

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 Galen Babcock
Phone 316/267-4375

Contractor: License # 6033
Name Murfin Drilling Co.

Wellsite Geologist Bob Buffo
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 OWWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
2/12/86 2/17/86 2/17/86
Spud Date Date Reached TD Completion Date
3785' n/a
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 248 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. 15-065-22,297-00-00
County Graham
W/2 W/2 E/2 Sec. 7 Twp. 6 Rge. 21 East West

2640 Ft North from Southeast Corner of Section
2310 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Voss Well # 3
Field Name Boys South
Producing Formation n/a
Elevation: Ground 2192' KB 2197'
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.

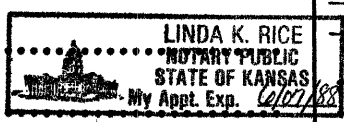
Signature [Signature]

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)

RECEIVED
STATE CORPORATION COMMISSION

APR 13 1986

CONSERVATION DIVISION
Wichita, Kansas

Form ACO-1 (7-84)

4-13-86

SIDE TWO

Operator Name Ritchie Exploration, Inc. Lease Name Voss Well # 3

Sec. 7 Twp. 6S Rge. 21W East West County Graham

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

Name	Top	Bottom
Anhydrite	1851' (+ 346)	
B/Anhydrite	1882' (+ 315)	
Topeka	3220' (-1023)	
Heebner	3414' (-1217)	
Toronto	3439' (-1242)	
Lansing	3456' (-1259)	
B/KC	3646' (-1449)	
Cong. sd.	3698' (-1501)	
Arbuckle	3745' (-1548)	
LTD	3786' (-1589)	

DST #1 from 3361' to 3400' (Lower Topeka).
 Recovered 70' of watery mud and 175' of salt water.
 IFP: 60-90#/30"; ISIP: 1098#/45";
 FFP: 110-130#/30"; FSIP: 1098#/45".

DST #2 from 3408' to 3468' (Toronto & Top zone). Recovered 20' of mud, scum of oil.
 IFP: 50-50#/30"; ISIP: 716#/30";
 FFP: 60-70#/30"; FSIP: 647#/30".

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#	248'	60/40 poz	225	2% gel, 3% CC
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