

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

(F) Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

(C) Applications must be filed for dual completion, commingling, SWD and injection, T.A. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR POWDERHORN PETROLEUM, INC. # 6683
ADDRESS 910 Sixteenth Street, Suite 510
Denver, CO 80202

API NO. 15-077-20991
COUNTY HARPER
FIELD Freeport Townsite

**CONTACT PERSON J. R. Murdoch
PHONE _____

PROD. FORMATION Dry
LEASE Hilliard

PURCHASER Dry
ADDRESS _____

WELL NO. 1
WELL LOCATION SW NW NE

DRILLING CONTRACTOR Big Spring Drilling, Inc.
ADDRESS P.O. Box 8287, Minger Station
Wichita, KS 67208

990 Ft. from N Line and
330 Ft. from Center Line of
the SEC. 2 TWP. 33SRGE. 5W

PLUGGING Same
CONTRACTOR ADDRESS _____

WELL PLAT

JUN 1 1985
State Geological Survey
WICHITA BRANCH
MAY 15 1984

CONFIDENTIAL
State Geological Survey
WICHITA BRANCH

RELEASED
Date: JUN 1 1985
FROM CONFIDENTIAL
KCC
KGS
(Office Use)
RECEIVED
STATE CORPORATION COMMISSION
MAY 11 1984
CONSERVATION DIVISION
Wichita, Kansas

TOTAL DEPTH 3,925' PBTD 3,925'

SPUD DATE 4/25/84 DATE COMPLETED 5/2/84

ELEV: GR 1,300 DF 1303 KB 1305

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 294' DV Tool Used? NO

A F F I D A V I T

STATE OF COLORADO, COUNTY OF DENVER SS, I, J. R. Murdoch

OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS President ~~XXXX~~ (OF) POWDERHORN PETROLEUM, INC.

OPERATOR OF THE Hilliard LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 2 DAY OF May, 19 84, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

(S) J. R. Murdoch

SUBSCRIBED AND SWORN BEFORE ME THIS 7th DAY OF May, 19 84.

[Signature]
NOTARY PUBLIC

MY COMMISSION EXPIRES: 10/85

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

Hilliard #1

2 - 33 - 5W

SIDE TWO

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
Limestone	2200	2550	Hebner	3028 (-1723)
Shale	2550	2665	Toronto	3042 (-1737)
Limestone	2665	2850	Douglas Shale	3132 (-1827)
Shale	2850	3025	Iatan	3351 (-2046)
Limestone	3025	3070	Stalnaker	3376 (-2070)
Shale	3070	3100	Porosity	3452 (-2146)
Limestone	3100	3130	Kansas City	3663 (-2357)
Shale	3130	3380	Stark	3818 (-2512)
Sandstone	3380	3460	Swope	3838 (-2532)
Shale	3460	3650	Hertha	3863 (-2557)
Limestone	3650	2925	3916	3916 (-2610)

Drill Stem Test (Hertha)
 3856-76, 30", 60", 60", 120"
 IHP 1898, 1 FP 34, 34,
 FFP 34, 59, ISIP 178
 FSIP 296, 1 HP 1898,
 FHP 1838
 Recovered 65' mud, no shows.

Report of all strings set—surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

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 1/4"	8-5/8"	24	303 RKB	Class A	225	2% Gel, 3% CaCl

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio

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

Perforations

33-5W