

STATE OF KANSAS  
STATE CORPORATION COMMISSION  
200 Colorado Derby Building  
Wichita, Kansas 67202

WELL PLUGGING RECORD  
K.A.R.-82-3-117

API NUMBER 15-135-20809-00-00

LEASE NAME Hopkins #1

WELL NUMBER \_\_\_\_\_

SPOT LOCATION C (SE) NE

SEC. 6 TWP. 17s RGE. 25w (E) or (W)

COUNTY Ness

Date Well Completed \_\_\_\_\_

Plugging Commenced 1/15/86

Plugging Completed 1/17/86

LEASE OPERATOR Thunderbird Drilling Co.

ADDRESS 7701 E. Kellogg #780, Box 18407, Wichita, Ks. 67218

PHONE # (316) 685-1441 OPERATORS LICENSE NO. 5131

Character of Well \_\_\_\_\_  
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? Yes

Which KCC/KDHE Joint Office did you notify? Dodge City

Is ACO-1 filed? \_\_\_\_\_ If not, is well log attached? \_\_\_\_\_

Producing formation \_\_\_\_\_ Depth to top \_\_\_\_\_ bottom \_\_\_\_\_ T.D. 4502'

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
				8 5/8	202'	none
				5 1/2"	4484'	none

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 each set.

No pipe recovery. Plugged bottom with sand to 4430' & 5 sacks cement. Shot pipe at 2013', 1705', 1519', 1211', & 1026'. Plugged well with 10 gel, & 150 sacks cement 6% gel 4% c.c.

Plugging complete.

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

Name of Plugging Contractor Kelso Casing Pulling License No. 6050  
Address Box 347, Chase, Ks. 67524

STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso

(employee of operator) or

(operator) of 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 that the same are true and correct, so help me God.

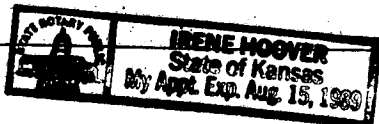
(Signature) R. Darrell Kelso

(Address) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 21st day of January, 19 86

[Signature]  
Notary Public

My Commission expires:



JAN 23 1986

CONSERVATION DIVISION

Form CP-4  
Revised 01-84

5 1/2" CSG @ 4484 w/ 100 SAX.  
 15-135-70809-00-00

# GREAT GUNS

R. Q. Guard Log

FILE NO.	COMPANY <i>Thunderbird Drilling Co</i>	
	WELL <i>No. 1 Hopkins</i>	
	FIELD	
	COUNTY <i>Ness</i>	STATE <i>KANSAS</i>
LOCATION: <i>C-SW-NE</i> <i>C-SW-NE</i>		OTHER SERVICES
SEC <i>6</i> TWP <i>17<sup>s</sup></i> RGE <i>25<sup>w</sup></i>		

Permanent Datum <i>Ground level</i>	Elev. <i>2550</i>	Elevations:
Log Measured from <i>Kelly Pushing 5 Ft. Above Permanent Datum</i>		KB <i>2555</i>
Drilling Measured from <i>Kelly Pushing</i>		DF <i>2552</i>
		GL <i>2550</i>

Date	Gamma	Neutron	Guard	Caliper
<i>11-18-73</i>	<i>Gamma</i>	<i>Neutron</i>	<i>Guard</i>	<i>Caliper</i>
Run No.	<i>0 MC</i>	<i>0 MC</i>	<i>0 MC</i>	<i>0 MC</i>
Depth-Driller	<i>4509</i>	<i>4509</i>	<i>4509</i>	<i>4509</i>
Depth-Logger	<i>4502</i>	<i>4502</i>	<i>4502</i>	<i>4502</i>
Best Logged Interval	<i>4501</i>	<i>4501</i>	<i>4497</i>	<i>4490</i>
Top Logged Interval	<i>00</i>	<i>00</i>	<i>3600</i>	<i>3600</i>
Coring - Driller	<i>25 @</i>	<i>@</i>	<i>@</i>	<i>@</i>
Coring - Logger				
Bit Size	<i>7 1/8</i>			
Type Fluid in Hole	<i>starch mud</i>			
Density and Viscosity	<i>10 54</i>			
pH and Fluid Loss	<i>6.8 8 cc</i>			
Source of Sample	<i>Pit</i>			
Rm @ Meas. Temp.	<i>.2 @ 70 °F</i>	<i>@ °F</i>	<i>@ °F</i>	<i>@ °F</i>
Rmf @ Meas. Temp.	<i>.16 @ 70 °F</i>	<i>@ °F</i>	<i>@ °F</i>	<i>@ °F</i>
Rmc @ Meas. Temp.	<i>.31 @ 70 °F</i>	<i>@ °F</i>	<i>@ °F</i>	<i>@ °F</i>
Source of Rmf and Rmc	<i>Chart</i>			
Rm @ BHT	<i>.12 @ 115 °F</i>	<i>@ °F</i>	<i>@ °F</i>	<i>@ °F</i>
Time Since Circ.	<i>8 Hours</i>			
Max. Rec. Temp. Deg. F	<i>115 °F</i>			
Equip. No. and Location	<i>19 Hays</i>			
Recorded By	<i>Fred Barber + Bob Grant</i>			
Witnessed By	<i>Mr. Filson</i>			

JAN 9 1974  
 CONSERVATION DIVISION  
 Wichita, Kansas