

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

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

API NUMBER 15-009-23,491 0080

LEASE NAME Hitschmann Estate

WELL NUMBER 11

SPOT LOCATION SE NE SW

SEC. 32 TWP. 16 RGE. 11 KKX or (W)

COUNTY Barton

Date Well Completed 4-11-84

Plugging Commenced 4-11-84

Plugging Completed 4-11-84

LEASE OPERATOR National Cooperative Refinery Assoc.

ADDRESS 1580 Lincoln St., Suite 410 Denver, CO 80203

PHONE # (303) 861-4883 OPERATORS LICENSE NO. _____

Character of Well D&A
(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? Marion Schmidt
to be filed by _____

Is ACO-1 filled? operator If not, is well log attached? yes

Producing formation _____ Depth to top _____ bottom _____ T.D. 3345

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

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.

Bottom Plug: 3300' w/25 sacks 50/50 pozmix 4% gel 3% cc. thru drill pipe
Next Plug: @ 750' w/25 " " " " " " " "
Next Plug: @ 570' w/80 sacks " " " " & 1 sack Cello Flake thru drill pipe
Next Plug: @ 240' w/40 sacks " " " " thru drill pipe
Top Plug: @ 40' w/solid bridge of 1/2 sack hulls and 10 sacks cement 10 sacks in Rat Hole
 (If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929
Address P.O. Box 823 Great Bend, KS 67530

STATE OF Kansas COUNTY OF Barton, ss.

Bill Draney (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) Bill Draney

(Address) P.O. Box 823 Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this April day of 1984

Dorothy M. Waage
Notary Public

My Commission expires: 4-29-86

RECEIVED
STATE CORPORATION COMMISSION

APR 18 1984
4-18-84
CONSERVATION DIVISION
Wichita, Kansas

DRILLER'S WELL LOG

DATE COMMENCED: April 6, 1984
DATE COMPLETED: April 11, 1984

National Cooperative Refinery
Association
HITSCHMANN ESTATE #11
SE NE SW
Sec. 32, T16S, R11W
Barton County, Ks.

ELEVATION: 1895 K.B.

0 - 746' Surface Soil, Post Rock, Shale
746 - 778' Anhydrite
778 - 2619' Shale
2619 - 2942' Lime
2942 - 2946' Shale
2946 - 2959' Lime & Shale
2959 - 2983' Lime
2983 - 3039' Shale
3039 - 3054' Lime & Shale
3054 - 3300' Lime
3300 - 3335' Shale & Lime
3335 - 3345' Dolomite
3345' RTD

FORMATION DATA

Anhydrite 746'
Topeka 2619'
Heebner 2942'
Toronto 2959'
Douglas 2983'
Br. Lime 3039'
Lansing 3054'
Base K.C. 3300'
Arbuckle 3335'
RTD 3345'

Surface Pipe: Set new 8-5/8"
24# pipe @397' w/250 sacks
common 3# cc.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF BARTON) ss

Bill Draney of lawful age, does swear and state that the facts and
statements herein are true and correct to the best of his knowledge.

Bill Draney

Subscribed and sworn to before me this 13 day of April 1984.

My Comm. Expires:

4-29-86

Dorothy M. Hague
Notary Public

RECEIVED
STATE CORPORATION COMMISSION
APR 18 1984
CONSERVATION DIVISION
Wichita, Kansas