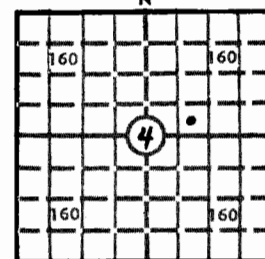


## KANSAS DRILLERS LOG

State Geological Survey  
WICHITA, BRANCHAPI No. 15 — 163 — 20483  
County NumberS. 4 T. 10 R. 17 E.  
W  
Loc. 1650 FEL 2310 FNL

County Rooks

640 Acres  
NElev.: Gr. 2081.2  
DF KB 2086.2

Operator

Phillips Petroleum Co.

Address

Box 287 - Great Bend, Kansas 67530

Well No.

Lease Name

#6-W5 Nettie Unit

Footage Location

2310

feet from (N) line

1650

feet from (E) line

Principal Contractor

Garvey Drilling Company

Geologist

Spud Date

2-07-73

Total Depth

3496

P.B.T.D.

3468

Date Completed

3-26-73

Oil Purchaser

## CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12-1/4"	8-5/8"	24 & 28	305	Regular	200	2% CC
Production	7-7/8"	5-1/2"	14	3495.61	1st Stage Common	125	20% Diacel D 10% Salt
					*2nd Stage Common	280	20% Diacel D
					*DV Collar @ 1350'		

## LINER RECORD

## PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Dresser Atlas NCF II Jet	3207-3464
Size	Setting depth	Packer set at			(Selectively) (Perforated)
2"	3462	None			

## ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 Gallons 15% Acid	3207-3254
5500 Gallons 15% Acid	3267-3464

## INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
3-26-73		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	95	0	48		
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
			3207-3464		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Phillips Petroleum Company		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. #6-45	Lease Name NETTIE UNIT	Oil
S <u>4</u> T <u>10</u> R <u>17</u> <u>W</u>		

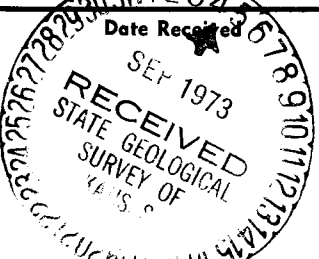
### WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Shale, Lime & Shells, Ran 8-5/8" csg @ 305	0	305		
Shale, Sand, Lime Shells	305	1323		
Anhydrite	1323	1365		
Shale & Lime	1365	2325		
Shale, Sand & Lime	2325	2910		
Lime	2910	3216	Top Toronto	3207
Lime, Ran 5 1/8" csg @ 3495.61'	3216	3496	Top LKC	3230
PBTD		3468	Ran GRN Log	3466

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

	Signature
	Title
	Date

981L