

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

FORM CP-1
Rev. 6/4/84

WELL PLUGGING APPLICATION FORM
(File One Copy)

API NUMBER Completed 11/11/50 (of this well)
(This must be listed; if no API# was issued, please note drilling completion date.)

LEASE OPERATOR Phillips Petroleum Company OPERATORS LICENSE NO. 5229 *e/q*

ADDRESS Route #3, Box 20A, Great Bend, KS 67530 PHONE # (316) 793-8421

LEASE (FARM) Nettie Unit WELL NO. 3-1 WELL LOCATION SE SE SW COUNTY Rooks

SEC. 33 TWP. 9S RGE. 17 (E) or (W) TOTAL DEPTH 3519' PLUG BACK TD 3507'

Check One:

OIL WELL GAS WELL _____ D & A _____ SWD or INJ WELL _____ DOCKET NO. _____

SURFACE CASING SIZE 8 5/8" SET AT 171 CEMENTED WITH 100 SACKS

CASING SIZE 5 1/2" SET AT 3516 CEMENTED WITH 75 SACKS

PERFORATED AT 3266-73'; 3244-48'; 3316-20'; 3396-3402'; 3414-20'; 3455-59'; 3484-88'; 3499-3502'; 3499-10'

CONDITION OF WELL: GOOD _____ POOR _____ CASING LEAK JUNK IN HOLE _____

OPERATOR'S SUGGESTED METHOD OF PLUGGING THIS WELL See Attached Procedure

(If additional space is needed use back of form)

IS WELL LOG ATTACHED TO THIS APPLICATION AS REQUIRED? Yes _____ IS ACO-1 FILED? _____
(If not, explain)

DATE AND HOUR PLUGGING IS DESIRED TO BEGIN As Soon As Possible

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-101 et seq AND THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

NAME OF COMPANY REPRESENTATIVE AUTHORIZED TO BE IN CHARGE OF PLUGGING OPERATIONS:

A. M. Wardell PHONE # (918) 434-4638

ADDRESS 510 N.W. 3rd St., Plainville, KS 67663

PLUGGING CONTRACTOR Phillips Petroleum Company LICENSE NO. 5229 *e/q*

ADDRESS Route #3, Box 20A, Great Bend KS 67530 PHONE # (316) 793-8421

PAYMENT WILL BE GUARANTEED BY OPERATOR OR AGENT SIGNED: J.W. Taylor
(Operator or Agent)

DATE: 5/18/90

State of Kansas



Kansas Corporation Commission

MIKE HAYDEN GOVERNOR
 KEITH R. HENLEY CHAIRMAN
 RICH KOWALEWSKI COMMISSIONER
 MARGALEE WRIGHT COMMISSIONER
 JUDITH McCONNELL EXECUTIVE DIRECTOR
 FRANK A. CARO, JR. GENERAL COUNSEL

THIS NOTICE

AUG 22 1990

EXPIRES

CONSERVATION DIVISION
 SHARI FEIST ALBRECHT, DIRECTOR
 200 Colorado Derby Bldg.
 202 W. 1st Street
 Wichita, KS 67202-1286
 (316) 263-3238

May 22, 1990.

NOTICE OF RECEIPT OF
 WELL PLUGGING APPLICATION

Phillips Petroleum Company
 Route #3, Box 20A
 Great Bend, KS 67530

Nettie Unit 3-1
 SE SE SW
 Sec. 33-09-17W
 Rooks County

Gentlemen:

This letter is to notify you that the Conservation Division is in receipt of your plugging proposal, form CP-1, for the above-captioned well.

Your CP-1 has been reviewed by the Conservation Division central office for completeness and to verify license numbers. The plugging proposal will now be forwarded to the district office listed below for review of your proposed method of plugging. Please contact the district office to review your proposed plugging method at least five (5) days before plugging the well.

It has recently come to my attention that the form CP-1 has been filed by operators other than the owner or operator of the well and without the consent of the owner or operator. The Conservation Division's review of form CP-1, either in the central or district office, does not include an inquiry into well ownership or the filing operator's legal right to plug the well. The CP-1 is simply reviewed to determine compliance with plugging rules and regulations.

This notice in no way constitutes authorization to plug the above-captioned well by persons not having legal rights of ownership or interest in the well. This notice is void after ninety (90) days from the above date.

Sincerely,

Shari Feist Albrecht
 Shari Feist Albrecht
 Director

District: #4 2301 E. 13th

Hays, KS 67601

(913) 628-1200

15-163-00414 -00 -00

Date: May 9, 1990
Number: 00000001

P&A Procedure for Nettie Unit #3-01

Nettie Unit No. 3-01	Procedure # 41-90
SE SW SW Sec. 33-T9S-R17W	Charge Code 80-7159
Rooks County, Kansas	Lease Code 350125
Nettie Field, Arbuckle, LKC formation	W.I. 31.65017 %
	R.I. 27.52178 %

Elevation: 2084' GL, 2086' DF, 2089' KB

Casings: 8 5/8" set @ 171' w/ 100 sx cement.

5 1/2", 15.5#, set @ 3516' w/ 75 sx cement.

TD: 3519' PBD: 3507'

Open Hole: 3516' - 3519' (Arbuckle, plugged off with cement)

Perforations: 3244-48', 3266-73', 3316-20', 3396-3402', 3414-20',
3455-59', 3484-88', 3499-3502', 3499-3510' (LKC, Simpson)

Note: Csg leak at 918' squeezed w/ 250 sx cement circ to surface in 1952.
Dakota formation sealed off with cement in 1952.
Anhydrite formation top at 1363'.
Well plugged back to 3507' w/ calseal and cement.

