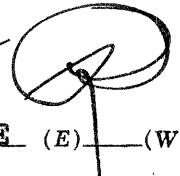


STATE OF KANSAS
STATE CORPORATION COMMISSION

15-173-00143-00-00

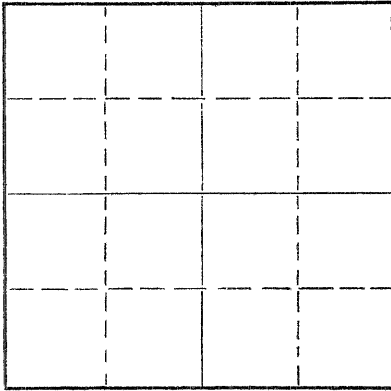
~~We also need a well log on this well.~~

WELL PLUGGING RECORD



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

NORTH



Locate well correctly on above
Section Plat

Sedgwick County. Sec. 14 Twp. 26 Rge. 2E (E) (W)
Location as "NE/CNW/SW" or footage from lines. NW/NE/NE
Lease Owner Warren Winnie
Lease Name Borg Well No. I
Office Address 511 Union National Bldg. Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 9-26 19 56
Application for plugging filed \$ 4- 19 60
Application for plugging approved 4- 19 60
Plugging commenced 4-27 19 60
Plugging completed 4-30 19 60
Reason for abandonment of well or producing formation dry

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 Lee Guthrie
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 2917' 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
				<u>4 1/2"</u>		<u>2094'</u>

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.

Plugged off bottom of the hole with rock.
Rock from 2884 1/2' to 2870'. Dumped 5 sx of cement. Mudded hole to 200'.
Made 20' of rock bridge. Dumped 20 sx of cement. Mudded hole to ## 35'.
Made 5' of rock bridge. Dumped 10 sx of cement, fillin hole to the bottom of the cellar.

RECEIVED
STATE CORPORATION COMMISSION

SEP 17 1963

CONSERVATION DIVISION
Wichita, Kansas

RECEIVED
STATE CORPORATION COMMISSION

5/19/60
MAY 19 1960

CONSERVATION DIVISION
Wichita, Kansas

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

Name of Plugging Contractor Art Lamb Casing Pulling Co,
Address P.O.Box 983 Hutchinson, Kansas

STATE OF KANS, COUNTY OF SEDGWICK, ss.

(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)

Stanley R. Blinn
511 Union Natl Bldg.
(Address)

SUBSCRIBED AND SWORN TO before me this 13 day of Sept, 1963

My commission expires

June 14, 1964

Marjorie Hatch
Notary Public.



15-173-00143-00-00

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

RP

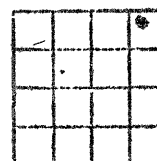
Company- WARREN WINNE
Farm- Borg

No. 1

SEC. 14 T. 26 R. 2E
NW NE NE VE

Total Depth. 2917'
Comm. 9-18-56 Comp. 9-26-56
Shot or Treated.
Contractor. Bedell-Catt Drlg. Co., Inc.
Issued. 11-3-56

County Harvey
KANSAS



Elevation. 1359' RB

Production. 25 BOPD

CASING:

8 5/8" 121' w/100 sx cem.
4 1/2" 2916'

Figures indicate Bottom of Formations

surface hole	121
lime	125
lime-shale	2540
lime	2626
shale-lime	2795
Mississippi lime	2882
chert	2907
Mississippi lime	2917
Total Depth	

TOPS: Scout	
Kansas City	2386
B/Kansas City	2550
Conglomerate	2826
Mississippi	2840
Mississippi chat	2882

DONALD HOY SMITH
5206 E. CENTRAL
WICHITA, KANSAS

September 27, 1956

GEOLOGIC REPORT

Winne Oil Co.
No. 1 E. C. Borg
W. NE NE Sec. 14-26S-2E
Greenwich Pool
Sedgwick County, Kansas

Elevation: 1359 R.B.
1357 D.F.
1354 G.L.
Contractor: Bedell-Catt Drilling Co. Inc. P.O. Box 2
Spud: 9-18-56; 3-5/8" csg 121';
Completed (Rotary) 9-26-56; 4-1/2" csg 2916
with 150 sacks cement

Depth Datum: Rotary Bushing
Samples Saved: 2000'-2917' T.D.
Samples Examined: 2300'-2917' T.D.

