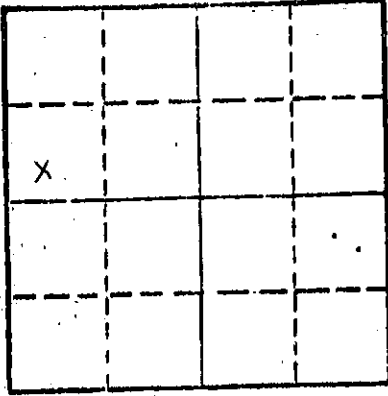


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit.
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH



Locate well correctly on above
Section Plat

Barber County, Sec 4 Twp 32 Rge 14 (E) W (W)
Location as "NE/CNWSW" or footage from lines 97'E of C. 1/2 SW NW
Lease Owner Century Exploration Co, Inc
Lessee Name Misc Well No. #3
Office Address 2302 N Ford Wichita, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed 10-4 1978
Application for plugging filed Orally 10-4 1978
Application for plugging approved Received by mail 10-5 1978
Plugging commenced 10-4 1978
Plugging completed 10-4 1978
Reason for abandonment of well or producing formation Dry

If a producing well is abandoned, date of last production 10
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 Russel Biberstein
Producing formation None Depth to top _____ Bottom _____ Total Depth of Well 4865 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>10 3/4" surface set with</u>	<u>260' - 10 2 1/2" dry cement</u>					
<u>not cased</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.

Bottom plug 240' cement with 50 sacks through drill pipe

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(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Company plugged at Century Exploration Co, Inc.
Address 2302 N. Ford Wichita, Kans.

STATE OF Kansas, COUNTY OF Barber 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) Bessie Kruekerberg - President
Century Exploration Co, Inc
2302 N. Ford Wichita, Kansas
(Address)

Subscribed and Sworn to before me this 7 day of August, 1978

BEVERLY J. HEWITT
STATE NOTARY PUBLIC
Barber County, Kansas
My Commission Expires
May 13, 1975

Beverly J. Hewitt
Notary Public.

My commission expires _____

KS-007-20232-0000

CHARLES I. SLAGLE
CONSULTING PETROLEUM GEOLOGIST
(316) 267-7082

609 Petroleum Building

Wichita, Kansas 67202

October 12, 1973

GEOLOGICAL REPORT

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Century Exploration Company, Inc.
97' East of C W/2 SW NW, Sec. 4-T32S-R14W,
Barber County, Kansas

COMMENCED: April 24, 1973
COMPLETED: October 4, 1973
CONTRACTOR: Company Rig

ELEVATION: 1763 KB; 1761 DF; 1758 Grd.

SURFACE CASING: 10 3/4" set @ 260' w/250 sax

ELECTRICAL SURVEY: Gamma Ray - Neutron
Guard - Caliper

ROTARY TOTAL DEPTH: 4865 feet

STATUS: D&A

General Remarks: One foot drilling time was recorded from 2100' to 4865 feet, RTD. Samples saved and examined from 2100' to 4865', RTD. All measurements were made from Kelly Bushing elevation of 1640 feet.

A gas analyzer was in operation from 2350 to 4865'.

Geological Formations and Depths:

<u>Formation</u>	<u>Sample Tops</u>	<u>Electric Log Tops</u>
Herrington		2076 (- 313)
Winfield	2140 (- 377)	2140 (- 377)
Towanda	2203 (- 440)	2203 (- 440)
Florence	2289 (- 526)	2290 (- 527)
Cottonwood	2583 (- 820)	2584 (- 821)
Foraker	2725 (- 962)	2726 (- 963)
Indian Cave Zone	2858 (-1095)	2860 (-1097)
Brownsville	2911 (-1148)	2914 (-1151)
Tarkio	3063 (-1300)	3063 (-1300)
Emporia	3148 (-1385)	3147 (-1384)
Severy	3267 (-1504)	3270 (-1507)
Topeka	3293 (-1530)	3296 (-1533)
Heebner	3798 (-2035)	3797 (-2034)

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Wichita, Kansas

Geological Report

Page Two

Geological Formations and Depths (Continued)

<u>Formation</u>	<u>Sample Tops</u>	<u>Electric Log Tops</u>
Douglas	3829 (-2066)	3830 (-2067)
Iatan	3963 (-2200)	3965 (-2202)
Lansing-Kansas City	3975 (-2212)	3972 (-2209)
Base of Kansas City	4363 (-2600)	4368 (-2605)
Marmaton	4432 (-2669)	4435 (-2672)
Mississippian	4500 (-2737)	4500 (-2737)
Kinderhook	4561 (-2798)	4562 (-2799)
Viola	4605 (-2842)	4605 (-2842)
Simpson	4750 (-2987)	4752 (-2989)
Simpson Sandstone	4771 (-3008)	4772 (-3009)
Arbuckle	4845 (-3082)	4846 (-3083)
Total Depth	4865 (-3102)	4867 (-3104)

ZONES OF INTEREST: Following is a sample description of interesting zones encountered in this test.

COTTONWOOD

2583-2597 Limestone, light gray to buff, fine crystalline, fossiliferous, with scattered fine vuggy porosity. Good porosity. No show.

FORAKER

2725-2740 Limestone, light gray to buff, fine crystalline, fossiliferous, with scattered vuggy porosity. Fair porosity. No show.

EMPORIA

3152-3160 Limestone, cream to buff, slightly chalky, dense to fine crystalline, slightly fossiliferous, with scattered vuggy porosity. Occasional trace of spotted oil stain. No gas kick on gas detector. Electric log indicates this zone has a high water saturation and therefore would produce water.

