

RELEASED

APR 1 1989

Date:

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 # 4767
Name Ritchie Exploration, Inc.
Address 125 N. Market, Suite 1000
Wichita, KS 67202
City/State/Zip

Purchaser N/A

Operator Contact Person Jeff Christian
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Jeff Christian
Phone 316-267-4375

Designate Type of Completion
 New Well Re-Entry Workover

 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1-3-88 1-9-88 1/10/88
Spud Date Date Reached TD Completion Date

3755' N/A
Total Depth PBD
8-5/8" @ 217'
Amount of Surface Pipe Set and Cemented at...feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set...feet
If alternate 2 completion, cement circulated from...feet depth to...w/...SX cmt
Cement Company Name
Invoice #

SIDE ONE

API NO. 15-163-22,978
County Rooks
1600' FWL &
340' ENL SW/4 Sec 31 Twp 6S Rge 20 East
IRREGULAR SECTION

2300' Ft North from Southeast Corner of Section
3300' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Lunney-Schuck Well # 1

Field Name

Producing Formation N/A

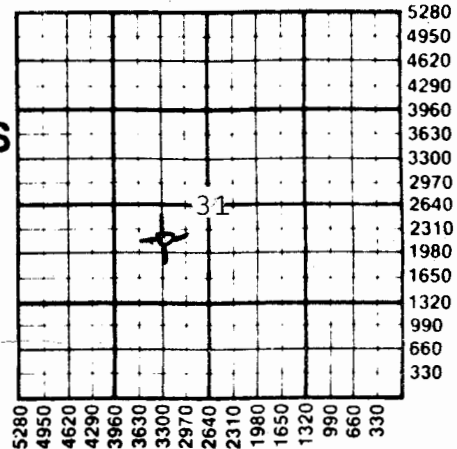
Elevation: Ground 2240' KB 2245'

KANSAS GEOLOGICAL SURVEY Section Plat

WICHITA BRANCH

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

APR 26 1989



WATER SUPPLY INFORMATION

Disposition of Produced Water: N/A Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water: Hauled.
Division of Water Resources Permit #

Groundwater...Ft North from Southeast Corner
(Well) ...Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water...Ft North from Southeast Corner
(Stream, pond etc)...Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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] Vice President Date 3/25/88

Subscribed and sworn to before me this 25th day of March 1988
Notary Public Linda K. Rice

Date of Commission Expires 6/07/88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
RECEIVED SWD/Rep NGPA
Plug Other
KANSAS CORPORATION COMMISSION (Specify)
MAR 29 1988

KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

LINDA K. RICE
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 6/07/88

Form ACO-1 (5-86)
CONSERVATION DIVISION
Wichita, Kansas

3/29/89 KCC

31-6-20W

Jm

Sec 31 Twp 6 Rge 20 E

Operator Name Ritchie Exploration, Inc. Lease Name Lunney-Schuck Well # 1

Sec. 31 Twp. 6S Rge. 20 East West County Rooks

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 [X] Yes [] No
Samples Sent to Geological Survey [X] Yes [] No
Cores Taken [] Yes [X] No
DST #1 3440'-3494' (Toronto & Top zone). Recovered 30' of mud w/ oil specks on top. IFP:43-54#/45"; ISIP:1060#/60"; FFP:65-76#/45"; FSIP:985#/60".
DST #2 from 3498'-3544' (35' & 150' zones). Recovered 154' of watery mud w/ a few specks of oil. IFP:43-76#/45"; FSIP:1167#/45"; FFP:87-120#/45"; FSIP:1157#/45".
DST #3 from 3586'-3679' (140', 160', 180', 200' & 220' zones). Recovered 15' of mud, no show of oil. IFP:65-65#/30"; ISIP:239#/30"; FFP:76-76#/30"; FSIP:239#/30".

Formation Description table with columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhy, Topeka, Heebner, Toronto, Lansing, B/KC, Arbuckle, LTD with corresponding depth ranges.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

CASING RECORD, PERFORATION RECORD, TUBING RECORD, and Estimated Production sections. Includes fields for Purpose of String, Size Hole, Size Casing, Weight, Setting Depth, Type of Cement, #Sacks Used, Type and Percent Additives, Shots Per Foot, Producing Method, and Oil/Gas/Water production data.

METHOD OF COMPLETION and Disposition of gas sections. Includes checkboxes for Vented, Sold, Used on Lease, Open Hole, Other, Perforation, Dually Completed, and Commingled.