

plugged 12.2.87

SIDE ONE

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

S

API No. 15-163-22,963-00-00  
County Rooks  
NW SW NE Sec. 6 Twp. 7S Rge. 20 East  
X West

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

3630 Ft North from Southeast Corner of Section  
2310 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

Purchaser N/A

Lease Name Dean LeSage Well # 1

Operator Contact Person Jeff Christian  
Phone 316-267-4375

Field Name

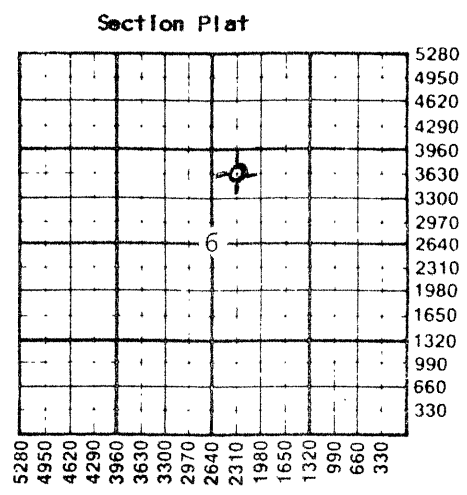
Producing Formation N/A

Contractor: License # 6033  
Name Murfin Drilling Company

Elevation: Ground 2219' KB 2224'

Wellsite Geologist Bob Mathiesen  
Phone 316-267-4375

PLEASE KEEP THIS  
INFORMATION  
CONFIDENTIAL



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

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal  
Docket # Re-pressuring  
N/A

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

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

WELL HISTORY  
Drilling Method: X Mud Rotary Air Rotary Cable  
11-23-87 12-1-87 12/02/87  
Spud Date Date Reached TD Completion Date  
3745' N/A  
Total Depth PBDT 8-5/8" @ 219'  
Amount of Surface Pipe Set and Cemented at...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 #

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]  
Title Vice President  
Date 1/22/88

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)

Subscribed and sworn to before me this 22nd day of January, 1988.  
Notary Public Linda K. Rice  
Date Commission Expires 6/07/88  
LINDA K. RICE  
NOTARY PUBLIC  
STATE OF KANSAS  
My Appt. Exp. 6/07/88

Sec. 6 Twp. 7 Rge. 20 W

Operator Name Ritchie Exploration, Inc. Lease Name Dean LeSage Well # 1

Sec. 6 Twp. 7S Rge. 20W 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

Formation Description [X] Log [ ] Sample

DST #1 from 3420'-3478' (Toronto & Top zone). Recovered 120' of mud & 60' muddy water. IFP:148-148#/30"; ISIP:822#/45"; FFP:180-186#/30"; FSIP:790#/45".

Table with 3 columns: Name, Top, Bottom. Rows include Anhydrite, B/Anhydrite, Topeka, Heebner, Toronto, Lansing, B/KC, Ero. Arb., Arb. dolo., LTD.

DST #2 from 3566' to 3632' (140'-180' zones). Recovered 10' of clean oil & 160' of oil specked mud. IFP:116-116#/45"; ISIP:675#/45"; FFP:148-158#/45"; FSIP:623#/45".

DST #3 from 3629'-3663' (200' & 220' zones). Recovered 3' of mud. IFP:80-80#/30"; ISIP:63#/30"; FFP:80-80#/30"; FSIP:74#/30".

DST #4 from 3654'-3712' (Arbuckle). Packer failed.

DST #5 from 3642'-3712' (Arb.). Recovered 10' of oil cut mud. IFP:116-116#/45"; ISIP:581#/60"; FFP:105-105#/45"; FSIP:391#/60".

PLEASE KEEP THIS INFORMATION CONFIDENTIAL

Form sections: CASING RECORD, PERFORATION RECORD, TUBING RECORD, Date of First Production, Estimated Production, METHOD OF COMPLETION, Production Interval.

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

15-163-22963-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Ritchie Exploration, Inc. LEASE NAME Dean LeSage SEC. 6 TWP. 7S RGE. 20 (W)

**FILL IN WELL LOG AS REQUIRED:**

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #6 from 3712' to 3724' (Arbuckle). Recovered 5' of very slightly oil specked mud. IFP:74-74#/30"; ISIP:127#/30"; FFP:95-95#/30"; FSIP:105#/30".				
DST #7 from 3475' to 3545' (35', 50', 70' & 90' zones) with straddle packers. Recovered 90' of mud, no show of oil. IFP:127-127#/45"; ISIP:905#/45"; FFP:127-127#/45"; FSIP:884#/45".				
<p>PLEASE KEEP THIS INFORMATION CONFIDENTIAL</p>				

FEB 02 1988

KANSAS GEOLOGICAL SURVEY  
WICHITA BRANCH

RECEIVED  
STATE CORPORATION COMMISSION

JAN 29 1988

CONSERVATION DIVISION  
Wichita, Kansas

RELEASED

MAR 30 1989

FROM CONFIDENTIAL