

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
Wichita, KS 67202
City/State/Zip

Purchaser n/a

Operator Contact Person Jeff Christian
Phone 316-267-4375

Contractor: License # 6033
Name Murfin Drilling Company

Wellsite Geologist Bob Mathiesen
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 OWN: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

6-19-87 6-25-87 6/25/87
Spud Date Date Reached TD Completion Date
3790' n/a
Total Depth PBTD

8-5/8" @ 216'

Amount of Surface Pipe Set and Cemented at.....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. 15-065-22,389
County Graham
NE SW SE 20 6S 21 East
..... Sec..... Twp..... Rge..... X West

990
T650
..... Ft North from Southeast Corner of Section
..... Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

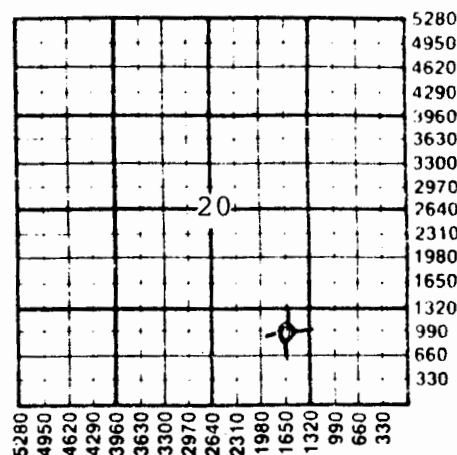
Goff Estate
Lease Name..... Well # 1

Field Name

Producing Formation n/a

Elevation: Ground 2256 2261 KB

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 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 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

SIDE TWO

Operator Name **WAC Ritchie Exploration, Inc.** Lease Name **Goff Estate** Well # **1**

Sec. **20** Twp. **6S** Rge. **21** ☐ 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
Anhy	1921' (+ 340)	
B/Anhy	1953' (+ 308)	
Topeka	3289' (-1028)	
Heebner	3489' (-1228)	
Toronto	3512' (-1251)	
Lansing	3530' (-1269)	
B/KC	3717' (-1456)	
Cong. sd.	3766' (-1505)	
LTD	3790' (-1529)	

DST #1 from 3550' to 3589' (35' & 50' zones). Rec. 290' watery mud, no show of oil.
 IFP:70-105#/30"; ISIP:1249#/45";
 FFP:152-175#/30"; FSIP:1237#/45".

DST#2 from 3587' to 3598' (70' zone). Recovered 740' of muddy water, no show of oil.
 IFP:82-210#/30"; ISIP:1260#/45";
 FFP:269-327#/30"; FSIP:1226#/45".

DST #3 from 3640' to 3695' (140', 160' & 180' zones). Recovered 20' of mud with a few specks of oil.
 IFP:58-58#/30"; ISIP:998#/30";
 FFP:70-70#/30"; FSIP:917#/30".

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#	216'	60-40 Poz.	150	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

Size Set At Packer at

Liner Run ☐ Yes ☐ No