3173-3194 Limestone, cream to buff, chalky, dense to fine crystalline, slightly fossiliferous with scattered vuggy porosity. Occasional trace of spotted oil stain. No gas kick on gas detector. Electric log indicates this zone has a high water saturation and consequently would produce water.

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Wichita, KansasTOPEKA

- 3314-3328 Limestone, cream to buff, chalky to fine crystalline, slightly argillaceous, with scattered vuggy porosity. Good porosity. No show.
- 3346-3362 Limestone, cream to buff, oolitic and oolitic with dense to fine crystalline, slightly dolomitic matrix. Good porosity. No show.
- 3505-3516 Limestone, cream to light gray, dense, chalky to fine crystalline, slightly fossiliferous, cherty and dolomitic with some scattered vuggy porosity. Occasional trace spotted dead oil stain. No gas kick on gas detector. Electric log indicates this zone to have high water saturation and consequently would produce water.

LANSING-KANSAS CITY

- 4009-4030 Limestone, cream, light buff to light gray, chalky, dense to fine crystalline, slightly fossiliferous and cherty with scattered vuggy porosity. Trace scattered spotted oil stain. No odor. No gas kick on gas detector. Electric log indicates this zone to have high water saturation.
- 4042-4056 Limestone, cream, light buff to light gray, chalky to very fine crystalline, slightly fossiliferous and cherty with some scattered vuggy porosity. Occasional spotted oil stain. No odor. Electric log indicates this zone has high water saturation and therefore would produce water.
- 4111-4126 Limestone, cream to light buff, chalky to fine crystalline, slightly cherty with scattered vuggy porosity. Occasional trace spotted oil stain. No odor. No gas kick on gas detector. Electric log indicates this zone to have high water saturation.
- 4226-4244 Limestone, cream to buff, dense, chalky to fine crystalline, slightly cherty and fossiliferous with some scattered vuggy porosity. Occasional trace of spotted oil stain. No odor. No gas kick on gas detector. Electric log indicates this zone has high water saturation.
- 4282-4293 Limestone, light buff, oolitic with fine crystalline, slight cherty matrix. Occasional trace of spotted oil stain. No odor. No gas kick on gas detector. Good porosity. Electric log indicates that this zone is water bearing.

MARMATON:

4432-4439

Limestone, cream to buff, dense, chalky to fine crystalline, slightly fossiliferous with some scattered vuggy porosity. Occasional scattered black flaky, asphaltic oil stain. No odor. No gas kick on gas detector. Electric log calculations indicate 10 to 13% porosity with low water saturations.

DST #2 (Straddle) 4400-4452/90 minutes

Weak blow for 30 minutes.

Recovered: 35 feet drilling mud.

FP: 19 - 37#
 IBHP: 84#/45 minutes
 FBHP: 46#/45 minutes
 BHT: 1120

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MISSISSIPPIAN

4500-4561

Limestone, cream to light buff, chalky to dense with white weathered, buff and white opaque and white translucent chert. Occasional trace residual oil stain on some of weathered chert. Poor porosity. Electric log indicates low porosity and high water saturations.

VIOLA

4610-4651

Limestone, white, chalky to fine crystalline with white translucent and white opaque chert, occasionally slightly weath red. Trace residual oil stain on some of slightly weathered chert. No odor. No kick on gas detector. Electric log indicates this zone has a high water saturation.

SIMPSON

4771-4780

Sandstone, fine to coarse, subangular to subround, slightly dolomitic with scattered free oil. Good porosity. No odor. No gas kick on gas detector.

DST #1

4746-4782/90 minutes

Good blow throughout test.

Recovered: 60' slightly oil and gas cut mud;
 180' slightly gassey and oil cut watery
 mud;
 240' salt water.

DST #1 (continued)

FP: 37 - 224#
 IBHP: 1608#/45 minutes
 FBHP: 1571#/45 minutes
 BHT: 116⁰

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ARBUCKLE

4845-4865

Dolomite, light buff, pink to gray, chalky, dense to coarse crystalline, slightly vuggy with white weathered oolitic chert. Occasional trace of free oil and spotted oil stain. No odor. Electric log indicates this zone has high water saturation.

4865 feet

ROTARY TOTAL DEPTH.

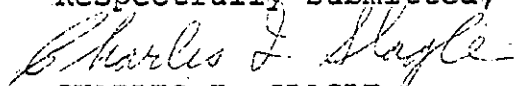
STRUCTURAL RELATIONSHIP:

The following table shows the structural relationship of the #3 Mills to nearby tests:

	Century #1 Mills S/2 S/2 SE 5-32S-14W Barber Co., Kans.	Dickey Oil #1 Mills C SE SW 32-31S-14W Barber Co., Kans.	Century #3 Mills CW/2 SW NW 4-32S-14W Barber Co., Kan
Heebner	-2042	-2038	-2034
Lansing	-2223	-2214	-2209
Mississippi	-2757	-2750	-2737
Viola	-2873	-2827	-2842
Simpson	-3014	-2980	-2989
Arbuckle	-3105		-3083
Total Depth	-3242	-2997	-3104

SUMMARY:

Sample examination, drill stem tests, gas analyser, and electric log evaluation indicated that the shows of oil encountered in the #3 Mills are non-commercial, therefore, this test was plugged and abandoned.

Respectfully submitted,

 CHARLES I. SLAGLE

CIS:wlr