

STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Hodgeman County. Sec. 13 Twp. 21S Rge. 23 E/W
Location as "NE/CNW $\frac{1}{4}$ /SW $\frac{1}{4}$ " or footage from lines
C NW NW

Lease Owner Buttonwood Petroleum, Inc.
Lease Name HAYS Well No. 1

Office Address Box 1869, Liberal, Kansas 67901

Character of Well (Completed as Oil, Gas or Dry Hole) _____
dry hole

Date Well completed 11-10 19 80

Application for plugging filed 1-26 19 81

Application for plugging approved 1-28 19 81

Plugging commenced 2-2 19 81

Plugging completed 2-6 19 81

Reason for abandonment of well or producing formation _____
dry hole

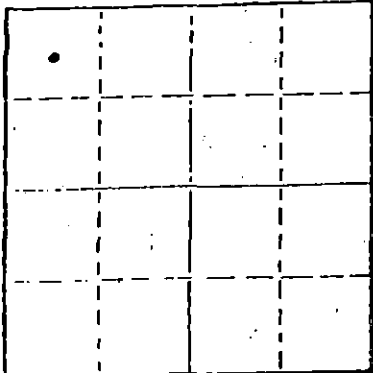
If a producing well is abandoned, date of last production _____
N/A 19 _____

Was permission obtained from the Conservation Division or its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Clarence Thomas

Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well 4597'

Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above Section Plat

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	467'	none
				4 1/2"	4592'	2792'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hold. If cement or other plugs were used, state the character of same and depth placed, from _____ feet to _____ feet for each plug set.

Pumped 20 sacks of cement from 4515' to 4300'; pumped 50 sacks of cement from 900' to 800'; pumped 35 sacks of cement from 480' to 380'; put 10 sacks of cement from 40' to 0'
Cut off and capped 8 5/8" surface pipe 3' below ground level.

STATE RECEIVED
MISSION
FEB 25 1981
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Sargent's Casing Pulling Service, Box 506, Liberal, KS #511

STATE OF KANSAS COUNTY OF SEWARD, ss.

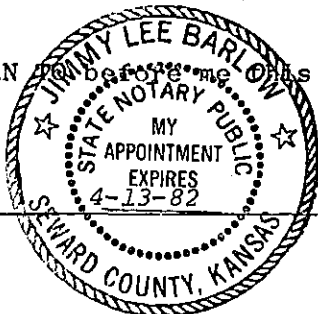
C. E. Smith (employee of owner) or (~~XXXXXXXXXXXXXXXXXX~~)
of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) C. E. Smith Agent
Box 1869, Liberal, Kansas 67901

(Address)

SUBSCRIBED AND SWORN to before me this 24th day of February, 19 81

My commission expires _____



Jimmy Lee Barlow
Notary Public.

KANSAS DRILLERS LOG

COMPANY Buttonwood Petroleum, Inc.

SEC. 13 T. 21 R. 22
LOC. C NW NW

FARM Hays NO. 1

COUNTY Hodgeman

ROTARY TOTAL DEPTH 4,597'
COMM. October 27, 1980 COMP. November 10, 1980
CONTRACTOR Freeman Drilling Company (Rig #1)
ISSUED November 20, 1980

RECEIVED NOV 24 1980

CASING

10 3/4"
8 5/8" Set at 467' cemented w/225 sxs cement ELEVATION 2300' K.B.
5 1/2"
4 1/2" Set at 4,592' cemented w/200 sxs cement

FIGURES INDICATE BOTTOM OF FORMATIONS

Shale	1,520'
Lime and Shale	1,986'
Shale	2,254'
Lime and Shale	2,488'
Shale	3,083'
Shale and Lime	3,245'
Shale	3,370'
Lime and Shale	3,592'
Shale and Lime	3,784'
Lime and Shale	4,597'
Rotary Total Depth	4,597'

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

H-30, INC.

Dean Britting
Dean Britting

State of Kansas)
County of Sedgwick) SS:

RECEIVED
STATE NOTARY COMMISSION

Subscribed and Sworn to before me a Notary Public
in and for said county and state this 20th day of
November, 1980. Wichita, Kansas

Elsie Willison
Elsie Willison - Notary Public

My Commission Expires:
July 25, 1982

SAS

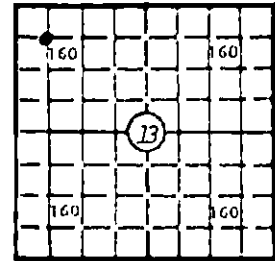
**WELL COMPLETION REPORT AND
DRILLER'S LOG**

S. 13 T. 21S R. 23 ^XW

Loc. C NW NW

County Hodgeman

640 Acres
N



Locate well correctly

Elev.: Gr. 2288

DF 2292 KB 2300

API No. 15 — 083 — 20,769 - 0000
County Number

Operator
Buttonwood Petroleum, Inc.

Address
Box 1869, Liberal, Kansas 67901

Well No. 1 Lease Name HAYS

Footage Location
660 feet from (N) line 660 feet from (W) line

Principal Contractor Freeman Drilling Company Geologist

Spud Date 10-27-80 Date Completed 11-10-80 Total Depth 4597' P.B.T.D. 4536'

Directional Deviation Oil and/or Gas Purchaser

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 1/2"	8 5/8"	20#	467'	common	225	2%gel, 3%cc
Production	7 7/8"	4 1/2"	10.5#	4592'	class H 50/50 pozmix	50 150	8%gel 18%salt, .75%CFR-2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			6 holes total	.38 DML	4512-4515

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 15% gelled acid with nitrogen	4512-4515
1000 gal 15% NE acid	"

INITIAL PRODUCTION

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

RATE OF PRODUCTION PER 24 HOURS Oil Gas Water (G/Gal) ratio
bbls. MCF bbls. CFPB

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

STATE RECEIVED
FEB 27 1981
CONSERVATION DIVISION
Wichita, Kansas

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 an 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 HAYS

S 13 T 21 S R 23 ^{EX}
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
Shale		1520		
Lime & Shale		1986		
Shale		2254		
Lime & Shale		2488		
Shale		3083		
Shale & Lime		3245		
Shale		3370		
Lime & Shale		3592		
Shale & Lime		3784		
Lime & Shale		4597RTD		

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

Date Received	 Signature Agent/Buttonwood Petroleum, Inc. Title February 24, 1981 Date
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