STATE OF KANSAS
STATE CORPORATION COMMISSION

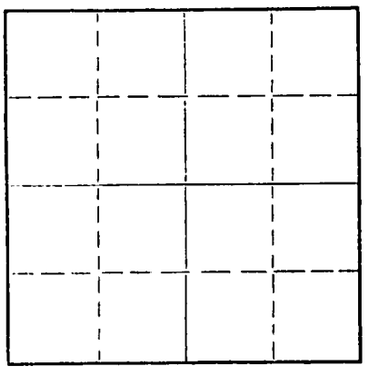
Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
211 No. Broadway
Wichita, Kansas

JY

15-051-05829-0001

# WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Ellis County. Sec. 22 Twp. 11 Rge. (E) 17 (W)

Location as "NE/CNW¼SW¼" or footage from lines NW/4 NE/4 SW/4

Lease Owner Sohio Petroleum Company

Lease Name Bemis "C" Well No. 1

Office Address Box 673 Russell, Kansas

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

Date well completed 4-7 19 37

Application for plugging filed 8-31 19 62

Application for plugging approved 9-5 19 62

Plugging commenced 9-8 19 62

Plugging completed 9-12 19 62

Reason for abandonment of well or producing formation uneconomical

If a producing well is abandoned, date of last production 8-30 19 62

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

Producing formation Arbuckle Depth to top 3438 Bottom 3484 Total Depth of Well 3484 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 |
|---|---|---|---|---|---|---|
| | | | | 10" | 1159 | --- |
| | | | | 7" | 3445 | 2617.62' |
| | | | | 5½" | 71 | --- |
| | | | | Liner | | |

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.

| | |
|---|---|
| 3450 - 3435 | Dumped sand |
| 3435 - 3415 | Dumped 5 sacks cement |
| 3415 - 450 | Pumped in mud |
| 450 - 180 | Dumped 20 sacks cement and 7 sacks of mud |
| 180 - 20 | Dumped 20 sacks cement and 3 sacks of mud |
| 20 - Bottom of cellar | Dumped 10 sacks of cement |

RECEIVED
STATE CORPORATION COMMISSION
SEP 24 1962
CONSERVATION DIVISION
Wichita, Kansas

RCVD 09-21-62

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

Name of Plugging Contractor Knight Casing Pulling Company

Address Box 304 Chase, Kansas

STATE OF Kansas, COUNTY OF Russell, ss.

D. W. Smith (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) D. W. Smith

Russell, Kansas - Box 673
(Address)

SUBSCRIBED AND SWORN TO before me this 19th day of September, 1962

Bernice M. Hatt
Notary Public.

My commission expires August 22, 1964

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# WELL SAMPLE RECORD



Location - NW NE SW Sec. 22, Twp. 11S, Rge. 17W

Farm - Bemis Well No. 1-C

County - Ellis State - Kansas

Company - Margay Oil Corporation

Samples from 1010 to 3440 - Elevation 1944'

Examined by Boris Lerke and R. S. Clark

| From | To | Formation and Remarks |
|---|---|---|
| 1010 | 1150 | Finely grained pink sand (congl.) micaceous Mudstone, trace of gypsum |
| 1153 | 1170 | Anhydrite |
| | | White coarse anhydrite |
| 70 | 80 | Ditto, some drab dolomite (50 percent) |
| 80 | 90 | Ditto |
| | | Enid Group |
| 1190 | 1320 | Mudstone and anhydrite, trace of dolomite |
| 1320 | 60 | Ditto, mostly anhydrite |
| 60 | 90 | Mudstone |
| 90 | 1400 | Ditto, some fine grained sand, tract of green shale |
| 1400 | 20 | Brown shale, some green shale |
| | | Wellington |
| 1420 | 1430 | Ditto, some increase in gray shale |
| 30 | 70 | Brown shale, some green shale |
| 70 | 80 | Ditto, some drab anhydrite |
| 80 | 1520 | Drab anhydrite, some gray shale |
| 1520 | 40 | Drab anhydrite, some red and gray shale |
| 40 | 50 | Anhydrite and gray anhydritic shale (Probably Salt Zone) |
| 1550 | 1660 | Various colored shale, some anhydrite |
| 1660 | 80 | Ditto, some gypsum |
| 80 | 1730 | Ditto |
| 1730 | 50 | Ditto, increase in anhydrite |
| | | Wellington Anhydrite |
| 1750 | 1840 | Drab-white anhydrite |
| 1840 | 50 | Light gray anhydrite 80 percent, trace brownish gray dolomite 10 percent, various colored shale |
| | | MARION |
| 1850 | 1860 | Mainly drab fine grained dolomite |
| 60 | 70 | Gray anhydrite 40 percent, green and maroon shale 50 percent drab dolomite 10 percent |
| 70 | 90 | Mainly drab and gray mottled fine grained dolomite |
| 90 | 1900 | Maroon shale 50 percent, gray fine grained dolomite 50 percent |
| 1900 | 10 | Mainly drab fine grained dolomite |
| 10 | 20 | Drab fine grained dolomite 60 percent, maroon shale 40 percent |

