

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

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 Galen Babcock  
Phone (316) 267-4375

Contractor: license # 6033  
name Murfin Drilling Co.

Wellsite Geologist Leah Ann Kasten  
Phone (316) 267-4375

PURCHASER none

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  
4/14/85 4/21/85 4/21/85  
Spud Date Date Reached TD Completion Date

3730' RTD n/a  
Total Depth PBD

Amount of Surface Pipe Set and Cemented at 216' feet

Multiple Stage Cementing Collar Used?  Yes  No

If Yes, Show Depth Set feet

If alternate 2 completion, cement circulated  
from 216 feet depth to surface w/ 170 SX cmt

API NO. 15 - 163-22,661-00-00

County Rooks

NE SW SW Sec 28 Twp 6S Rge 20 East  
(location) X West

990 Ft North from Southeast Corner of Section  
4290 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

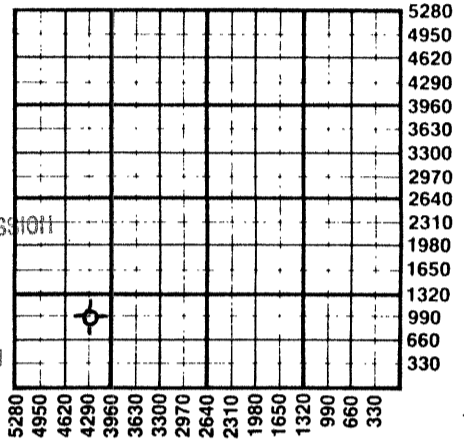
Lease Name P.L. Hilgers Well# 1

Field Name Unknown

Producing Formation none

Elevation: Ground 2187' KB 2192'

Section Plat



6-21-85  
RECEIVED  
STATE CORPORATION COMMISSION  
JUN 21 1985  
CONSERVATION DIVISION  
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:  
Division of Water Resources Permit #  
 Groundwater Ft North From Southeast Corner and  
(Well) 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.

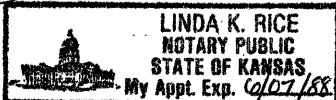
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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 [Signature]  
Title Operator Date 6/20/85

Subscribed and sworn to before me this 20th day of June 19 85

Notary Public Linda K. Rice  
Date Commission Expires 6/27/88



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)

Sec. 28 Twp. 6. Rge. 20

**SIDE TWO**

Operator Name A. Scott Ritchie Lease Name P. L. Hilgers Well# 1 SEC. 28 TWP. 6S RGE. 20  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

DST #1 from 3391' to 3436' (Toronto & Top zone). Recovered 100' of watery mud and 1280' of muddy salt water. IFP:306-387#/15"; ISIP:1125#/30"; FFP:530-663#/15"; FSIP:1075#/30".

DST #2 from 3445' to 3491' (Lansing 35' & 50' zones). Recovered 120' of watery mud and 180' of oil specked muddy water. IFP:71-122#/30"; ISIP:1125#/45"; FFP:153-183#/30"; FSIP:1094#/45".

DST #3 from 3563' to 3596' (160' & 180' zones). Recovered 20' of drilling mud. IFP:30-30#/30"; ISIP:40#/45"; FFP:40-40#/30"; FSIP:51#/45".

DST #4 from 3642' to 3662' (Erosional Arbuckle). Recovered 30' of slightly oil specked mud. IFP:51-51#/45"; ISIP:71#/45"; FFP:51-51#/45"; FSIP:71#/45".

DST #5 from 3657' to 3670' (Arbuckle). Misrun, packer failure.

DST #6 from 3643' to 3670' (Arbuckle). Recovered 62' of oil cut mud. IFP:51-61#/45"; ISIP:408#/45"; FFP:71-81#/45"; FSIP:204#/45".

Name	Top	Bottom
Anhydrite	1776'	(+ 416)
B/Anhydrite	1809'	(+ 383)
Topeka	3181'	(- 989)
Heebner	3385'	(-1193)
Toronto	3409'	(-1217)
Lansing	3424'	(-1232)
B/KC	3618'	(-1426)
Arbuckle	3652'	(-1460)
LTD	3730'	(-1538)

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	12 1/4"	8-5/8"	23#	216'	quickset	170	none
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth:
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production	Producing method <input type="checkbox"/> flowing <input 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		
	Bbls	MCF	Bbls	CFPB			

Disposition of gas:  vented  sold  used on lease

METHOD OF COMPLETION:  open hole  perforation  other (specify)  Dually Completed.  Commingled

PRODUCTION INTERVAL