

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.

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. 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 N - B Company, Inc.

API NO. 15-051-23034-00-00

ADDRESS P. O. Box 506 Russell, KS 67665

COUNTY Ellis

FIELD DIST. 57-NORTH

\*\*CONTACT PERSON Joe K. Branum PHONE 913-483-5345

PROD. FORMATION Marmaton

PURCHASER Koch Oil Co.

LEASE Armbruster

WELL NO. 4

ADDRESS Wichita, KS

WELL LOCATION NE SE SE

990 Ft. from S Line and

330 Ft. from E Line of

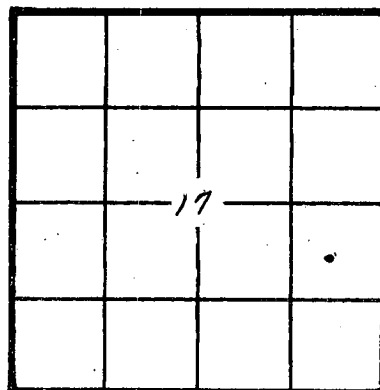
the SEC. 17 TWP. 12 RGE. 20W

DRILLING Emphasis Oil Operations

CONTRACTOR ADDRESS P. O. Box 506

ADDRESS Russell, KS 67665

WELL PLAT



KCC [check] KGS [check] (Office Use)

PLUGGING CONTRACTOR ADDRESS

TOTAL DEPTH 3983' PBD

SPUD DATE 5-29-82 DATE COMPLETED 6-23-82

ELEV: GR DF KB 2274'

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

Amount of surface pipe set and cemented 825' DV Tool Used?

AFFIDAVIT

STATE OF KANSAS, COUNTY OF RUSSELL SS, I,

Joe K. Branum OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS President (FOR) (OF) N - B Company, Inc.

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

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 4 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 23rd DAY OF June, 19 82, AND THAT

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

FURTHER AFFIRMED THAT

RECEIVED STATE CORPORATION COMMISSION 07-09-1982 CONSERVATION DIVISION Wichita, Kansas

SUBSCRIBED AND SORE ME THIS 23rd DAY OF July, 19 82.

JOYCE ANN RIDGLEY Russell County, Kansas My Appt. Exp. 4-29-84

Signature of Joe K. Branum and Notary Public signature.

MY COMMISSION EXPIRES: April 29, 1984

\*\*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.

**SIDE TWO**

**WELL LOG**

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Drill Stem Test #1	3890	3910	Heebner	3553
Times 30-30			Toronto	3573
IFP 49			Lansing	3590
FFP 39			Base K.C.	3893
ICIP 653			Marmaton	3884
Recovered 5 ft. mud			Conglomerate	3938
			Arbuckle	3961

**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	Socks	Type and percent additives
Surface	12-3/4	8-5/8	24	825	Common	350	
Production	7-7/8	4-1/2	10.50	3979	AFC	100	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	3/8 DP	3892-97

**TUBING RECORD**

Size	Setting depth	Packer set at

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
250 gal. 15% XFM	3892-97
Nitrogen Frac with 10,000 lbs. 20-40 sand	3892-97

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

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	30 bbls.	MCF	% none bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Perforations 3892-97