

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

Operator: License # 4767Name: Ritchie Exploration, Inc.Address 125 N. Market, Suite 1000City/State/Zip Wichita, KS 67202Purchaser: NAOperator Contact Person: Rocky MilfordPhone (316) 267-4375Contractor: Name: Duke Drilling Co., Inc. KCCLicense: 5929Wellsite Geologist: K. Noah

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☐ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☒ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____04-18-93 04-26-93 4-26-93

Spud Date Date Reached TD Completion Date

API NO. 15- 101-21,648-00-00County LaneSW NW NE 23 Twp. 19 Rge. 28 XXXV4290 Feet from S (circle one) Line of Section2310 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name O. Hineman Well # 1Field Name Hackberry CreekProducing Formation NAElevation: Ground 2753 2766Elevation: Ground 2753 2766Total Depth 4660 PBTD _____Amount of Surface Pipe Set and Cemented at 219 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☐ No

show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan 6-6-87
(Data must be collected from the Reserve Pit)Chloride content 3,000 ppm Fluid volume 700 bblsDewatering method RELEASED Evaporation

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

Quarter PLEASE KEEP THIS INFORMATION Rng. _____ E/WCounty CONFIDENTIAL Docket No. _____

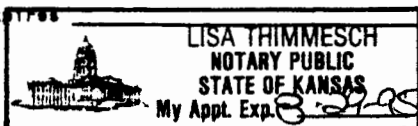
CONFIDENTIAL

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 confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. 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 6/7/93Subscribed and sworn to before me this 7th day of June19 93Notary Public [Signature]

Date Commission Expires _____



K.C.C. OFFICE USE ONLY	
F	<input checked="" type="checkbox"/> Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/> Wireline Log Received
C	<input checked="" type="checkbox"/> Geologist Report Received
<input checked="" type="checkbox"/> KCC <input checked="" type="checkbox"/> KGS	
Distribution: <input checked="" type="checkbox"/> Rep <input type="checkbox"/> Plug <input type="checkbox"/> Other (Specify)	
RECEIVED KANSAS CORPORATION COMMISSION JUN 9 1993 (Specify)	

Operator Name Ritchie Exploration, Inc.

Lease Name

Well # 1Sec. 23 Twp. 19 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 ☒ No

Electric Log Run
(Submit Copy.)

☐ Yes ☒ No

List All E.Logs Run:

None

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 1/2"	8-5/8"	20#	219	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
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
TUBING RECORD	Size	Set At	Packer At
			Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production	OD or Inj.	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 Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:

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

METHOD OF COMPLETION

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

Production Interval

RITCHIE EXPLORATION, INC.

125 N. Market - Suite 1000

Wichita, Kansas 67202-1775

316-267-4375 FAX 316-267-3026

#1 O. Hineman

SW NW NE

Section 23-19S-28W

Lane County, Kansas

API# 15-101-21,648

Elevation: 2753' G.L., 2762' K.B.

COPY

RELEASED

JUL 26 1995

FROM CONFIDENTIAL

SAMPLE TOPS

Anhydrite	2107' (+ 655)
B/Anhydrite	2135' (+ 627)
Heebner	3989' (-1227)
Lansing	4031' (-1269)
Muncie Crk	4204' (-1442)
Stark	4299' (-1537)
Hush.	4335' (-1573)
B/KC	4382' (-1620)
Marmaton	4410' (-1648)
Pawnee	4514' (-1752)
Myrick St.	4543' (-1781)
Ft. Scott	4559' (-1797)
Cherokee	4581' (-1819)
Johnson Zn.	4620' (-1858)
Cgl. Snd	4640' (-1878)
Mississippi	4650' (-1888)
RTD	4660' (-1898)

PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL

DST #1 from 4296' to 4307' (L/KC "K" zone). Recovered 240' of gas in pipe, 45' of oil, 50' of slight oil cut mud (5% oil, 95% mud), 180' very slight oil cut muddy water (1% oil, 10% mud, 89% water), and 1185' of water with a few oil spots. Total fluid = 1470'.

IFP:182-567#/30"; ISIP:736#/30";

FFP:607-717#/30"; FSIP:736#/30".

DST #2 from 4334' to 4346' (L/KC "L" zone). Recovered 10' of mud.

IFP:10-10#/30"; ISIP:376#/30";

FFP:10-10#/30"; FSIP:325#/30".

DST #3 from 4377' to 4630' (Pleasanton - Johnson zone). Recovered 40' of mud with a few oil spots.

IFP:30-30#/30"; ISIP:936#/30";

FFP:40-40#/30"; FSIP:557#/30".

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STATE CORPORATION COMMISSION
JUN 9 1995
CONSERVATION DIVISION
Wichita, Kansas