

KANSAS DRILLERS LOG

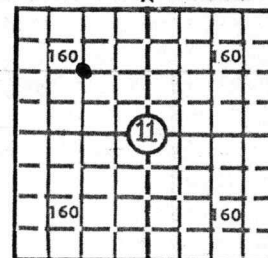
State Geological Survey
WICHITA, BRANCHS. 11 T. 26 R. 37 E
W

Loc. C NW

County Kearny

640 Acres

N



Locate well correctly

Elev.: Gr. 3065

DF KB 3073

API No. 15 — 093 — 20,197
County Number

Operator

Helmerich & Payne, Inc.

Address

Box 558 Garden City, Kansas

Well No.

#A-1

Lease Name

Hillyard

Footage Location

1320

feet from (N) (S) line

1320

feet from (E) (W) line

Principal Contractor

Service Drilling Company

Geologist

David A. Brierly

Spud Date

6/19/75

Total Depth

2840

P.B.T.D.

2840

Date Completed

9-26-75

Purchaser—Gas

Colorado Interstate Gas Co.

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 $\frac{1}{4}$ "	8-5/8"	28#	794'	Howco Lite Common	350 150	2% CaCl 3% CaCl
Production	7-7/8"	4 $\frac{1}{2}$ "	10.5#	2843	Howco Lite Common	750 100	10# Gilsomite/sack 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	DynaJet 1/2"	2782-2786
			2	" "	2754-2762
			2	" "	2734-2744

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	2827	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated with 500 gallons 15% HCl	2782-2786
Frac w/100,000 gal fresh water and 100,000# river sand	2661-2786

INITIAL PRODUCTION

Date of first production 2-17-76		Producing method (flowing, pumping, gas lift, etc.) Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil 0 bbls.	Gas 3953 MCF	Water 1.5 bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold) Sold-Colorado Interstate Gas Co.			Producing interval(s) 2661-2786 Council Grove		

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.

erator

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

Helmerich & Payne, Inc.

Well No.

A-1

Lease Name

Hillyard

Gas

S 11 T 26 R 37 W

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
Upper Krider- Limestone	2380	2400	Base Stone Corral	1825
Lower Krider- Limestone & dolomitic limestone	2400	2440	Upper Krider	2380
Winfield- Limestone & dolomitic limestone	2440	2500	Lower Krider	2402
Upper Ft. Riley- Limestone & dolomitic limestone-gas	2500	2560	Winfield	2444
Lower Ft. Riley- Limestone, dolomitic-limestone, oolitic-limestone-gas	2560	2590	Upper Ft. Riley	2492
Florence- Samples not legible	2590	2640	Lower Ft. Riley	2552
Wreford- Dolomitic limestone- gas	2640	2670	Florence	2596
Council Grove- Limestone, chalk & limestone, oolitic-limestone- Gas	2670	T.D.	Wreford	2638
			Council Grove A	2668
			B No Drlg Time	
			C	2748
			D	2768
			E	2790
			F	2806
			T.D.	2840
Logs Run:				
Gamma Ray Neutron Log				
Interval Logged 1339-2839'				

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

Date Received



Signature

District Production Superintendent

Title

3-12-76

Date

176121

Hillyard A-1

C NW 1/4 Sec 11, T26, R37W, Kearny County, Kansas

API No. 15-093-20,197

Perforation Record

Shots per ft.	Size & type	Depth Interval
2	Dynajet 1/2"	2723-2727
2	" "	2713-2717
2	" "	2703-2708
2	" "	2694-2700
"	" "	2686-2690
"	" "	2661-2677

Acid, Fracture, Shot, Cement Squeeze Record

Amount & kind of material used	Depth Interval Treated