Drilling Time Recorded:
1-foot 2000'-2917', T.D.
Drilling Observed: 2775'-2917' T.D.

FORMATION TOPS, NOTABLE ZONES & TESTING DATA
(*Denotes Oil Staining or Gas Odor)

	Depth below Surface	Depth below Sea Level
KANSAS CITY LIME	2386	-1027
Light gray to buff finely crystalline partly fossiliferous and calcitic lime - some fair vugular porosity	2395-2401	
*Light gray to tan finely crystalline lime, fossiliferous and oolitic in part - traces slight inter-oolitic porosity and one trace of light spotted oil stain	2449-57	
Light gray to white finely crystalline fossiliferous calcitic sub-chalky lime with traces of oolites - traces slight vuggy porosity	2457-70	
Ditto	2473-77	
Light gray finely crystalline to saccharose partly oolitic lime - traces slight sub-oolitic and vugular porosity	2484-87	
Light grey-buff finely crystalline to finely granular and sub-chalky lime - traces slight sub-oolitic porosity	2507-17	
*Light gray to buff oolitic crystalline lime - some fair oolitic porosity - trace questionable light spotted oil stain	2540-45	
PART KANSAS CITY LIME	2550	-1191
? PENNSYLVANIAN BASAL CONGLOMERATE	2526	-1467
Dark gray, green, maroon, purple, maroon and ochre vari-colored non-fissile shale; bright red soluble shale; abundant light green clay shale, siliceous and brittle in part; abundant orange translucent to opaque chert in shale	281	

CONSERVATION DIVISION
Wichita, Kansas

PLUGGING
FILE SEC. 14 T. 26 R. 2E
BOOK PAGE 6 LINE 42

Minne Oil Co #1 S. J. Berg
NW NE NE Sec. 14-266-2E
Sedgwick County, Kansas

DONALD HOY SMITH
STATE GEOLOGICAL
SURVEY

Varicolored shales as above and abundant yellow, red and green clear to opaque coarse rounded sand grains with green and red coating; few fragments of orange to amber and green vitreous to slightly devitrified chert; some buff-gray and reddish-gray blocky chert

2832-40

MISSISSIPPIAN

2840

-1481

Yellow and some orange and greenish yellow non-vitreous opaque to vitreous translucent very oolitic tight chert; some light gray vitreous fossiliferous semi-opaque tight chert

2840-45

*White to light gray and some yellow-buff-orange-white mottled fossiliferous opaque chert - traces fair dead oil stain along fractures

2845-52

*Ditto, and some amber opaque chert with traces of dead oil stain along fractures; some yellowish-buff finely sugrose dolomite grading to impure chalk - trace dead oil stain, no porosity

2852-56

White-light gray opaque fossiliferous chert and orange to amber opaque to translucent chert, no porosity

2856-63

Some chert as above and some greenish and yellowish-gray very finely crystalline argillaceous siliceous tight dolomite

2863-67

Gray to tan very finely crystalline dense very siliceous argillaceous slightly glauconitic tight dolomitic-lime or limy dolomite with some yellowish mottling

2867-82

MISSISSIPPI "CHAT" ZONE

2882

-1523

*White devitrified to tripolitic chert and some white to light gray blocky chert - scattered slight and traces of fair solution porosity and a few traces of very small shows free oil and light spotted stain, no odor

2882-88

*Ditto with few traces of small to fair shows free oil and light spotted stain

2888-95

White-light gray and medium-dark gray smooth opaque sharp tight chert, no shows

2895-98

*Ditto with trace of slight solution porosity and small show of free oil

2898-2901

Ditto, no porosity, no shows

2901-03

White-light gray fossiliferous smooth to devitrified leached very glauconitic chert - fair to good solution and pin hole porosity, no shows some light gray and blue-gray opaque tight chert. (2 pieces white devitrified chert with fair solution porosity and small shows free oil - believe 16' from section

2882-95)

2907-11

CONSERVATION DIVISION
Wichita, Kansas

Page #3

Winné Oil Co. #1 F. C. Borg
NW NE NE Sec. 14-26S-2E
Sedgwick County, Kansas

DONALD HOY SMITH
5206 E. CENTRAL
WICHITA, KANSAS

Open 1 hour; strong blow throughout test; gas to surface in 1 hour; recovered 645' gassy oil, 315' heavy oil and gas cut mud and 252' salt water; IFF 60 lbs; FFP 460 lbs; 20-minute BHP 750 lbs

FF
STATE CORPOR.

