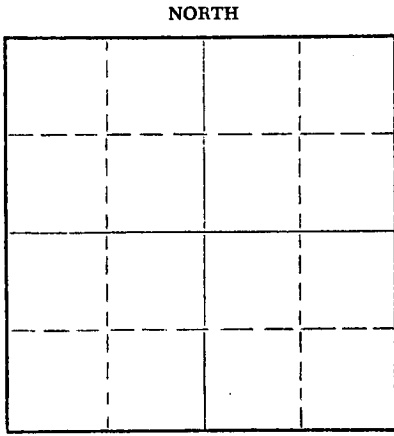


WELL PLUGGING RECORD

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

Ellis County. Sec. 21 Twp. 11S Rge. 17W(W)
Location as "NE/CNWSW" or footage from lines 330' fr. S & 355' fr. E Lines of
Lease Owner Phillips Petroleum Company S/2 NE/4
Lease Name F. A. Bemis Well No. 2
Office Address Box 779, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil Well
Date well completed October 3, 19 36
Application for plugging filed October 9, 19 56
Application for plugging approved October 10, 19 56
Plugging commenced October 27, 19 56
Plugging completed November 3, 19 56
Reason for abandonment of well or producing formation Uneconomical to operate



If a producing well is abandoned, date of last production October 8, 19 56
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 3437 Bottom NR Total Depth of Well 3461 Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TD	SIZE	PUT IN	PULLED OUT
Anhydrite	Dry	1120	NR	20"	163'	None
Topeka	Dry	2845	2955	12-1/2"	1125'	None
Lecompton	Dry	2955	3115	8-5/8"	3438'	2235'
Lansing-Kansas City	Dry	3115	NR			
Detrital	Dry	3390	3423			
Simpson	Dry	3423	3434			
Simpson Detrital	Dry	3434	3437			
Siliceous (Arbuckle)	Oil	3437	3461			

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.

Ran SIM to 3437'. Dumped 65 gals. sand to 3414'. Dumped 6 sx. cement to 3399'. Mudded hole from 3399' to 400'. Set 10' rock bridge to 390'. Dumped 40 sx. cement to 338'. Mudded to 34'. Set 8' rock bridge and 20 sx. cement in filling to base of cellar. Well plugged and abandoned at 4:30 P.M. 11-3-56. FINAL REPORT

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

Name of Plugging Contractor West Supply Company
Address Chase, Kansas

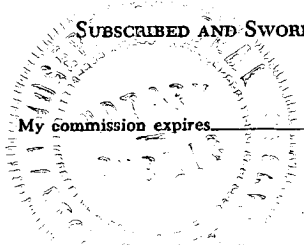
STATE OF Kansas, COUNTY OF Barton, ss.
A. J. Willis (employee of owner) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) [Signature]
Box 779, Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 7th day of November, 19 56

My commission expires November 18, 1957

[Signature] Notary Public.



PLUGGING
FILE SEC 21 T 11 R 17W
BOOK PAGE 106 LINE 63

NOV - 2 1956
11-09-56
CONSERVATION DIVISION
Wichita, Kansas

EXPLORATION RECORD

Phillips Petroleum Company

F. A. Bemis No. 2 - NE/4 Sec. 21-11S-17W, Ellis County, Kansas

Lease Bemis

Well 2

Formation Name	Top	Base	Remarks
Surface Soil	0	90	
Shale and shells	90	162	
Shale and redbed	162	575	
Iron	575	610	
Shale and shells	610	660	
Sand	660	840	
Shale and lime	840	960	
Sand	960	1000	
Sand and redbed	1000	1124	
Anhydrite	1124	1132	
Lime	1132	1160	
Shale and shells	1160	1305	
Redbed and shells	1305	1540	
Shale and salt	1540	1725	
Shale and lime	1725	1810	
Lime	1810	1850	
Lime and shale	1850	1940	
Shale and shells	1940	2050	
Lime and shale	2050	2140	
Shale and shells	2140	2210	
Shale and lime	2210	2320	
Shale and shells	2320	2430	
Shale and lime	2430	2845	
Lime	2845	3392	
Shale	3392	3400	
Lime	3400	3440	
Lime	3440	3449	
Shale break	3449	3455	
Lime	3455	3461	

PLUGGING
 FILE SEC 21 T. 11 R. 17W
 BOOK PAGE 106 LINE 63

RECEIVED
 STATE GEOLOGICAL SURVEY
 CONSERVATION DIVISION
 Topeka, Kansas



PHILLIPS PETROLEUM COMPANY
INDIVIDUAL WELL REPORT FOR ACID TREATMENT

Well No. 2 Treatment _____ District Western Kansas
 Lease No. 2011 Well No. 2 Description Sg 524 County Ellis
 Operated Phillips Petroleum Company Sec. 21 Twp. 11S Rge. 17W

