

FORM MUST BE TYPED

SIDE ONE

COPY

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 4767Name: Ritchie Exploration, Inc.Address 125 N. Market, Suite 1000City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Rocky MilfordPhone (316) 267-4375Contractor: Name: Duke Drilling Co., Inc.License: 5929Wellsite Geologist: K. NoahDesignate Type of Completion
☒ New Well ☐ Re-Entry ☐ Workover

☐ Oil ☐ SVD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☒ Dry ☐ Other (Core, WSV, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: RELEASED

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Con. to Inj/SVD
☐ Plug Back ☐ PBTD
☐ Commingled ☐ Docket No.
☐ Dual Completion ☐ Docket No.
☐ Other (SVD or Inj) ☐ Docket No.

4-10-93 4-17-93

Spud Date _____ Date Reached TD _____ Completion Date _____

API NO. 15- 101-21,647-00-00County Lane50'S. NE. SE. SE Sec. 33 Twp. 18 Rge. 28 E940' Feet from S (circle one) Line of Section330' Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, (SE) NW or SW (circle one)Lease Name R.E.Hineman Well # 1

Field Name _____

Producing Formation NAElevation: Ground 2746' KB 2755'Total Depth 4635' PBTD _____Amount of Surface Pipe Set and Cemented at 218 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

If Yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex cmt.

Drilling Fluid Management Plan 6-4-93
(Data must be collected from the Reserve Pit)Chloride content 2,000 ppm Fluid volume 840 bblsDewatering method used evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ S Rng. _____ E/W _____

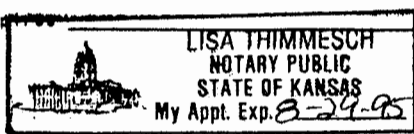
County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 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 confidential information). One copy of all wireline logs and geologist well report shall be attached with this form. **STATE INFORMATION TICKETS MUST BE ATTACHED.** Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily plugged wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry are fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature [Signature]Title President Date 5-20-93Subscribed and sworn to before me this 20th day of MAY 19 93Notary Public [Signature]

Date Commission Expires _____



CONSERVATION DIVISION
Wichita, Kansas

☒ K.C.C. OFFICE ONLY
F ☒ Letter of Confidentiality Attached
C ☐ Wireline Log Received
C ☒ Geologist Report Received

Distribution
☒ KCC ☐ SVD/Rep ☐ NSPA
☒ KGS ☐ Plug ☐ Other (Specify) _____

Form ACO-1 (7-91)

Operator Name Ritchie Exploration, Inc.Lease Name R. E. HinemanWell # 1Sec. 33 Twp. 18 Rge. 28☐ EastCounty Lane☒ West

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
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☐ Yes ☒ No

List All E.Logs Run:

NO LOGS RUN

☐ Log

Formation (Top), Depth and Datums

☒ Sample

Name

Top

Datum

COPY

SEE ATTACHED SHEET

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 $\frac{1}{4}$ "	8-5/8"	20#	218'	60/40 poz	145	2% gel 3% cc.

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
		RELEASED	
		JUN 28 1995	
		FROM CONFIDENTIAL	
	Size Set At Packer At	Liner Run ☐ Yes ☐ No	
Date of First Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity		

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

RECEIVED
STATE CORPORATION COMMISSION
MAY 24 1993
CONSERVATION DIVISION
Wichita, Kansas

PLEASE KEEP THIS
INFO
CONFIDENTIAL

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 R. E. Hineman
50' S of NE SE SE
Section 33-18S-28W
Lane County, Kansas
API# 15-101-21,647

COPY

SAMPLE TOPS

Anhydrite	2118'(+ 637)
B/Anhydrite	2148'(+ 607)
Heebner	3955'(-1200)
Lansing	3995'(-1240)
Muncie Crk	4171'(-1416)
Stark	4277'(-1522)
Hushpuckney	4308'(-1553)
B/KC	4354'(-1599)
Marmaton	4378'(-1623)
Pawnee	4473'(-1718)
Myrick Sta.	4506'(-1751)
Fort Scott	4526'(-1771)
Cherokee	4548'(-1793)
Johnson Zn	4583'(-1828)
Cgl Sd	4599'(-1844)
Mississippi	4620'(-1865)
RTD	4635'(-1880)

RELEASED

JUN 2 8 1995

FROM CONFIDENTIAL

DST #1 from 4516' to 4606' (Fort Scott - Conglomerate Sand).
Recovered 90' gas in pipe; 20' free oil; and 70' oil cut mud (20%
oil, 80% mud).

IFP:24-38#/30";ISIP:1048#/30";

FFP:60-70#/30";FSIP:1045#/30".

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Wichita, Kansas

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