

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
City/State/Zip Wichita, KS 67202
Purchaser N/A
Operator Contact Person Rocky Milford
Phone 316/267-4375
Contractor License # 6033
Name Murfin Drilling Co.
Wellsite Geologist Leah Ann Kasten
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 OWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
1/23/86 2/03/86 2/03/86
Spud Date Date Reached TD Completion Date
4450' N/A
Total Depth PBID
Amount of Surface Pipe Set and Cemented at 251 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 #

API NO. 15-15-135-22,999-00-00
County Ness
S/2 SE NW Sec 3 Twp 16 Rge 22 East
3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)
Lease Name Victor Dinkel Well # 1
Field Name
Producing Formation N/A
Elevation: Ground 2410' KB 2415'
Section Plat

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:
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 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. Rule 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 President Date 3/04/86
Subscribed and sworn to before me this 4th day of March 1986
Notary Public [Signature]
Date Commission Expires 6/07/88



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

STATE CORPORATION COMMISSION
APR - 9 1986
04-09-1986
CONSERVATION DIVISION
Wichita, Kansas

Operator Name Ritchie Exploration, Inc. Lease Name Victor Dinkel Well # 1

Sec. 3 Twp. 16S Rge. 22 East West County Ness

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 Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 from 3893' to 3924' (Lansing "E" zone).
 Recovered 130' of watery mud with a few specks of oil.
 IFP: 65-65#/30"; ISIP: 1328#/30";
 FFP: 98-98#/30"; FSIP: 1318#/30".

DST #2 from 4020' to 4045' (L/KC "J" zone)
 Recovered 340' of slightly gassy oil cut muddy water (8% gas, 4% oil, 19% mud & 69% water).
 IFP: 54-98#/45"; ISIP: 1339#/45";
 FFP: 141-163#/45"; FSIP: 1296#/45".

DST #3 from 4197' to 4224' (Pawnee). Recovered 15' of mud with scum of oil.
 IFP: 43-43#/45"; ISIP: 953#/45";
 FFP: 43-43#/45"; FSIP: 413#/45".

Name	Top	Bottom
Anhydrite	1867' (+ 648)	
B/Anhydrite	1805' (+ 610)	
Topeka	3512' (-1097)	
Heebner	3789' (-1374)	
Toronto	3809' (-1394)	
Lansing	3830' (-1415)	
B/KC	4094' (-1679)	
Pawnee	4184' (-1769)	
Ft. Scott	4279' (-1864)	
Cher. Sh.	4292' (-1876)	
Cong. Sd.	4373' (-1958)	
Miss.	4380' (-1965)	
LTD	4449' (-2034)	

(cont'd on page 2)

CASING RECORD <input checked="" type="checkbox"/> New <input 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	12 1/4"	8-5/8"	23#	251'	60/40	180	2% gel, 3% CC
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.....
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				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	Gas	Water	Gas-Oil Ratio		Gravity	
	Bbls	MCF	Bbls	CFPB			

METHOD OF COMPLETION

Production Interval

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

15-135-22999-00-00

SIDE TWO (Page Two)

ACO-1 WELL HISTORY

OPERATOR Ritchie Exploration, Inc. LEASE NAME Victor Dinkel SEC. 3 TWP. 16S RGE 22W

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
<p>DST #4 from 4293' to 4315' (Upper Cher. sd). Recovered 10' of mud. IFP:43-43#/45"; ISIP:54#/45"; FFP:43-43#/45"; FSIP:43#/45";</p>				
<p>DST #5 from 4321' to 4356' (Middle Cher. sd.). Packer failure.</p>				
<p>DST #6 from 4294' to 4356' (Middle Cher. sd.). Recovered 210' of slightly gassy watery mud and 240' of gassy watery mud with scum of oil. IFP:109-152#/30"; ISIP:1157#/30"; FFP:185-217#/30"; FSIP:1114#/30".</p>				
<p>DST #7 from 4376' to 4384' (Cong. sd.). Recovered 20' of mud with oil spots. (Partial plugging of anchor during both flow periods). IFP:22-22#/45"; ISIP:1189#/60"; FFP:43-43#/45"; FSIP:1189#/60".</p>				