

KANSAS

PI

**WELL COMPLETION REPORT AND  
DRILLER'S LOG**

AUG 30 1980 REC'D  
State Geological Survey  
WICHITA, BRANCH

S. 6 T. 11 R. 20 <sup>EW</sup>

Loc. C SE NE

County Ellis

API No. 15 — 051 — 21,961  
County Number

Operator  
Mai Operations

Address  
Box 33 Russell, Kansas 67665

Well No. #2 Lease Name Richards

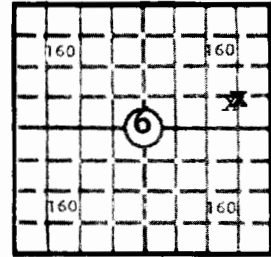
Footage Location North  
1980 feet from ~~XXXX~~ line 660 feet from (E) ~~XX~~ line

Principal Contractor Warrior Drlg. Inc. Geologist Roy Krueger

Spud Date 7-29-80 Date Completed 8-5-80 Total Depth 3818' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser

640 Acres  
N



Elev.: Gr. 2072

DF \_\_\_\_\_ KB 2077'

**CASING RECORD**

Report of all strings set — surface, intermediate, production, etc.

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 Csg.	12 1/4"	8 5/8"	28	334'	Common	200	3% C.C. 2% Gel.

**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

**INITIAL PRODUCTION**

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
RATE OF PRODUCTION PER 24 HOURS	Oil _____ bbls. Gas _____ MCF Water _____ bbls. Gas-oil ratio _____ CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s)

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Mai Operations** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: **Dry Hole**

Well No. **2** Lease Name **Richards**

S **6** T **11** R **20** W **K**

**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
Geological Tops from Samples n. logs were run,				
Anhydrite				1534'
Howard				3121'
Topeka				3146'
Heebner				3332'
Tronto				3351'
Lansing K.C.				3368'
Base K.C.				3593'
Marmaton				3620'
Conglomerate				3644'
Cherty Conglomerate				3701'
Rotary Total Depth				3818'

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received \_\_\_\_\_

Signature D. E. Wall

Supt. \_\_\_\_\_ Title \_\_\_\_\_

8-21-80 \_\_\_\_\_ Date \_\_\_\_\_

82668

6-11-20W

DRILLERS LOG

#2 RICHARDS  
C SE NE Sec. 6-11S-20W  
Ellis County, Kansas

OPERATOR: Mai Operations  
CONTRACTOR: Warrior Drilling, Inc.  
COMMENCED: July 29, 1980  
COMPLETED: August 5, 1980

8 5/8" @ 334' w/200 sx.

0	1000	Surface Sand & Clay
1000	1524	Sand
1524	1570	Anhydrite
1570	2035	Sand & Shale
2035	2805	Shale
2805	3304	Shale & Lime
3304	3424	Lime & Shale
3424	3818	Lime
3818		RTD

D & A

We certify that the above and foregoing is a true and correct copy of the log on the #2 Richards located in Ellis County, Kansas.

WARRIOR DRILLING, INC.

*Bill G. Lahar*

Bill G. Lahar, Vice President

Subscribed and sworn to before me this 12th day of August, 1980.

MARILYN SINARD  
STATE NOTARY  
DEWICK COUNTY  
MY TERM EXP. 4-30-83

*Marilyn Sinard*

Marilyn Sinard

Notary Public