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09-04-62

| | | | |
|---|---|---|---|
| | | | LUTA - WINFIELD |
| | 1920 | 1950 | Mainly light gray finely granular to fine grained dolomite, trace v rious colored shale |
| | 50 | 60 | Brown-gray and gray, fine grained dolomite |
| | 60 | 70 | Maroon shale 50 percent, drab dolomite 50 percent |
| | 70 | 80 | Maroon silty shale 50 percent, dolomite 50 percent |
| | | | FORT RILEY |
| | 1980 | 1990 | White anhydrite 40 percent, drab dolomite 20 percent, mud and shale 40 percent |
| | 90 | 2020 | Drab fine grained dolomite 90 percent, maroon shale 10 percent |
| | 2020 | 30 | Drab and buff dolomite, maroon shale 25 percent |
| | 30 | 50 | Mainly gray fine grained mottled dolomite |
| | 50 | 70 | Gray fine grained shaley dolomite 60 percent, dark gray shale 40 percent |
| | 70 | 90 | Gray fine grained dolomite with various colored shale cave (?) 30 percent |
| | 90 | 2110 | Gray finely granular silty dolomite and various colored shale 20 percent |
| | | | BASE FLORENCE FLINT |
| | 2110 | 2120 | Mainly maroon and dark gray shale |
| | 20 | 30 | Mainly gray mottled lime trace maroon shale |
| | 30 | 50 | Maroon shale 50 percent, gray mottled lime 50 percent |
| | | | WREFORD |
| | 2150 | 2160 | Light gray and gray finely granular lime 75 percent, gray shale 25 percent |
| | 60 | 70 | Gray fine grained lime with 50 percent dark gray to black dense chert. |
| | 70 | 80 | Gray lime and chert 50 percent, gray and maroon shale 50 percent |
| | 80 | 90 | Trace buff finely granular lime, mainly maroon and gray shale |
| | 90 | 2220 | Buff finely granular lime 50 percent, various colored shale 50 percent |
| | 2220 | 40 | Mainly light buff and granular lime trace various colored shale |
| | 40 | 60 | Light gray flakey lime and trace maroon shale |
| Cottonwood | 60 | 80 | Light gray lime 40 percent, maroon and gray shale 60 percent |
| | 80 | 2300 | White highly fossiliferous porous lime 75 percent, red shale 25 percent, many fusulinid |
| | 2320 | 30 | Red shale |
| | | | NEVA |
| | 2330 | 2350 | White highly oolitic lime |
| | 2350 | 2370 | Drab fossiliferous partly oolitic lime 75 percent, red shale 25 percent |
| | 70 | 80 | Drab-white fossiliferous lime |
| | 80 | 2410 | Ditto, some red shale 35 percent |
| | 2410 | 20 | Brown drab fossiliferous lime (trace dead oil) 75 percent, various colored shale 25 percent |
| | | | FORAKER GROUP |
| | 2420 | 2430 | Gray drab fossiliferous lime |

