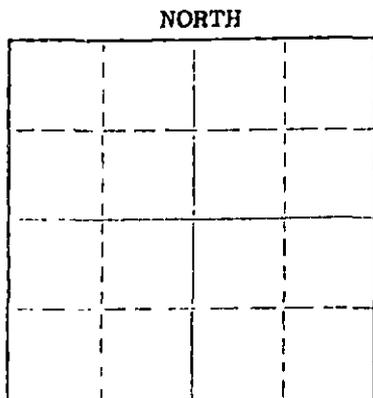


15.009.14391.0000

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

FORM CP-4

WELL PLUGGING RECORD



Barton County, Sec. 8 Twp. 20 S Rge. 11 W (E) (W)
Location as "NE/CNW&SW" or footage from lines. C N2 NW SW
Lease Owner Gulf Oil Corporation
Lease Name Bertha Howard #2 Well No. _____
Office Address Oklahoma City, Oklahoma
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 3/7 19 40
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 5/23/75 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 August 19 70
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 3250 Bottom 3290' Total Depth of Well 3306 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	235	none
				5 1/2"	3304	387'

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 5 sacks cement on bottom, pipe was parted, pulled 13 joints.
Pumped 3 sacks hulla, 25 sacks gel and 100 sacks cement.

PLUGGING COMPLETE.

RECEIVED
STATE CORPORATION COMMISSION

JUL 15 1975

CONSERVATION DIVISION
Wichita, Kansas

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) [Signature]
CHASE, KANSAS (Address)

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

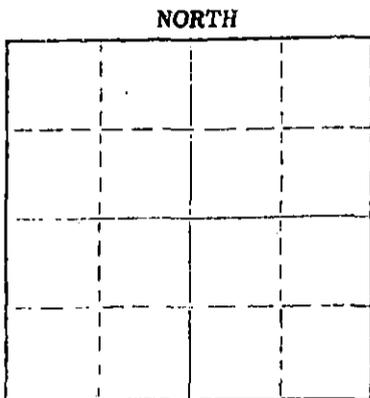
My commission expires _____


[Signature]
Notary Public.

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

FORM CP-4

WELL PLUGGING RECORD



Locate well correctly on above Section Plat

Barton County. Sec. 8 Twp. 20 Rge. 11 (E) (W)
 Location as "NE/CNWKSWK" or footage from lines. C N2 NW SW
 Lease Owner Gulf Oil Corporation
 Lease Name Bertha Howard #2 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 5/23/75 _____ 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 3306 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	235	none
				5 1/2"	3304	387'

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 5 sacks cement on bottom, pipe was parted, pulled 13 joints.
Pumped 3 sacks hulls, 25 sacks gel and 100 sacks cement.
PLUGGING COMPLETE.

(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) [Signature]
CHASE, KANSAS
 (Address)

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

My commission expires _____

 MARGARET MELCHER
 Rice County, Kas.
 My Comm. Exp. Feb. 13, 1979

[Signature]
 Notary Public.

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 STATE CORPORATION COMMISSION
 JUL 9 1975
 CONSERVATION DIVISION
 Wichita, Kansas

15.009.14391.0000

Well Log of B. Howard #2

Date spudded: February 15, 1940
Date set casing: February 26, 1940
Date completed: March 7, 1940

Loc: Sec:8-20S-11W
Barton County, Kansas
Gulf Oil Corporation

Total depth: 3306'

<u>From</u>	<u>To</u>	<u>Formation</u>	<u>Remarks</u>
0	8	Surface soil	
8	95	Sand	
95	185	Shale & shells	
185	235	Shale & Red Rock	Run 235' of 8 5/8" casing
235	450	Shale & red rock	Used 75 sacks cement
450	795	Shale & shells	
795	1060	Shale & shells	
1060	1240	Salt	
1240	1350	Shale & shells	
1350	1460	Broken lime & shale	
1460	1570	Broken lime	
1570	1655	Lime	
1655	1750	Broken lime	
1750	1840	Broken lime	
1840	1900	Lime	
1900	1995	Lime	
1995	2015	Lime	
2015	2100	Shale & shells	
2100	2215	Shale	
2215	2310	Shale & shells	
2310	2425	Shale & shells	
2425	2546	Shale & shells	
2546	2560	Shale & shells	
2560	2630	Lime	
2630	2685	Lime	
2685	2765	Lime	
2765	2810	Lime	
2810	2865	Lime	
2865	2935	Lime	
2935	2965	Lime	
2965	3015	Shale & lime	
3015	3050	Shale	
3050	3085	Lime	
3085	3150	Lime & shale	
3150	3225	Lime	
3225	3283	Lime	
3283	3291	Lime	
3291	3292	Lime	
3292	3294	Lime	
3294	3306	Lime	

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STATE CORPORATION COMMISSION

MAR 19 1940

CONSERVATION DIVISION
Wichita, Kansas

Run 3290' of 5 1/2" casing

Subscribed & sworn to before me this 15th
day of March, 1940.

Mary L. Linn
Notary Public

I hereby certify the following
to be a true and correct copy of the
original driller's log on the B.
Howard #2.

Coleman Little

My commission expires Nov. 30, 1940