KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form U3C
June 2015
Form must be Typed
Form must be completed on a per well basis

ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # 4767
Name: Ritchie Exploration, Inc.
Address 1: 8100 E 22ND ST N # 700
Address 2: PO BOX 783188
City: WICHITA State: KS Zip: 67278 + 3188
Contact Person: Karen Hopper
Phone: (316) 691-9500
Lease Name: GROTHUSEN SWD
Well Number: 1

API No.: 15-171-21229-00-00
Permit No: D32670.0
Reporting Year: 2021
(January 1 to December 31)

NW - NW - NW - NE Sec. 30 Twp. 16 S. R. 31 ☐ E ☑ W
(Q/Q/Q/Q)
5055 feet from ☐ N / ☑ S Line of Section
2470 feet from ☑ E / ☐ W Line of Section
County: Scott

I. Injection Fluid:

Type *(Pick one)*: ☐ Fresh Water ☐ Treated Brine ☑ Untreated Brine ☐ Water/Brine
Source: ☑ Produced Water ☐ Other *(Attach list)*
Quality: Total Dissolved Solids: _____ mg/l Specific Gravity: _____ Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 0 psi Injection Zone: Cedar Hills
Maximum Authorized Injection Rate: 700 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ *(Include TA's)*

III.

Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
January	12257	0	0	0	31
February	7307	0	0	0	28
March	12544	0	0	0	31
April	11560	0	0	0	30
May	7396	0	0	0	31
June	7537	0	0	0	30
July	7631	0	0	0	31
August	7787	0	0	0	31
September	8074	0	0	0	30
October	9539	0	0	0	31
November	9735	0	0	0	30
December	9186	0	0	0	31
TOTAL	110553		0		

Submitted Electronically