

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

API NO. 15-051-23,906-00-00

County Ellis

SW SW SW (location) Sec 4 Twp 13S Rge 19 West

330 Ft North from Southeast Corner of Section  
4950 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Kreutzer Well# 1

Field Name ~~SW~~ YOCEMENTO NW

Producing Formation Lansing

Elevation: Ground 2165' KB 2170'

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: license # 5198  
name A. Scott Ritchie  
address 125 N. Market, Suite 950  
City/State/Zip Wichita, KS 67202

Operator Contact Person Jeff Christian  
Phone 316/267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Rich Robba  
Phone 316/264-6653

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp Abd  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply etc.)

If OWWO: old well info as follows:  
Operator  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
6/8/84 6/14/84 8/3/84  
Spud Date Date Reached TD Completion Date

3762' RTD n/a  
Total Depth PBD

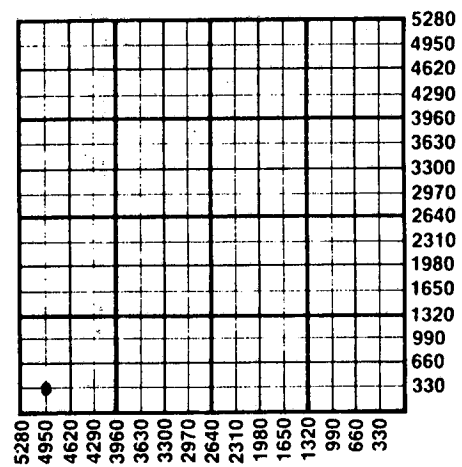
Amount of Surface Pipe Set and Cemented at 219 feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set 1471 feet

If alternate 2 completion, cement circulated from 219 feet depth to surface w/ 1.60 SX cmt

Section Plat



10-26-84

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and Ft. West From Southeast Corner of Sec Twp Rge East West  
 Surface Water Ft North From Southeast Corner and (Stream, Pond etc.) Ft West From Southeast Corner Sec Twp Rge East West  
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

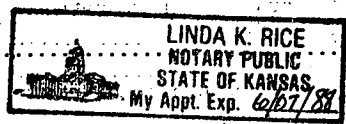
**INSTRUCTIONS:** This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules, and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature A. Scott Ritchie  
Title Operator Date 10/26/84

Subscribed and sworn to before me this 26th day of October 1984

Notary Public Linda K. Rice  
Date Commission Expires 6/07/88



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

Form ACO-1  
(This form supercedes previous forms ACO-1 & C-10)

Sec 4 Twp 13S Rge 19W

Operator Name A. Scott Ritchie Lease Name Kreutzer Well# 1 SEC. 4 TWP. 13S RGE. 19  East  West

**WELL LOG**

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

	Name	Top	Bottom
<b>DST #1</b> from 3502' to 3562' (35' & 50' zones). Recovered 190' of muddy water. IFP:69-116#/30"; ISIP:989#/30"; FFP:125-150#/30"; FSIP:966#/30".	Anhydrite	1512'	(+ 658)
	B/Anhydrite	1548'	(+ 622)
	Topeka	3212'	(-1042)
	Heebner	3450'	(-1280)
	Toronto	3474'	(-1304)
<b>DST #2</b> from 3556' to 3576' (70' & 90' zones). Recovered 310' of salt water. IFP:58-108#/30"; ISIP:852#/45"; FFP:139-174#/30"; FSIP:806#/45".	Lansing	3496'	(-1326)
	Muncie Creek	3618'	(-1448)
	B/KC	3735'	(-1565)
	LTD	3765'	(-1595)
<b>DST #3</b> from 3630' to 3678' (140', 160', & 180' zones). Recovered 180' of gas in pipe, 740' of mud and water cut heavy gassy oil and 300' of oil cut water. Total fluid breakdown: 19% gas, 35% oil, 6% mud, and 40% water. IFP:220-278#/30"; ISIP:806#/45"; FFP:301-405#/30"; FSIP:772#/45".			

CASING RECORD <input checked="" type="checkbox"/> new <input type="checkbox"/> used							
Report all strings set - conductor, surface, intermediate, production, etc.							
Purpose of string	size hole drilled	size casing set (in O.D.)	weight lbs/ft.	setting depth	type of cement	# sacks used	type and percent additives
surface production	12 1/2" 7-7/8"	8-5/8" 4 1/2"	24# 10.5#	219' 3756'	quickset 60/40 pozmix	160 125 20	none 10% salt & 20 bbls. of brine preflush.
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4 SSB	3690' - 3693'			Acidized w/600 gal. of 28%			3630'-62'
2 SSB	3693' - 3696'			Acidized w/600 gal. of 28%			3662'-3685'
2 SSB	3672' - 3677'			Acidized w/600 gal. of 28%			3685'-3710'
4 SSB	3651' - 3654'						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production 8/3/84	Producing method <input type="checkbox"/> flowing <input checked="" type="checkbox"/> pumping <input type="checkbox"/> gas lift <input type="checkbox"/> Other (explain)						
Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity		
	58.0 Bbls	MCF	34.0 Bbls	CFPB			

Disposition of gas:  vented  
 sold  
 used on lease

**METHOD OF COMPLETION**  
 open hole  perforation  
 other (specify) \_\_\_\_\_  
 Dually Completed.  
 Commingled

**PRODUCTION INTERVAL**

same as above

Lansing