

ORIGINAL

SIDE ONE

RELEASED

JAN 9 1991

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

API NO. 15- 193-20,495-0000

County Thomas FROM CONFIDENTIAL

SW NW NW Sec. 16 Twp. 10S Rge. 33 East West

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 John Hansen Well # 1

Field Name unknown

Producing Formation n/a

Elevation: Ground 3180 KB 3817

Total Depth 4755 PBSD ---

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, #1000

City/State/Zip Wichita, KS 67202

Purchaser: n/a

Operator Contact Person: Rocky Milford

Phone (316) 267-4375

Contractor: Name: Warrior Drilling Co.

License: 5886

Wellsite Geologist: Robert Mathies

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD Temp. Abd.

Gas Inj Delayed Comp.

Dry Other (Core, Water Supply, etc.)

If **OWO**: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Rotary Cable

12-4-89 12-4-89 12-4-89

Spud Date Date Reached TD Completion Date

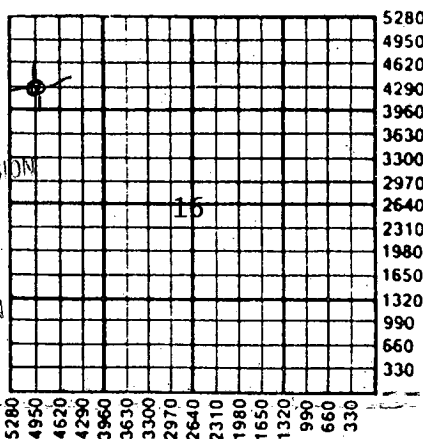
PLEASE KEEP THIS

INFORMATION

CONFIDENTIAL

JAN 16 1990

1-16-90
CONSERVATION DIVISION
Wichita, Kansas



ALTI II
DEA

Amount of Surface Pipe Set and Cemented at 320 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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.

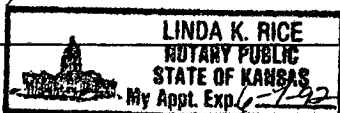
Signature _____

Title President Date 1/10/90

Subscribed and sworn to before me this 10th day of January, 1990.

Notary Public Linda K. Rice

Date Commission Expires 6/07/92



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)

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name John Hansen Well # 1
 Sec. 16 Twp. 10S Rge. 33 East West
 County Thomas

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
 (Attach Additional Sheets.)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy.)

SEE ATTACHED.

Formation Description **RELEASED**
 Log Sample
 Name _____ Top _____ Bottom _____
 SEE ATTACHED.

FROM CONFIDENTIAL
 PLEASE KEEP THIS INFORMATION CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input checked="" 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	10 1/4"	8 5/8	28#	320	60/40 pozmix	185	3% c.c., 2% gel
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		Size	Set At	Packer At	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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION Open Hole Perforation Dually Completed Commingled Other (Specify) _____

Production Interval _____

ORIGINAL

Ritchie Exploration, Inc.
#4767 15-193-29495
#1 John Hansen
SW NW NW
Section 16-10S-33W
Thomas County, KS
ACO-1 Form
Page 2

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DRILL STEM TESTS

SAMPLE TOPS

DST #1 from 4268' to 4352' (L/KC "H" & "J" zones). Recovered 150' of water, no show of oil.

IFP:52-83#/45"; ISIP:1251#/60";
FFP:93-114#/45"; FSIP:1220#/60".

DST #2 from 4349' to 4414' (L/KC "K" & "L" zones). Recovered 150' of muddy water, slight show of oil in tool.

IFP:31-41#/45"; ISIP:1190#/60";
FFP:52-72#/45"; FSIP:1130#/60".

DST #3 from 4561' to 4632' (Myrick Sta. - Ft. Scott). Recovered 20' of slightly oil cut mud.

IFP:31-31#/45"; ISIP:809#/760";
FFP:41-41#/45"; FSIP:291#/60".

DST #4 from 4627' to 4705' (Cher.-Johnson zone). Recovered 20' of mud, no show of oil.

IFP:31-31#/30"; ISIP:93#/30";
FFP:31-31#/30"; FSIP:72#/30".

Anhydrite	2703' (+ 484)
B/Anhydrite	2729' (+ 458)
Topeka	3877' (- 690)
Heebner	4092' (- 905)
Toronto	4114' (- 927)
Lansing	4131' (- 944)
Stark	4352' (-1165)
B/KC	4410' (-1223)
Marmaton	4435' (-1248)
Pawnee	4546' (-1359)
Myrick Sta.	4578' (-1391)
Ft. Scott	4602' (-1415)
Cherokee	4630' (-1443)
Johnson zone	4671' (-1484)
Miss.	4737' (-1550)
RTD	4755' (-1568)

JAN 22 1991
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

RECEIVED
STATE CORPORATION COMMISSION

JAN 16 1990

CONSERVATION DIVISION
Wichita, Kansas