Objective: Plug and Abandon shut down well by filling casing with
65/35 pozmix-10% gel w/ 1/4 lb/sk flocele and 5 sx hulls.

Procedure:

1. Notify KCC representative 24 hours prior to beginning plugging operations (Hays office 628-1200).
2. Determine depth of well with wireline to verify that cement will reach the bottom of the hole. If depths below 3244' are not reached, notify office for further instructions.
3. Conduct safety meetings with all personnel involved in plugging operation. Move in and rig up casing perforators. Perforate 5 1/2" csg @ 1375'. Rig down move out perforators. Move in and rig up Well Service Unit and Cementing Company. Go in hole with work string tubing to 1400' to get below anhydrite. Pump 200 sx of 65/35 pozmix-10% gel w/ 1/4 lb/sk flocele and 5 sx hulls through tubing to fill hole below 1400'. Pull tubing up to 1200' and pump 150 sx cement. Pull out tubing, rig down and move out Well Service Unit. Swedge in 5 1/2" casing and pump in 50 sx cement. Shut in Jer pressure.
4. Rig up to 5 1/2" - 8 5/8" annulus and pump into, if possible, with 50 sx cement and shut in under pressure.

(Total calc. 5 1/2" csg volume - 480 cu. ft., 20% excess, 1.7 cu. ft/sack yield, slurry density 13 lb/gal, water requirement - 9.13 gal/sk of mix, gives ~340 sx of 65/35 pozmix-10% gel w/ 1/4 lb/sk flocele to fill casing.)

Water requirement for 450 sx cement @ 4.6 sx/bbl = 98 bbls fresh water.
5. Check fillup in casings and outside of 8 5/8" csg. If necessary, fill to surface w/ redimix.
6. Cut off casing 3' below ground level and weld on steel plate marked with "PPCo, well name, and date plugged."
7. Restore location.

LANE RADIOACTIVITY LOG WELLS

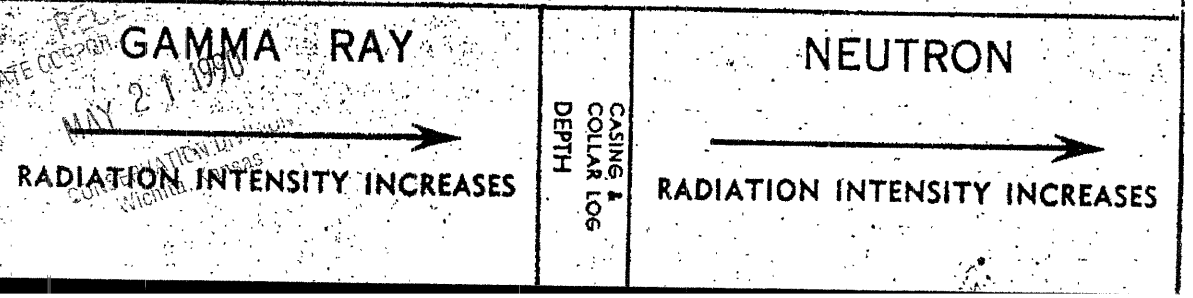
COMPANY 15-163-00414-00-00
FILE NO.

Location of Well 36-9S-17W	COMPANY: THE PALMER OIL CORP. NETTIE UNIT No. 3-1 WELL: SCHRANDT NO. 1 FIELD: NETTIE ^{RT} COUNTY: ROOKS STATE: KANSAS LOCATION: SEC. 36-9S-17W	COMPANY: THE PALMER OIL CORP. WELL: SCHRANDT NO. 1 FIELD: NETTIE COUNTY: ROOKS STATE: KANSAS LOCATION: SEC. 36-9S-17W
LOG MEAS. FROM TOP 5 1/2" CSG. COLLAR AT G. L. ELEV. 2084 P 2 DEF 1091 DRILG. MEAS. FROM KELLY BUSHING ELEV. 2089 PERM. DATUM TOP 5 1/2" CSG. COLLAR AT G. L. ELEV. 2084		

TYPE OF LOG	GAMMA-RAY	NEUTRON	
RUN NO.	1	1	
DATE	2-27-52	2-27-52	
TOTAL DEPTH (DRILLER)	3519	3519	
EFFECTIVE DEPTH (DRILLER)	3519	3519	
TOP OF LOGGED INTERVAL	3100	3100	
BOTTOM OF LOGGED INTERVAL	3512	3512	
TYPE OF FLUID IN HOLE	OIL & WTR.	OIL & WTR.	
FLUID LEVEL			
MAXIMUM RECORDED TEMP.			
NEUTRON SOURCE STRENGTH & TYPE		600 N	
SOURCE SPACING — IN.		8.25	
LENGTH OF MEASURING DEVICE — IN.	36	9	
O.D. OF INSTRUMENT — IN.	3 5/8	3 5/8	
TIME CONSTANT — SECONDS	4	4	
LOGGING SPEED FT. MIN.	35	35	
STATISTICAL VARIATION — IN.			
SENSITIVITY REFERENCE	274	275	
RECORDED BY	THOMPSON	THOMPSON	
WITNESSED BY	ALEXANDER	ALEXANDER	

RUN NO.	BIT SIZE	CASING RECORD		INTERVAL	
		CASING WT.—LB.	FROM WELL RECORD	FROM R/A LOG	TO
2		5 1/2	15 1/2 SURF.	TO 3511	TO
				TO	TO
				TO	TO
				TO	TO
				TO	TO

REMARKS OR OTHER DATA



MAY 21 1990
 THE PALMER OIL CORPORATION
 WICHITA, KANSAS