

KANSAS

WELL COMPLETION REPORT AND
DRILLER'S LOGAPI No. 15 — 083 — 20,782
County Number

Operator

Buttonwood Petroleum, Inc.

Address

Box 1869, Liberal, Kansas 67901

Well No.

1

Lease Name

DIXON

Footage Location

2020 feet from (N) ~~X3~~ line 2010 feet from (E) ~~W4~~ line

Principal Contractor

Freeman Drilling Company

Geologist

Spud Date

11-11-80

Date Completed

11-22-80

drlg

Total Depth

4675'

P.B.T.D.

4623'

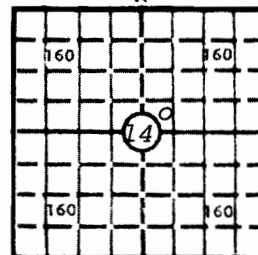
Directional Deviation

Oil and/or Gas Purchaser

S. 14 T. 22S R. 23 W

Loc. 2020' FNL&630' FWL of NE/4

County Hodgeman

640 Acres
N

Locate well correctly

Elev.: Gr. 2311

DF 2319 KB 2323

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"	20#	463'	common	250	2%gel, 3%cc
production	7 7/8"	4 1/2"	10.5#	4675'	common 50/50 pozmix	50 150	8%gel, 10%salt 18%salt, .75%Lompa D

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2 spf	.38 DML	4561-4567
TUBING RECORD			2 spf	.38 DML	4570-4573
Size	Setting depth	Packer set at			

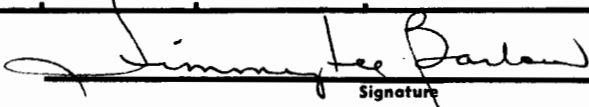
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gallons MOD 101	4561-4573
1200 gallons of 15% gelled acid with 1000 scf/bbl nitrogen	

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
12-29-81		pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	2 bbls.	- MCF	40 bbls.	- CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
-			4561-4573 OSWEGO		

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, 245 No. Water, Wichita, Kansas 67202. 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 Buttonwood Petroleum, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: dry hole	
Well No. 1	Lease Name DIXON		
S 14 T 22S R 23 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
Shale Lime & Shale		2891 4675RTD	
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	<div style="text-align: center;">  Signature Agent/Buttonwood Petroleum, Inc. Title February 24, 1981 Date </div>		

KANSAS DRILLERS LOG

State Geological Survey
WICHITA BRANCH
LOC. 2055' FNL & 2005' FEI

COMPANY Buttonwood Petroleum, Inc.

FARM Dixon NO. 1

COUNTY Hodgeman

ROTARY TOTAL DEPTH 4,675'

COMM. November 11, 1980 COMP. November 22, 1980

CONTRACTOR Freeman Drilling (Rig #1)

ISSUED December 4, 1980

CASING

10 3/4"

8 5/8" Set at 463' cemented w/250 sxs cement

ELEVATION 2,323' K.B.

5 1/2"

4 1/2" Set at 4,674' cemented w/200 sxs cement

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale

2,891'

Lime and Shale

4,675'

Rotary Total Depth

4,675'

I hereby certify the above and foregoing to be
a true and correct log of the above described
well as shown by the drilling reports.

Freeman Drilling Company

Dean Britting
Dean Britting

State of Kansas)
County of Sedgwick) ss:

Subscribed and Sworn to before me a Notary Public
in and for said county and state this 4th day of
December, 1980.

Elsie Willison
Elsie Willison - Notary Public

My Commission Expires:

July 25, 1982