STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

API NUMBER 15-169-00531-0000

LEASE NAME Norton

WELL NUMBER 2

_____ Ft. from S Section Line

_____ Ft. from E Section Line

SEC. 20 TWP. 16S RGE. 1W xx (E) or (W)

COUNTY Saline

Date Well Completed 8-13-43

Plugging Commenced 6-6-90

Plugging Completed 6-12-90

TYPE OR PRINT
NOTICE: Fill out completely and return to Cons. Div. office within 30 days.

LEASE OPERATOR Phillips Petroleum COmpany

ADDRESS Rt #3 Box 20-A Great Bend, KS. 67530

PHONE# (316) 793-8421 OPERATORS LICENSE NO. 5229

Character of Well Oil

(Oil, Gas, D&A, SWD, Input, Water Supply Well)

The plugging proposal was approved on _____ (date)

by _____ (KCC District Agent's Name).

Is ACO-1 filed? _____ If not, is well log attached? _____

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 2659'

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 3/4"	130'	none
				7"	2649'	364'

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 each set.

Sanded bottom to @2600' dumped 7 sacks cement, ran sand to 1840 dumped 7 sacks cement. Shot pipe @1523', 1426', 1227', 1080', 720', 620', 364'. Pulled 7" ran wireline went dead @230' circulated cement pulled 14 jts. Topped off well. 150 # hulls.

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

Name of Plugging Contractor KELSO CASING PULLING, INC. License No. 6050

Address P.O. Box 347 Chase, Kansas 67524

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Phillips Petroleum Company

STATE OF Kansas COUNTY OF Rice ,ss.

R. Darrell Kelso (Employee of Operator) or (Operator) of 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 that the same are true and correct, so help me God.

(Signature) Mike Fleck

(Address) P.O. Box 347 Chase, KS. 67524

SUBSCRIBED AND SWORN TO before me this 18 day of June ,19 90

Irene Herzberg
Notary Public

My Commission Expires: IRENE HERZBERG State of Kansas My Appt. Exp. Aug. 24, 1993

RECEIVED
STATE CORPORATION COMMISSION
JUN 22 1990
CONSERVATION DIVISION
WICHITA, KANSAS

Form CP-4
Revised 05-88

15-169-00531-0000

INDIVIDUAL WELL DATA SHEET

Lease Norton **Well No.** 2 **Location** NE SE NW Sec. 20-T16S-R1W Saline County, KS

Spud Date 8-13-43 **Total Depth Drilled** 2659 **ft.**

D. F. Elev. 1321'

K. B. Elev. 1322'

Casing Description		**Top of Cement**
Surf. Csg.	10 3/4" set at 130' w/85 sx	Surface
Intermediate Csg.		
Production Csg.	7", 24# Set at 2649 w/150 sx	
Liner		
PBTD	2659 TD; 1878' PBTD	

Perforations		**From**	**To**	**Formation**
Date 9-9-43	Open Hole	2649	2659	Mississippi
Date 10-31-84		1910	1912	Squeeze Holes Douglas
Date 11-6-84		1889.5	1891.5	Squeeze Holes Douglas
Date				
Date				

Stimulation Treatment		**Description**
10 3/4" csg w/85 sx cmt. 130'	**Date** 10-20-43	Acidized w/500 gals. 15% HCL
	Date 9-11-47	Acidize w/125 gals 15% HCL
7" 24# csg set w/150 sx cmt	**Date**	

1878'

Initial Potential Of Producing Zone

Date 9-9-43 **BOPD** 1004 **MCF/D** **BWPD** 20

1895

Remarks No recompletions because of bad casing in 10-84 attempt in Douglas sand 1853-58'. Logging tool could not go below 2091' during logging. Good pipe surf.-1241', bad pipe 1241-1651, good pipe 1651-2025, bad pipe 2010-2225'. Cmt. retainer set 1878'. 75 sx Class A cmt. pumped in below retainer set at 1895'.

2649'

2659' TD

MAY 24 1990