

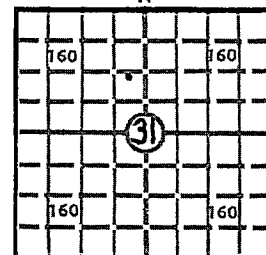
KANSAS DRILLERS LOG

API No. 15 — 055 — 20,309
County Number

S. 31 T. 26 R. 34 W

Loc. 2210' FWL & 1370' FNL NW

County Finney

640 Acres
N

Locate well correctly

Elev.: Gr. 3023

DF 3026 KB 3028

Operator

Helmerich & Payne, Inc.

Address

P. O. Box 558 Garden City, Kansas 67846

Well No.

#1

Lease Name

Curry "A"

Footage Location

1370' feet from (N) (S) line

2210' feet from (E) (W) line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Joseph G. Blair

Spud Date

6/29/78

Total Depth

3012'

P.B.T.D.

2922'

Date Completed

8/29/78

Oil Purchaser

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"	24#	815'	Howcolite Class H	350 150	2%CaCl ₂ , 1/4#/sk Flocele 3%CaCl ₂
Production	7 7/8"	5 1/2"	14#	3011'	Howcolite 50-50 Pozmix	575 100	1/4#/sk Flocele 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
			2	1/2" Omega Jet	2994-2999'
			2	1/2" Omega Jet	2959-2968'
			2	1/2" Omega Jet	2934-2946'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2915'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal. 15% HCl w/20 ball sealers	2994-2999'
Squeeze w/100 sx Class H Retainer set @ 2986'	2994-2999'
750 gal. 15% HCl w/36 ball sealers	2959-2968'

INITIAL PRODUCTION

SEE ATTACHED CONTINUATION

Date of first production Producing method (flowing, pumping, gas lift, etc.)

Flowing

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	0 bbls.	1354 MCF	25 bbls.	CFPB

Disposition of gas (vented, used on lease or sold)

Sold-Colorado Interstate Gas Co.

Producing interval (s)

2906-2916', 2888-2892', 2876-2880'

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 COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Gas Well

Well No. 1 Lease Name Curry "A"

S 31 T 26 S R 34 W XEX

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
Sand-shale	0	820	Herrington	2562'
Shale-sand	820	2442	Winfield	2626'
Shale-lime	2442	3012	U. Ft. Riley	2680'
TD	3012'		L. Ft. Riley	2738'
			Wreford	2824'
			Council Grove	2842'
			"A" zone	2858'
			"B" zone	2908'
			"C" zone	2922'
			"D" zone	2949'
			"E" zone	2961'
			"F" zone	2980'
			TD	3012'
		Gamma Ray	1500-3008'	
		Neutron Log		

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

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Date Received 22
Signature W.E. Spencer
District Production Superintendent
Title
August 18, 1978
Date

31-26-34w

CURRY "A" #1, Continuation

PERFORATION RECORD

SHOTS PER FOOT	SIZE & TYPE	DEPTH INTERVAL
2	1/2" Omega Jet	2906-2916'
2	1/2" Omega Jet	2888-2892'
2	1/2" Omega Jet	2876-2880'

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	DEPTH INTERVAL
Squeezed w/150 sx Class H Retainer @ 2952'	2959-2968'
750 gal. 15% HCl w/48 ball sealers	2934-2946'
Squeezed w/100 sx Class H Retainer @ 2922'	2934-2946'
Spearhead w/2500 gal. 15% HCl w/80 ball sealers	2876-2916'
Frac w/105,000 gal. gelled water & 50,000# 20-40 sand and 50,000# 10-20 sand	2876-2916'