

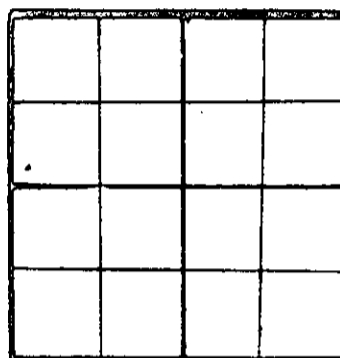
This form must be filed in triplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within five days after the completion of the well, regardless of how the well was completed. Circle one: Oil, gas, dry, SWD, OWWO, injection. Please type. Complete ALL sections. Applications must be filed for dual completion, commingling, salt water disposal and injection. Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.) KCC#-(316) 263-3238.

OPERATOR National Cooperative Refinery Association API NO. 15-007-21,301-0000
 ADDRESS Box 6 COUNTY Barber
Great Bend, Kansas 67530 FIELD Hardtner
 **CONTACT PERSON I. J. Gotsche LEASE Good
 PHONE 316 793-7824 PROD. FORMATION Miss. Chert
 PURCHASER NCRA WELL NO. 2
 ADDRESS Box 1167 WELL LOCATION 100' NW of C SW/4 SW/4 NW/4
McPherson, Ks. 67460 Ft. from _____ Line and
 _____ Ft. from _____ Line of
 the SEC. 34 TWP. 34S RGE. 12W

DRILLING CONTRACTOR Red Tiger Drilling Company
 ADDRESS 1720 KSB Building
Wichita, Kansas 67202

PLUGGING CONTRACTOR _____
 ADDRESS _____

TOTAL DEPTH 4,840 PBDT 4,802'
 SPUD DATE 11/11/81 DATE COMPLETED 11/24/81
 ELEV: GR1431 DF KB 1433'



WELL PLAT
 (Quarter) or (Full) Section - Please indicate.

DRILLED WITH (~~PIPE~~) (ROTARY) (~~API~~) TOOLS
 Report of all strings set — surface, intermediate, production, etc. (New)/(~~used~~) casing.

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#	355.27'	Common	275 sx	2% Gel, 3% C.C.
Production	7 7/8"	5 1/2"	14#	4,839'	60-40 Pozmix	150 sx	18% Salt & 3/4 of 1% CFR

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	DP jets	4746-58'
TUBING RECORD					
Size	Setting depth	Packer set at			
2 3/8	4763'				

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD	
Amount and kind of material used	Depth interval treated
300 gal. 15% Mud Acid	4746-58'
40,000 gal. gelled wtr. w/40,000# sand frac	4746-58'

RECEIVED
 STATE CORPORATION COMMISSION
 1-12-82

TEST DATE: <u>1-8-82</u>	PRODUCTION	<u>JAN 12 1982</u>
Date of first production <u>12-24-81</u>	Producing method (flowing, pumping, gas lift, etc.) <u>Pumping</u>	CONSERVATION GRAVITY Unknown Wichita, Kansas
RATE OF PRODUCTION PER 24 HOURS	Oil <u>23.3</u> bbls. Gas <u>78</u> MCF Water <u>37 % 13.4</u> bbls. Gas-oil ratio <u>3347</u> CFPB	
Disposition of gas (vented, used on lease or sold) <u>sold</u>	Producing interval (s) <u>4746-58'</u>	

** The person who can be reached by phone regarding any questions concerning this information.
 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.

Name of lowest fresh water producing stratum Unknown Depth 100'
 Estimated height of cement behind pipe 348'

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
Top Soil	0	6		
Sand & Shale	6	214		
Shale	214	361		
Shale & Sand	361	1430		
Shale & Lime	1430	1700		
Anhydrite	1700	1713		
Shale & Lime	1713	2083		
Lime & Shale	2083	3845		
Lime	3845	4005		
Lime & Shale	4005	4230		
Lime	4230	4287		
Lime & Shale	4287	4452		
Lime	4452	4553		
Lime & Shale	4553	4620		
Lime	4620	4835		
Lime & Shale	4835	4840		
RTD		4840		

See geological report attached.
 Gamma-Guard and Radioactivity logs sent.

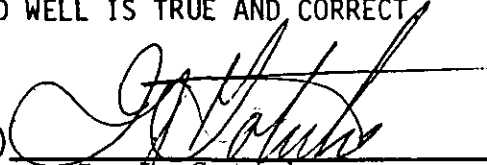
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

A F F I D A V I T

STATE OF KANSAS, COUNTY OF BARTON SS,

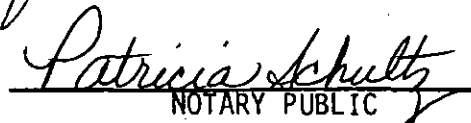
I. J. Gotsche OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH, DEPOSES AND SAYS:

THAT HE IS District Superintendent FOR National Cooperative Refinery Assn. OPERATOR OF THE Good LEASE, AND IS DULY AUTHORIZED TO MAKE THIS AFFIDAVIT FOR AND ON BEHALF OF SAID OPERATOR, THAT WELL NO. 2 ON SAID LEASE HAS BEEN COMPLETED AS OF THE 8th DAY OF January 1982, AND THAT ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT. FURTHER AFFIANT SAITH NOT.

(S) 
I. J. Gotsche

SUBSCRIBED AND SWORN TO BEFORE ME THIS 11th DAY OF January 1982

NOTARY PUBLIC - State of Kansas
 PATRICIA SCHULTZ
 My Appt. Exp. 1-29-85


 NOTARY PUBLIC

MY COMMISSION EXPIRES: January 29, 1985