*Light gray to white and bluish-gray translucent to opaque fossiliferous oolitic partly devitrified chert - some fair to good solution porosity, no shows; some light gray-white quartz granular leached chert with good solution porosity, one piece with light spotted oil stain

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Wichita, Kansas

2910-16

White coarsely crystalline glauconitic-tight lime with associated light gray opaque light chert

2916-17

ROTARY TOTAL DEPTH

2917

-1558

4-1/2" casing cemented with 150 sacks cement @

2916

-1557

PRODUCTION POSSIBILITIES

On the basis of the results of the drill stem test between 2883-2907 the #1 Borg appears to be practically assured of commercial oil production from the Mississippi "Chat" section from 2882-2895. Although slight traces of light spotted oil staining were noted in zones of porosity in the chert section from 2895 to 2916, as previously described, it appears probable that this section carries predominantly water. Also, it seems highly probable that a large part of the 252' of salt water recovered in the drill stem test was yielded by the section from 2895 to 2907.

The traces of light spotted oil staining noted in the Kansas City between 2449-2457 and 2540-2545 are considered non-commercial and unworthy of testing.

STRUCTURAL COMPARISONS

On the subsea top of the Mississippian at -1481 the #1 Borg is 2' lower than the north offset, Marlin Drilling Co #5 Weiskirch, SW SE SE Sec. 11; flat with the same company's #3 and #6 Weiskirch, NW SE SE and NE SE SE Sec. 11, respectively; 14' lower than Schio Petroleum Co. #4 Stollei, NE SW SE Sec. 11; and 8' lower than the J. P. Gaty dry hole in the SW SW SW Sec. 12.

On the subsea top of the "Chat" pay at -1523 the #1 Borg is 6' lower than #5 Weiskirch which drill stem tested only 8' of mud from the "Chat"; 11' lower than #3 Weiskirch; approximately 2' lower than #6 Weiskirch; and 28' lower than #4 Stollei. The "Chat" top in the J. P. Gaty well is not known to the writer.

DRILLING-IN DATA

Casing was cemented at 2916 or 1 foot off bottom in #1 Borg. The bottom joint of casing with float collar and guide shoe measured 25.60 feet. Top of the float collar, therefore, should have been encountered at approximately 2890 rotary measurements, or 2885 cable tool measurements. Top of the rubber wiper plug, which was supposed to have been pumped down to the top of the float collar, should have been encountered at 2839 rotary measurements, or 2884 cable tool measurements.

15-173-00143-00-00

DONALD HOY SMITH
5206 E. CENTRAL
WICHITA, KANSAS

Page No. 4

Winn Oil Co #1 L. C. Borg
NW NE NE Sec. 14-26S-2E
Sedgwick County, Kansas

After drilling through the rubber plug to what was believed to be the top of the float collar, the drilling line measurement of the total depth was 2839 $\frac{1}{2}$ '. No cement had been drilled.

The total depth and casing collars were then checked with the Halliburton Deep truck perforating line. Total Depth was measured as 2892-1/2' and collars were found to be approximately 1-1/2' lower than in pipe tally measurements. Measurements on the Halliburton line were corrected upward 1-1/2' to correspond with pipe tally measurements. Casing was then perforated with 10 shots (5 shots per foot) between 2882 $\frac{1}{2}$ ' to 2884 $\frac{1}{2}$ '.

In 10 minutes the hole filled with 150' of fluid; in 25 minutes 250' of fluid; in 1 hour 500' of fluid. Running the bailer at the end of each of the last-mentioned periods recovered muddy water with some oil on top.

The hole then swabbed 450' of oil and 50' of water 150' off bottom.

The writer left the well at this point. It was reported that in final swab tests the well swabbed 5 barrels of oil per hour plus a negligible amount of water.

Yours very truly,

Don A. Smith

DHS:RMS

RE
STATE CORPORATION

DEC 3 1957

CONSERVATION DIVISION
Wichita, Kansas