Well History Before Acid Treatment

COMPLETION DATA

Drilling Completed 9-8-36
 Initial Production 500' in 16 hrs.
 Original Total Depth 3482
 If Plugged Back, show Date, kind of Plug, and Results _____

Present Total Depth (SLM) 3482
 Present Fluid Level (SLM) 1450'
 Date of Steel Line Measurement 9-8-36
 Feet of Cavings None

REMARKS:—

PRODUCING FORMATION

Name Siliceous
 Top 3438 Base 3482 No. of Feet _____
 Saturation from 3438 to 3482
 and from _____ to _____
 Feet of Open Hold between casing seat and Top of Formation 4'

REMARKS:—

PRODUCTION BEFORE ACID TREATMENT

Avg. Daily Oil Production Bbls. Not tested
 Avg. Daily Water Production, Bbls. filled up 500'
 Avg. Daily Gas Production, Cu. Ft. in 16 hrs. in
 Avg. Daily Hours Produced 8.5 casing.
 API Corr. Gravity of Oil _____
 Paraffin Conditions _____
 Remarks:— The well made about 3 gallons of water while filling up.

CASING RECORD

8.5" set at 3438 with 250 sacks cement
 ripped from _____ to _____ to produce
 _____ formation
 _____ liner, from _____ to _____ with perforations
 from _____ to _____
 Remarks:—

TUBING RECORD

_____ set at Now - well not tubed
 Length of Working Barrel _____
 Length of Gas Anchor _____
 Length of Mud Anchor _____
 Perforations from _____ to _____
 Kind of Standing Valve _____
 Packer (Kind and where set) _____
 Remarks:—

PLUGGING
 FILE SEC 11-T-16 R 174
 BOOK PAGE 5-7 LINE 27-

ACID TREATMENT

Date of Treatment 9-10-36
 Date to Start Producing 9-10-36
 Gallons of Acid _____
 Gallons of Water 500 gals. Dowell &
 Total Gallons of Solution _____
 Barrels of Oil Introduced 151
 Temperature of Solution 88 °F
 Temperature of Oil Load 88 °F
 Time to introduce Solution 20 min
 Time to introduce Oil Load 10 hrs.
 Acid Truck Used Dowell #548
 Remarks:—

Production After Acid Treatment
(Record 1st 5 days production)

DATE	BBL. OIL	BBL. WATER	HOURS PRODUCED	NET OIL RECOVERED	REMARKS
<u>9-10-36</u>	<u>184</u>	<u>0</u>	<u>10</u>	<u>55</u>	<u>swabbing</u>
<u>9-17-36</u>	<u>109</u>	<u>0</u>	<u>18</u>	<u>168</u>	<u>"</u>
<u>9-18-36</u>	<u>15</u>	<u>0</u>	<u>8</u>	<u>175</u>	<u>"</u>
<u>10-2-36</u>	<u>138</u>	<u>38</u>	<u>14</u>	<u>415</u>	<u>dumping</u>
<u>10-3-36</u>	<u>66</u>	<u>2</u>	<u>10</u>	<u>479</u>	<u>"</u>

Original to:—Production Dept., Bartlesville.
 Copies to: Production Engr., Bartlesville.
 Division Office.
 District Office.
 Acid Treater.
State Corp. Com. -
Ralph McKnight.

W. Shelton

Superintendent

Lease Foreman

Date October 5, 1936.

L. A. CHASE

Acid Treater

JACK RUTHERFORD - (Dowell)

LOG OF TREATMENT

TIME	TUBING GAUGE		CASING GAUGE		BBLs. OIL ADDED	TOTAL BBLs. OIL ADDED	REMARKS
	Inches or Vac.	Lbs. Press.	Inches or Vac.	Lbs. Press.			
	At time of treatment, the well had 1450' of oil in the hole.						
9:20			Open				Start Chemical
9:40			"				Finish chemical
10:08			"				Start oil - pumping direct from #1.
12:40			"		117	117	Hole full
1:08			0				Start oil under pressure
1:15			300		1	117	
2:00			"		1	118	
3:00			"		2	120	
4:00			"		2	122	
5:00			"		2	124	
6:12			"		2	126	
7:00			"		2	128	
8:00			"		2	131	Finish

OFFSET ACID TREATING DATA

(IF AVAILABLE)

RECEIVED
 OCT 6 1957