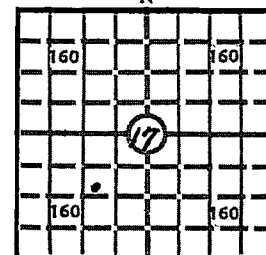


KANSAS DRILLERS LOG

API No. 15 — 055 — 20,271
County NumberS. 17 T. 26 R. 34 E
W
Loc. 1550' FWL & 1500' FSL

County Finney

640 Acres
N

Locate well correctly

Elev.: Gr. 2994

DF 2997 KB 2999

Operator

Helmerich & Payne, Inc.

Address

P. O. Box 558 Garden City, Kansas 67846

Well No.

#1

Lease Name

Yeiser "A"

Footage Location

1500 feet from ~~XXX~~ (S) line 1550 feet from ~~XXX~~ (W) line

Principal Contractor

Gabbert - Jones, Inc.

Geologist

Joseph Blair

Spud Date

12-8-77

Total Depth

2947

P.B.T.D.

2920'

Date Completed

2-8-78

Oil 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 1/4"	8 5/8"	28#	807'	35-65 Pozmix	350	6% Gel, 290 CaCl2
					Class H	150	3% CaCl2
Production	7 7/8"	5 1/2"	14#	2946'	35-65 Poz	575	1/4# P/sk 0-27 6% Gel
					50-50 Poz	100	2% gel, 18% salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
None		

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			2	1/2" Omega Jet	2928-2936
			2	1/2" Omega Jet	2899-2907
			2	1/2" Omega Jet	2882-2892

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2908	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

See continuation

Amount and kind of material used	Depth interval treated
750 gal 15% HCl	2928-2936
Set retainer @ 2920, Squeezed w/100 sk Class H	2928-2936
750 gal 15% HCl	2899-2907

INITIAL PRODUCTION

See continuation

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
4-6-78					
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	0	2030	31		
	bbls.	MCF	bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval (s)		
Sold - Colorado Interstate Gas Company			2803-2907 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.

Operator Helmerich & Payne, Inc.		DESIGNATE TYPE OF COMPLETION: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas Well		
Well No. 1	Lease Name Yeiser "A"			
S <u>17</u> T <u>26S</u> R <u>34</u> ^{KX} _W				
WELL LOG			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.				
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Herrington - Dolomite - Gas & Water	2513	2574	Base Stone	1896
Winfield - Dolomite - Gas & Water	2574	2634	Corral	
Ft. Riley - Dolomite - Gas & Water	2634	2742	Herrington	2513
Wreford - Limestone & Dolomite - Gas & Water	2770	2796	Winfield	2574
Council Grove - Limestone & Shale, Gas & Water	2796	2947	Ft. Riley	2634
			Florence	2742
			Wreford	2770
			Council Grove	2796
TD	2947		TD	2947
No cores or Drill Stem tests			Gamma Ray - Neutron Log	1500-2947
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.				
Date Received	 Signature Title District Production Superintendent Date December 1, 1978			

8LE0HL

17-26-34w

Kansas Drillers Log Page 2

Operator	Type of completion
Helmerich & Payne, Inc.	Gas Well
Well No.	Lease Name
1	Yeiser "A"

S17 T26S R 34 W

Perforation Record

Shots per ft.	Size & Type	Depth Interval
2	1/2" Omega Jet	2860-2868
2	1/2" Omega Jet	2822-2838
2	1/2" Omega Jet	2812-2818
2	1/2" Omega Jet	2803-2806

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth Interval treated
Spearhead w/3500 gal 15% HCl	2803-2907
Frac w/110,000 gal slick water and 170,000#	2803-2907
16-30 river sand	