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| | | |
|---|---|---|
| 30 | 40 | White fossiliferous lime 75 percent, various colored shale 25 percent |
| 40 | 50 | Ditto, some gray micaceous shale |
| 50 | 70 | Gray drab sandy lime (fossiliferous) |
| 70 | 80 | Ditto, lime cherty |
| 80 | 2500 | Gray sandy lime 50 percent, gray micaceous shale 50 percent |
| 2500 | 10 | Gray fossiliferous lime, some various colored shale |
| 10 | 20 | Ditto, increase in shale to 50 percent |
| 20 | 30 | Drab highly fossiliferous sandy lime |
| 30 | 40 | Gray shale, some drab lime |
| 40 | 50 | Drab-white sandy fossiliferous lime 75 percent, various colored shale 25 percent |
| 50 | 70 | Various colored shale (mostly gray) |
| | | AMERICUS |
| 2570 | 2580 | White fossiliferous lime |
| 80 | 90 | Gray shale |
| 90 | 2610 | Various colored shale mostly gray |
| 10 | 20 | Ditto, some drab fossiliferous lime |
| | | TARKIO |
| 2620 | 2630 | Gray fossiliferous lime 50 percent, gray shale 50 percent |
| 30 | 40 | Ditto, increase in lime to 75 percent |
| 40 | 50 | Ditto, shale various colored |
| 50 | 70 | Various colored shale 50 percent, gray fossiliferous lime 50 percent, much free pyrite |
| 70 | 80 | Various colored shale, some micaceous sandy gray shale, much free pyrite |
| 80 | 90 | Dark gray to black platy shale 80 percent, light gray lime 20 percent |
| 90 | 2700 | Light gray granular shale 80 percent, dark gray shale 20 percent |
| 2700 | 20 | Dark gray shale 50 percent, light gray lime 50 percent |
| 20 | 30 | Dark gray shale, light gray finely angular micaceous aggregates of sand 30 percent |
| 2730 | 2750 | Light gray and drab fine grained lime 80 percent, dark gray shale 20 percent |
| 50 | 60 | Dark gray and greenish-gray shale 50 percent, gray fine grained lime 50 percent |
| 60 | 70 | Dark gray shale with traces of lime |
| 70 | 2810 | Dark gray and brown fossiliferous lime and dark gray shale 25 percent |
| 2810 | 20 | Dark gray fossiliferous lime with increase in dark gray shale to 40 percent |
| 20 | 30 | Mainly dark gray platy shale, trace lime |
| 30 | 60 | Dark gray fine micaceous silty shale |
| | | TOPEKA SERIES |
| 2860 | 2870 | Light gray to gray finely granular lime, dark gray shale 40 percent |
| 70 | 2900 | Mainly gray to dark gray fine grained lime |
| 2900 | 20 | Mainly light brownish slightly porous, with trace oil stain(lime) |
| 20 | 40 | Light gray to gray fine grained to dense lime and trace gray chert |
| 40 | 60 | Gray and brownish gray dense lime |
| 60 | 70 | Brownish gray fine granular lime |
| 70 | 90 | Mainly dark gray shale cave? and trace light gray lime |

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| | | |
|---|---|---|
| 90 | 3010 | Light brownish dense lime and trace black shale cave |
| 3010 | 30 | Brown dense lime and light gray dense chert, trace fusulinid |
| 30 | 50 | Trace light brown dense lime and various colored shale abundant (cave) |
| 50 | 60 | Light gray and brownish fine granular slightly porous lime with trace of oil saturation |
| 60 | 80 | Light gray fine granular lime with only slight traces of saturation, some fusulinid and gray opaque chert |
| 80 | 90 | Light gray and brownish gray fine granular lime and trace fusulinid, trace gray dense chert |
| 90 | 3100 | Light brownish gray fine granular lime with trace oil stain and gray dense and dark gray to black shale 25 percent |
| 3100 | 3110 | Dark gray shale 50 percent, light gray lime, trace maroon shale |
| 10 | 20 | Gray maroon shale 75 percent, light gray lime 25 percent |
| | | LANSING - KANSAS CITY (Top 3125) |
| 3120 | 3130 | Light gray lime 50 percent, maroon gray shale 50 percent |
| 30 | 50 | Increase in lime to 75 percent |
| 50 | 70 | Light gray lime 50 percent, various colored shale 50 percent |
| 70 | 90 | Light gray oolitic lime |
| 90 | 3200 | Light brownish porous lime, trace good saturation |
| 3200 | 3230 | Light gray lime |
| 30 | 50 | Ditto, some chert |
| 3250 | 3260 | Brownish oolitic limestone, some saturation |
| 60 | 70 | Light brownish lime, some saturation |
| 70 | 80 | Light brownish lime |
| 80 | 3300 | Ditto, some chert |
| 3300 | 3310 | Ditto, various colored shale 50 percent |
| 10 | 30 | Ditto, some saturation |
| 30 | 40 | Ditto, good saturation |
| 40 | 70 | Light brown crystalline to dense lime |
| 70 | 90 | Ditto |
| 90 | 3404 | Brown dense lime, some various colored shale |
| | | DETRITAL ZONE |
| 3404 | 3410 | Dark gray to maroon shale 75 percent, brown dense lime 25 percent |
| 10 | 14 | Maroon shale, trace of chert and brown lime |
| | | SIMPSON SERIES |
| 3414 | 3420 | Green shale, some dolomite |
| 20 | 24 | Increase in percentage of dolomite with some good saturation |
| 24 | 31 | Increase in percentage of shale, just trace dolomite |
| 31 | 33 | Green shale 50 percent, free and cemented pyritic sand 25 percent, various colored shale 25 percent |
| 33 | 36 | Pyritic sand, some saturation, trace shale |
| 36 | 38 | Ditto, some chert |
| | | SILICEOUS LIME |
| 3438 | 3440 | Brown very porous crystalline dolomite well saturated, some chert and free oolites. |