

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

Meade County. Sec. 4 Twp. 33 S Rge. 30 E/W xx
Location as "NE/CNW SW 1/4" or footage from lines _____

SE NE NE
Lease Owner Buttonwood Petroleum, Inc.
Lease Name RICHARDSON Well No. 2

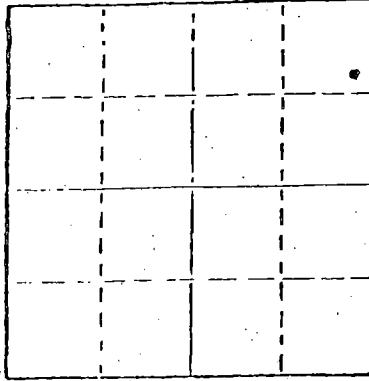
Office Address P.O. Drawer 1869 Liberal, Kansas
Character of Well (Completed as Oil, Gas or Dry Hole) _____
Dry Hole

Date Well completed 9-18 1980
Application for plugging filed _____ 19____
Application for plugging approved 9-18 1980
Plugging commenced 9-18 1980
Plugging completed 7:00 AM on 9-18 1980
Reason for abandonment of well or producing formation _____

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

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, Garden City, KS
Producing formation N/A Depth to top _____ Bottom _____ Total Depth of Well _____
Show depth and thickness of all water, oil and gas formations.



Locate well correctly on above Section Plot

OIL, GAS OR WATER RECORDS _____ CASING RECORD _____

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8-5/8"	1521'	

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.

Well plugged as follows with 50/50 poz.

- 60 sacks @ 1550'
- 25 sacks @ 750'
- 10 sacks @ 40-0'
- 5 sacks in rat hole
- 5 sacks in mouse hole

cut off surface pipe and welded on ID cap-

(If additional description is necessary, use BACK of this sheet)

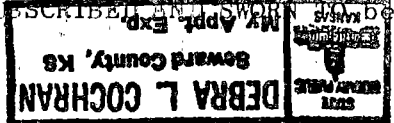
Name of Plugging Contractor Halliburton, Liberal, Kansas

STATE OF Kansas COUNTY OF Seward, ss.

C. E. Smith, Agent (employee of owner) or (owner or operator) 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.

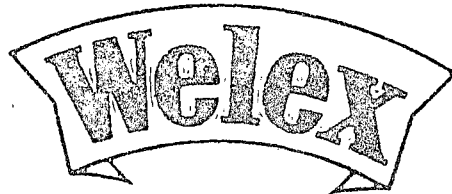
(Signature) C. E. Smith
C. E. Smith P.O. Drawer 1859 Liberal, KS
(Address)

SUBSCRIBED AND SWORN before me this 19th day of September, 1980



Debra L. Cochran
Debra L. Cochran Notary Public.

My commission expires 12-7-82



DUAL INDUCTION GUARD LOG

COMPANY
 WELL
 FIELD
 County
 State

COMPANY BUTTONWOOD PETROLEUM INC.

WELL RICHARDSON #2

FIELD BRIND N.E.

COUNTY MEADE STATE KANSAS

Location 33S-30W Other Services CDL-N

Sec 33S Twp 30W

Permanent Datum GROUND LEVEL Elev 2732'
 Log Measured From KELLY BUSHING 11' Ft Above Perm. Datum Elev K.B. 2743'
 Drilling Measured From KELLY BUSHING D.F. GL 2732'

Date	9-17-80			
Run No	ONE			
Depth - Driller	5264'			
Depth - Welex	5774'			
Btm Log Inter	5774'			
Top Log Inter	1530'			
Casing - Driller	8 7/8" @ 1530'			
Casing - Welex	1530'			
Bit Size	7-7/8"			
Type Fluid in Hole	W.B. MUD CHEMICALS			
Dens 1 Visc.	9.1 170			
pH 1 Fluid Loss	11. 16.6 ml			
Source of Sample	FLOW LINE			
R _{int} @ Meas Temp	1.15 @ 70°F	@	@	@
R _{int} @ Meas Temp	0.92 @ 70°F	@	@	@
R _{int} @ Meas Temp	1.62 @ 70°F	@	@	@
Source R _{int} R _{int}	MEAS. 1 MEAS.	@	@	@
R _{int} @ BIT	.64 @ 125°F	@	@	@
Time Since Circ	4 HRS.			
Max Floe Temp	125 F @ 5720'	@	@	@
Equip 1 Location	0687 LIB.	@	@	@
Recorded By	R.L. SALLEY	@	@	@
Witnessed By	MR. BURROUGHS	@	@	@
	C.T. HOWERTON	@	@	@