

5
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

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 ☐ SMD ☐ Temp Abd
☐ Gas ☐ Inj ☐ Delayed Comp.
☒ Dry ☐ Other (Core, Water Supp, 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

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 7-6-21W

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.

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

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".

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)

APR 15 1985

OIL & GAS SURVEY
OKLAHOMA BRANCH

CASING RECORD

☒ New☐ 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 pox	225	2% gel, 3% EC

PERFORATION RECORD

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes☐ No

Date of First Production

Producing Method

☐ Flowing☐ Pumping☐ Gas Lift☐ Other

(explain).....

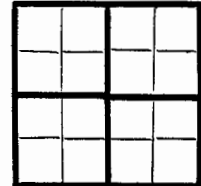
WELL LOG *P*

7-6-21W

COMPANY Ritchie Exploration, Inc.
 125 N. Market, Suite 1000
 Wichita, KS 67202
FARM Voss **NO.** 3
RIG. NO. 8
TOTAL DEPTH 3785'
COMM. 02-12-86 **COMP.** 02-17-86
CONTRACTOR Murfin Drilling Company
 250 N. Water, Suite 300
 Wichita, KS 67202

SEC. 7 **T.** 6S **R.** 21W
LOC. W/2 W/2 E/2

COUNTY Graham
 KANSAS



CASING
 20 10
 15 8-5/8" set @ 248' w/225 sx 60/40 Poz, 2% Gel, 3% CC.
 12 6
 13 5

PRODUCTION

FIGURES INDICATE BOTTOM OF FORMATIONS

Sand & Shale 100'
 Shale 249'
 Shale & Sand 2120'
 Shale & Lime 3785'

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 RECEIVED
 STATE GEOLOGICAL SURVEY
 TOPEKA, KANSAS

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