretz

Structurally, the #1 Bretz was 127' higher on the top of the Mississippian lime than the Texas Co. #1 Smith, 30-11-36W. There were no shows of live oil in the well. It was plugged and abandoned.

NOTE:--A 10' error was made in the drill pipe measurements at 2740' which was not detected until the depth of 4450' was reached. Therefore, the tops given on the drilling time log above 4450' do not correspond to those given in the body of this report.

Respectfully yours,

(Signed) Jacob E. Lemmons