

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 Jeff Christian
Phone (316) 267-4375

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Bob Buffo
Phone (316) 267-4375

PURCHASER Koch Oil Company

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
4/4/85 4/13/85 5/12/85
Spud Date Date Reached TD Completion Date
3787' RTD 3580'
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 1818 feet
If alternate 2 completion, cement circulated from 219 feet depth to surface w/ 175 SX cmt

API NO. 15 - 163-22,655 -00-00
County Rooks
SW NW NW Sec 28 Twp 6S Rge 20

4290 Ft North from Southeast Corner of Section
4950 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

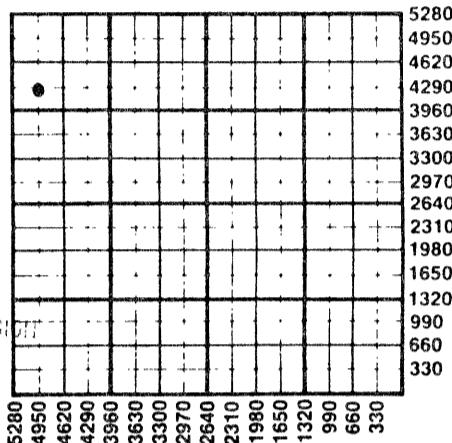
Lease Name Nanette Hilgers Well# 1

Field Name Unknown Todd, East

Producing Formation Lansing

Elevation: Ground 2208' KB 2213'

Section Plat



PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

0-21-85

RECEIVED
STATE CORPORATION COMMISSION

JUN 21 1985

CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) Ft North From Southeast Corner
Ft West From Southeast Corner Sec Twp Rge East West
 Surface Water (Stream, Pond etc.) Ft North From Southeast Corner
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.

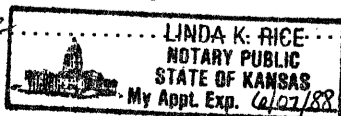
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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, 1985

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



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

Sec. 28, Twp. 6, Rge. 20

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

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.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Drill Stem Tests Taken [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
Formation Description [X] Log [] Sample

ST #1 from 3342' to 3363' (Lower Topeka). with straddle packers. Recovered 430' of salt water, no show of oil.
FP:43-109#/30"; ISIP:1088#/30";
FP:153-175#/30"; FSIP: 1088#/30".

ST #2 from 3406' to 3450' (Toronto & Top zone) Recovered 60' of gas in pipe and 950' of clean gassy oil with a trace of mud.
IFP:153-230#/15"; ISIP:1131#/15";
FFP:317-361#/15"; FSIP:1088#/15".

ST #3 from 3458' to 3500' (35' & 50' zones). Recovered 10' of muddy water, no show of oil. IFP:65-87#/30"; ISIP:123#/45"; FFP:109-120#/30"; FSIP:969#/45".

ST #4 from 3500' to 3526' (70' & 90' zones). Recovered 65' of mud with a few specks of oil. IFP:54-54#/30"; ISIP:185#/30"; FFP:65-65#/30"; FSIP:1163#/30".

ST #5 from 3549' to 3611' (140',160',180' zones). Recovered 0' of oil cut mud. IFP:77-77#/30"; ISIP:1121#/45"; FFP:88-88#/30"; FSIP:1078#/45".

ST #6 from 3610' to 3633' (200' & 220' zones). Misrun. packer failure.

ST #7 from 3608' to 3633' (200' & 220' zones). Recovered 0' of oil cut mud. IFP:44-44#/30"; ISIP:121#/30"; FFP:55-55#/30"; FSIP:66#/30".

ST #8 from 3622' to 3670' (Erosional Arbuckle). Recovered 0' of oil cut mud. IFP:66-66#/30"; ISIP:569#/30"; FFP:77-77#/30"; FSIP:208#/30".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Toronto, Lansing, B/KC, Erosional, Arbuckle, Cong. Sand, Arbuckle, LTD.

DST #9 from 3667' to 3675' (Arbuckle). Recovered 1' of free oil & 9' of oil cut mud. IFP:33-33#/30"; ISIP:613#/30"; FFP:33-33#/30"; FSIP:461#/30".

DST #10 from 3675' to 3687' (Arbuckle). Recovered 120' of mud cut oil. IFP:55-55#/45"; ISIP:894#/45"; FFP:77-77#/45"; FSIP:840#/45".

DST #11 from 3682' to 3710' (Conglomerat sand). with straddle packers. Mis-run, bottom packer failed, interval tested: 3682' - 3755'. Recovered 240' of oil specked watery mud. IFP:Plugged/30"; ISIP:1218#/30"; FFP:110-150#/30"; FSIP:894#/30".

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, and production data. Includes fields for string purpose, size, weight, setting depth, cement type, and various test results.

METHOD OF COMPLETION: [] open hole [X] perforation [] other (specify)
PRODUCTION INTERVAL: 3434'-37', 3563 1/2'-66'
Disposition of gas: [] vented [] sold [] used on lease
OCT 07 1986 10-3-86 FROM CONFIDENTIAL CFPB