

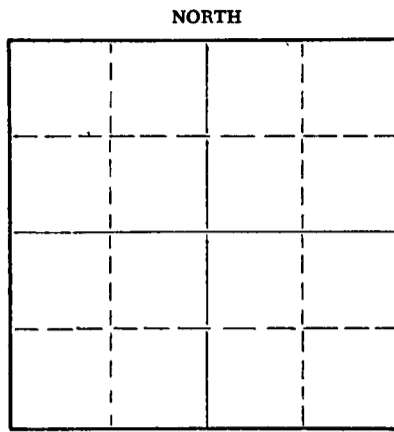
15-051-19352-0002

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
800 Bittig Building
Wichita, Kansas

Ellis County. Sec. 21 Twp. 11 Rge. (E) 17 (W)
Location as "NE/CNW/SW" or footage from lines 330'N 330'W of SE Corner
Lease Owner Cities Service Oil Co.
Lease Name Bemis Well No. 4
Office Address Bartlesville, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) oil
Date well completed 1/19/48 19
Application for plugging filed 5/25/55 19
Application for plugging approved 5/27/55 19
Plugging commenced 6/7/55 19
Plugging completed 6/8/55 19
Reason for abandonment of well or producing formation non-commercial



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production 5/26/55 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 Mr. Eldon Petty
Producing formation Arbuckle Depth to top 3390' Bottom _____ Total Depth of Well 3482 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
				15 1/2	93'	0
				10	1120'	0
				7	3395'	2343
				4 1/2	3481'	3047

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.

Filled w/ sand to 3350', 5 sx cement to 3300'.
Mud to 300', set rock bridge w/25 sx. cement.
Mud to 35' w/10 sx cement to surface.

06-16-55

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Schull Casing Pulling Co.
Address Great Bend, Kansas

STATE OF KANBAS COUNTY OF BARTON
James Porter (employee of owner) of 1111 1/2 ss, _____ 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) James Porter
Box 553, Russell, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 14th day of June, 1955
W. G. Smith
Notary Public.

My commission expires March 12, 1959

PLUGGING
FILE SEC 21 T 11 R 17W
BOOK PAGE 122 LINE 36

WELL RECORD

15-051-19352-0002

Company: Cities Service oil Co.

Well No.: 4 Farm: Bemis

Location: 330' North and 330' West of SE Corner

Sec. 21 T. 11 R. 17W

Elevation: 1906'

County: Ellis

State: Kansas

Drlg. Comm. 1/15/48

Contractor: Signal Oil Field Service

Drlg. Comp. 1/19/48

Acid: 250 gal 3445-49'; 250 gal. 3430-40.

T.D.: 3482'

Initial Prod: Phys. Pot.: 13 oil, 98% water, 24 hrs. 5/26/48

Casing Record: 15½" @ 93' w/55 sx.
 10" @ 1120' w/350 sx.
 7" @ 3395' w/350 sx.

0-42	Granite and shale	2295	gray lime-hard
120	shale	2300	grey lime-hard
175	blue shale	2365	broken lime-med
315	soft shale	2410	shale blue-med
439	sand, grey soft	2420	light lime-med
760	sand, grey soft	2434	light lime-hard
770	sandy shale dark	2461	grey lime-hard
785	red shale	2474	blue shale-med
925	red sand and shale	2496	blue shale med
1020	red shale and shells-med	2512	grey lime-hard
1108	blue shale and shells-med	2535	light lime-hard
1136	hydrite-hard	2545	broken lime-med
1160	red shale and shells	2573	grey lime-hard
1218	red shale and shells-med	2590	grey shale-med
1375	red shale and shells-med	2605	grey shale-med
1482	blue shale-med	2618	light grey lime-hard
1487	blue shale and shells-med-dark	2637	grey shale
1675	salt shells dark-soft	2643	shale blue-med
1729	salt and shale-med	2662	lime broken-med
1739	lime-hard	2678	shale blue-med
1755	lime light-med	2715	lime grey-hard
1798	grey shale-med	2730	grey lime-hard
1815	red shale-med	2740	grey lime-med
1846	light lime-hard	2815	shale blue-med
1876	light lime broken	2855	grey lime-med
1888	light lime-med	2859	grey lime-med
1895	light lime-med	2878	light lime-hard
1917	blue sticky shale-med	2904	lime light-hard
1938	lime grey-hard	2934	grey lime-hard
1948	lime light-med	3010	grey lime-hard
1965	lime grey-hard	3024	blue shale-med
1980	lime broken-med	3027	blue shale-med
1991	lime light-hard	3050	light lime-hard
2021	lime light grey-hard	3087	grey lime-hard
2065	lime light grey hard	3102	grey lime-hard
2077	lime light-med	3144	broken lime-med
2106	lime broken-med	3162	grey lime,med
2125	lime grey-hard	3190	light lime-soft
2161	lime grey-med	3205	light lime-soft
2178	grey lime-light med	3222	broken lime-med
2183	grey lime hard	3257	light lime-hard
2195	broken lime	3283	light grey lime-hard
2210	broken lime-med	3317	light grey lime-hard
2218	lime grey-hard	3323	broken lime-hard
2235	lime light-med.	3334	grey olime-hard
2247	lime broken-med.	3355	grey lime-med
2257	brown shale	3370	grey lime-hard
2272	broken lime	3380	sand
2280	grey lime-med	3385	shaley sand
2291	brown shale-soft	3388	lime
		T.D. 3388--3395 SLM	

PLUGGING

FILE SEC 21 T. 11 R. 17W
 DATE PAGE 122 JUN 26

DEEPENING RECORD

Casing Record: 15½" @ 93' w/55 sx cement
10-3/4" @ 1120' w/350 sx. cement
7" @ 3390' w/350 sx cement
4½" @ 3481' w/50 sx cement

FORMATION RECORD:

Old total depth	3395'
lime hard	3395-3436
lime sandy	3476'
3476=3482 SLM	
Top Arbuckle	3390'
Penetration	92'
Total depth	3482'

Drilled cement to 3470' SLM
Perf. 17 shots 3445-49'
Acidized 250 gal at 1000#; would not take acid
Perf. 55 shots 3430-40'; no fluid
acidized 250 gal.
Plugged back 3470 to 3442' with Calseal
3/20/48 pumped 28 oil-152 water-24 hrs.

PB 5/7/52 to 3365' PBTD

Squeezed 50 sx. - retainer @ 3398'
Cemented hole in 4½" @ 3365' w/25 sx.
Perf. 14 sh 3375-88
23 sh. 3383-92
21 sh 3376-81
20 sh

Sand frac Simpson 3375-92 w/2000# sand and 80 bbl. 25° API crude
and 75 bbls 34° crude 30 min.

Pumped 82-110-24 hrs.
37-168-24 hrs.

AMERICAN VISION
Houston, Texas