

State Geological Survey

WICHITA BRANCH

15-055-20270

KANSAS DRILLERS LOG

API No. 15 — 055 — 20,270
County Number

Operator

Helmerich & Payne, Inc.

Address

P.O. Box 558 Garden City, Kansas 67846

Well No.

Lease Name

1

Carlton "B"

Footage Location

1320 feet from (N) ~~(S)~~ line 1420 feet from (E) ~~(W)~~ line

Principal Contractor

Gabbert-Jones, Inc.

Geologist

Joseph G. Blair

Spud Date

9/24/77

Total Depth

2990'

P.B.T.D.

2988

Date Completed

2/14/78

Oil Purchaser

Colorado Interstate Gas Co.

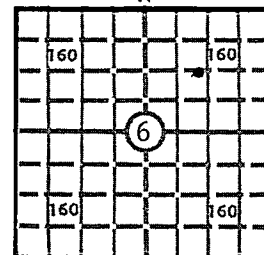
S. 6 T. 26 R. 34 $\frac{N}{W}$

Loc. 1320' FNL & 1420' FEL NE

County Finney

640 Acres

N



Locate well correctly

Elev.: Gr. 3012

DF 3015 KB 3017

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#	804'	35-65 Pozmix Class H	350 150	6%gel, 2%CaCl 3%CaCl
Production	7 7/8"	5 1/2"	14#	2989'	35-65 Pozmix 50-50 Pozmix	575 100	1/4#/skD-29, 6%gel 2%gel, 18%salt

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
None		

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
2	1/2" Omega Jet	2945-2950'
2	1/2" Omega Jet	2918-2922'
2	1/2" Omega Jet	2898-2904'

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	2975'	None

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

SEE ATTACHED CONTINUATION

Amount and kind of material used	Depth interval treated
500 gal. 15% HCl w/14 ball sealers	2945-2950'
Spearhead w/3500 gal. 15% HCl w/140 ball sealers	2818-2950'
Frac w/121,800 gal. slick water & 170,000# 16-30 sand	2818-2950'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
4/6/78		Flowing			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	-0- bbls.	2076 MCF	24 bbls.	CFPB	

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

Sold-Colorado Interstate Gas Co.

Producing interval (s) 2945-50', 2918-22',
2898-2904', 2878-85', 2846-54', 2837-42',
2830-33', 2818-22'

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 Carlton "B"	
S 6 T 26S R 34 XX 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
Sand-shale	0	910	Base Stone Corral	1922'
Redbed-shale	910	1665	Herrington	2534'
Sand-shale	1665	2207	Winfield	2594'
Shale-lime	2207	2374	Ft. Riley	2652'
Shale w/lime streaks	2374	2528	Florence	2754'
Lime	2528	2990	Wreford	2786'
TD	2990'		Council Grove	2811'
			DTD	2990'
			LTD	2968'
			Gamma Ray Neutron Log	1500-2966'

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

Date Received	 Signature District Production Superintendent Title August 18, 1978 Date
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6-26-34w

CARLTON "B" #1, Continuation

PERFORATION RECORD

SHOTS PER FOOT	SIZE & TYPE	DEPTH INTERVAL
2	$\frac{1}{2}$ " Omega Jet	2878-2885'
2	$\frac{1}{2}$ " Omega Jet	2846-2854'
2	$\frac{1}{2}$ " Omega Jet	2837-2842'
2	$\frac{1}{2}$ " Omega Jet	2830-2833'
2	$\frac{1}{2}$ " Omega Jet	2818-2822'