

STATE OF KANSAS
STATE CORPORATION COMMISSION

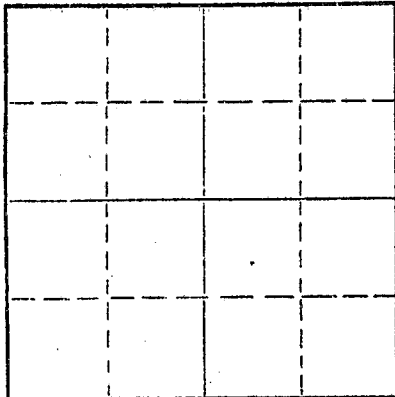
Form CP-4

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
P. O. Box 17027
Wichita, Kansas 67217
NORTH

WELL PLUGGING RECORD

Graham County, Sec. 32 Twp. 8 Rge. 24 (E) (W) X

Location as "NE/CNW/SW" or footage from lines. SE SW SW
Lease Owner Petroleum Management Inc.
Lease Name Keith B Well No. #4
Office Address Box 922, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole)
Date well completed 19
Application for plugging filed 3-23-72 19
Application for plugging approved 19
Plugging commenced 4-10-72 19
Plugging completed 4-11-72 19
Reason for abandonment of well or producing formation



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production 19
Was permission obtained from the Conservation Division or its agents before plugging was commenced?

Name of Conservation Agent who supervised plugging of this well W. L. Nichols
Producing formation Depth to top Bottom Total Depth of Well 3985' Feet
Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				5 1/2"	3985'	1223.97'
				8 5/8"	215'	

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 hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Made bottom hole plug back with sand to 3750'. Mixed and ran 5 sacks cement thru dump bailer.
Pump 5 sacks hulls - 30 sacks gel - 120 cu. ft. cement 50-50 plus 4% gel.

RECEIVED
STATE CORPORATION COMMISSION
APR 19 1972
4-19-72
CONSERVATION DIVISION
Wichita, Kansas

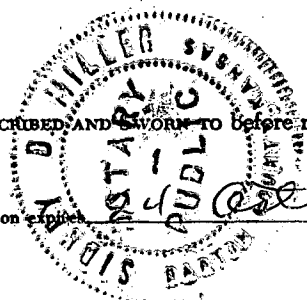
(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Southwest Casing Pulling Co.
Address Box 364 Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.
Southwest Casing Pulling Co. (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) W. C. Spencer Sec.
Box 364 Great Bend, Kansas
(Address)

SUBSCRIBED AND SWORN TO before me this 18 day of April, 1972

My commission expires



Sidney D. Miller
Notary Public.



15-065-02760-00-00

Halliburton

OIL WELL CEMENTING COMPANY
DUNCAN, OKLAHOMA

RADIATION — GUARD

Natural Gamma Radiation — Induced Gamma Radiation — Focused Resistivity

COMPANY IMPERIAL OIL OF KANSAS, FANC. # 4 WELL KEITH "B" # 4 FIELD Holley West County Graham State Kansas	COMPANY IMPERIAL OIL OF KANSAS	Location
	INC. FILE	
	WELL ⁹ KEITH "B" # 4	SE-SW-SW
	FIELD Holley West	
	COUNTY Graham STATE Kansas	
SEC. 32 TWP. 8S RGE. 24W	Elev. D.F. 2444'	
SURVEY	K.B. 2447'	
	Grd. 2442'	

Log Measured From	Kelly Bushing	Elevation	2447'
Drilling Measured From	" "	Elevation	2447'
Permanent Datum	Ground Level	Elevation	2442'

Type Log	GAMMA	NEUTRON	GUARD
Run No.	One	One	One
Date	6-1-57	6-1-57	5-28-57
Type of Fluid in Hole	None	None	Mud
Fluid Level	None	None	Full
Neutron Source Strength		400mg	
Source to Bottom of Counter	106"	12"	
Length Meas. Device—in.	28"	14"	
O.D. of Instrument—in.	3-5/8"	3-5/8"	3-7/8"
Time Constant sec.	2	2	
Logging Speed Ft. min.	See Logging Speed Indication on Left Side of Log.		
Mud — Kind			Water Base
Treatment			Oil & starch
Weight			9.8
Viscosity			43
ph	@ °F	@ °F	6.8 @ °F
Loss ml./min.	@ °F	@ °F	9cc @ °F
Res. Ohm m ² /m	@ °F	@ °F	.94 @ 81 °F
Max. Temp.	°F	°F	.71 @ 110 °F
Source Mud Sample			Pit

RECEIVED 3-24-1972
 CONSERVATION DIVISION
 WICHITA, KANSAS

CASING RECORD	SIZE — IN.	WT. — LB.
One	8-5/8"	--
	5-1/2"	--

OPEN HOLE RECORD	BIT-SIZE-IN	INTERVAL
	12-1/4"	0 TO 215'
	7-7/8"	215' TO 3985'
		TO
		TO
		TO

REMARKS: — NOT AVAILABLE

TRUCK # 4176, 4812, 5128, 5139
TOOL # 6047 & 2058

RECORDED BY L. Weathers & L. Deines
WITNESSED BY M. Cook & M. Krier

GAMMA	NEUTRON — GAMMA	GUARD
COUNTS PER SECOND	COUNTS PER SECOND	RESISTIVITY OHMS M ² /M
110	450	0
110	950	0
	950	50
	1450	500

INDICATION OF LOGGING SPEED
 FEET PER MINUTE
 POTENTIAL-MILLIVOLTS
 = (10) +

INDICATION OF POROSITY