

KANSAS DRILLERS LOG

API No. 15 — 051 — 20797
County Number

Operator

Phillips Petroleum Co.

Address

Box 287 - Great Bend, Kansas 67530

Well No.

#W-04

Lease Name

Bemis Co-op Water Injection

Footage Location

111

feet from ~~250~~ (S) line

61

feet from (E) ~~250~~ line

SW/4

Principal Contractor

Garvey Drilling Company

Geologist

Spud Date

1-31-72

Total Depth

3220

P.B.T.D.

3180

Date Completed

3-29-72

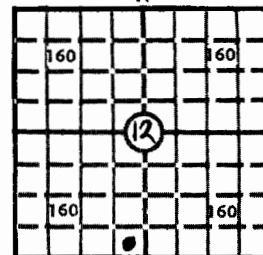
Oil Purchaser

S. 12 T. 11 R. 18~~W~~^X W

Loc. 50 N Sec SW

County Ellis

E 640 Acres
N



Locate well correctly

Elev.: Gr. 1855

DF KB 1861

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	1112	Common	250 200	20% Diacel-D 2% CC
Production	7-7/8"	5-1/2"	14	3214.26	Common	175	18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	Dresser Atlas NCF II Jets	2952'-3159'
Size	Setting depth	Packer set at			(Selectively Perftd)
2"	2912	2912			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 Gallons 15% NE Acid	3151-59
500 Gallons 15% NE Acid	3088-98
1500 Gallons 15% NE Acid	2952-78

INITIAL PRODUCTION

Date of first production 5-2-72		Producing method (flowing, pumping, gas lift, etc.) Water Input Well - 600 BWPD on Vacuum		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)			Producing interval(s) 2952' - 3159'	

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. W-04	Lease Name Bemis Coop Water Injection		Water Injection
S <u>12</u> T <u>11</u> R <u>18</u> E <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
Clay & Post Rock	0	135	
Shale	135	280	
Shale & Sand Streaks	280	1089	
Anhydrite, Ran 8-5/8" csg @ 1112	1089	1112	
Shale & Shells	1112	1605	
Shale	1605	1640	
Shale & Lime	1640	1860	
Lime & Shale	1860	2115	
Lime	2115	2967	Topeka
Lime, Ran 5 1/2" csg @ 3214.26	2967	3220	LKC
RTD		3220	Ran GRN Log
			2952
			3088
			3188 PBTD
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
SEP 1973 RECEIVED STATE GEOLOGICAL SURVEY OF KANSAS		Signature Title Date	

01018