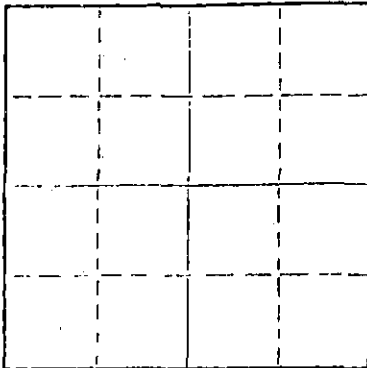


STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Barton County, Sec. 8 Twp. 20S Rge. 11W (E) (W)
Location as "NE/CNW4SW4" or footage from lines. C N/2 SW SW
Lease Owner Gulf Oil Corporation
Lease Name Bertha Howard #4 Well No. _____
Office Address Oklahoma City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed 8/15/1940 19____
Application for plugging filed 3/17/75, refiled 6/20/75 19____
Application for plugging approved 3/19/75, reapproved 6/24/75 19____
Plugging commenced 7/3/75 19____
Plugging completed 7/3/75 19____
Reason for abandonment of well or producing formation depleted.

If a producing well is abandoned, date of last production June 1970
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 Rankin
Producing formation Arbuckle Depth to top 3255' Bottom 3306' Total Depth of Well 3310' 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
				8-5/8	226	none
				5 1/2"	3290	none

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.

Pumped 25 sacks cement, 20 sacks gel and 50 sacks cement.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

JUL 15 1975

CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Kelso Casing Pulling
Address Chase, Kansas

STATE OF Kansas COUNTY OF Rice SS. R. Darrell Kelso (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) R. Darrell Kelso
Chase, Kansas 67524 (Address)

Subscribed and Sworn to before me this 7th day of July, 19 75

My commission expires _____



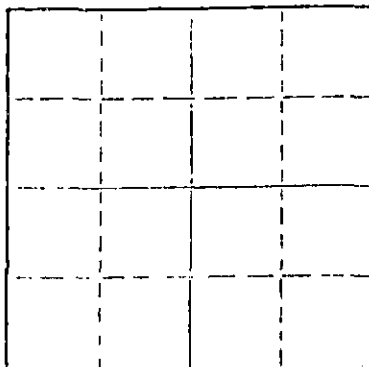
Margaret Melcher
Notary Public.

STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
P. O. BOX 17027
WICHITA, KANSAS 67217

FORM CP-4

WELL PLUGGING RECORD

NORTH



Locate well correctly on above
Section Plat

Location as "NE/CNW/SW" or footage from lines. Barton County. Sec. 8 Twp. 20S Rge. 11W(E) (W).
Lease Owner Gulf Oil Corporation
Lease Name Bertha Howard #4 Well No. _____
Office Address Oklahoma City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) _____
Date well completed _____ 19____
Application for plugging filed _____ 19____
Application for plugging approved _____ 19____
Plugging commenced 7/3/75 _____ 19____
Plugging completed 7/3/75 _____ 19____
Reason for abandonment of well or producing formation depleted.

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 Rankin
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 3310 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
				8-5/8	226	none
				5 1/2"	3290	none

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.

Pumped 25 sacks cement, 20 sacks gel and 50 sacks cement.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

JUL 9 1975
CONSERVATION DIVISION
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Kelso Casing Pulling
Address Chase, Kansas

STATE OF Kansas COUNTY OF Rice ss.
R. Darrell Kelso (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) _____

Chase, Kansas 67524
(Address)

SUBSCRIBED AND SWORN TO before me this 7th day of July, 19 75

My commission expires _____



Notary Public.

Log on the D. Howard #4

Date spudded: July 31, 1940
Date set casing: August 10, 1940
Date completed: August 15, 1940

Loc: Sec. 8-20-11
Barton County, Kansas
Gulf Oil Company

Total depth: 3306'

15.009.14392.0000

From	To	Formation	Remarks
0	70	Sand	
70	100	Shale	
100	230	Shale & shells	
230	510	Shale & shells	
510	540	Anhydrite	
540	790	Shale & shells	
790	930	Shale & shells	
930	1110	Salt	
1110	1380	Salt, shale & shells	
1380	1500	Shale & shells	
1500	1620	Shale & lime	
1620	1691	Lime-broken	
1691	1714	Sand	
1714	1725	Lime	
1725	1835	Broken lime	
1835	1940	Broken lime	
1940	2010	Broken lime	
2010	2120	Shale & shells	
2120	2215	Shale & shells	
2215	2335	Shale & shells	
2335	2435	Shale & shells	
2435	2510	Shale & shells	
2510	2575	Shale & shells	
2575	2685	Shale & shells	
2685	2750	Shale & shells	
2750	2765	Lime	
2765	2810	Lime	
2810	2890	Lime	
2890	3000	Shale & lime	
3000	3085	Shale & lime	
3085	3155	Lime	
3155	3255	Shale & lime	
3255	3290	Lime	
3290	3299	Lime	
3299	3303	Lime	
3303	3306	Lime	

RECEIVED
STATE CORPORATION COMMISSION

MAR 19 1975

CONSERVATION DIVISION
Wichita, Kansas

Subscribed and sworn to before this 17th day of August, 1940.

W. J. Laman
Notary Public

I hereby certify the attached to be a true and correct copy of the original driller(s) log of the B. Howard #4.

Coleene Little

My commission expires Nov. 30, 1940

AUG 19 1940