

ORIGINAL

SIDE ONE

RELEASED

6/15/90
9-24-90

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

API NO. 15-065-22,513-00-00
County...Graham...FROM CONFIDENTIAL
NE NE NW Sec. 1... Twp. 7S. Rge. 22... West

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

4950 Ft North from Southeast Corner of Section
2970 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Thurlow Well # 1

Operator Contact Person Jeff Christian
Phone 316/267-4375

Field Name

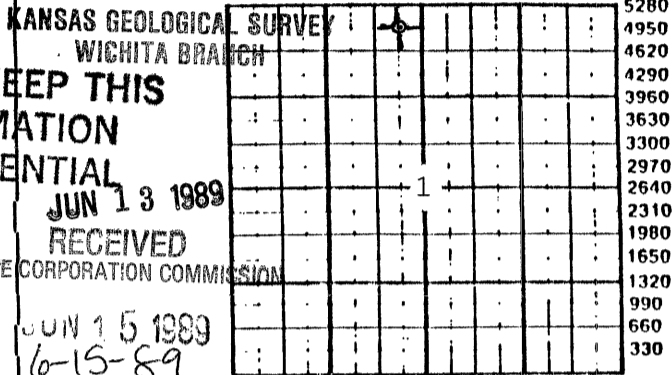
Producing Formation n/a

Contractor: License # 6033
Name Murfin Drilling Co.

Elevation: Ground 2278' KB 2283'

Section Plat

Wellsite Geologist Bob Mathiasen
Phone 316/267-4375



PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

JUN 13 1989
RECEIVED
STATE CORPORATION COMMISSION
JUN 15 1989
6-15-89
CONSERVATION DIVISION
Wichita, Kansas

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

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

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable
4/01/89 4/06/89 4/06/89
Spud Date Date Reached TD Completion Date
3745' n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 208 feet
Multiple Stage Cementing Collar Used? Yes X No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

WATER SUPPLY INFORMATION
Disposition of Produced Water: Disposal
Docket # n/a 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 82-3-150, 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 5/22/89

Subscribed and sworn to before me this 22nd day of May 1989
Notary Public [Signature]

Date Commission Expires 6/07/92



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)

MT II
D&A

Sec. 1, Twp. 7, Rge. 22

P1

Operator Name Ritchie Exploration, Inc. Lease Name Thurlow Well # 1

Sec. 1 Twp. 7S Rge. 22W East West County Graham RELEASED

WELL LOG

SEP 24 1990

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all 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.

FROM 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

DST #1 3586'-3616' (90' zone). Recovered 110' of muddy water w/few oil spots.
IFP:48-57#/45"; ISIP:1219#/45";
FFP:67-67#/45"; FSIP:1219#/45".

DST #2 3664'-3697' (160'-180' zones). Recovered 2' of mud.
IFP:74-74#/30"; ISIP:74#/30";
FFP:74-84#/30"; FSIP:84#/30".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Toronto, Lansing, B/KC, LTD with corresponding depth values.

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Producing Method, Estimated Production Per 24 Hours.

METHOD OF COMPLETION

Production Interval

Disposition of gas: [] Vented [] Open Hole [] Perforation
[] Sold [] Other (Specify)
[] Used on Lease [] Dually Completed [] Commingled