

14-105-22W

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

API NO. 15- 065-22,7290001

COPY

County Graham

440' FN & 440' SEC. 14 Twp. 10 Rge. 22W E

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

Purchaser: N.C.R.A.

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name:

License:

Wellsite Geologist:

Designate Type of Completion

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

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

Operator: Ritchie Exploration, Inc.

Well Name: #3 Holmquist-Holmes Twin

Comp. Date 12-93 old Total Depth 3780

☒ Deepening ☒ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBD☐ Commingled ☐ Docket No.☐ Dual Completion ☐ Docket No.☐ Other (SWD or Inj?) ☐ Docket No.

7-15-94

7-19-94

Date of START Date Reached TO
OF WORKOVERCompletion Date OF
WORKOVER

440 Feet from S/W (circle one) Line of Section

440 Feet from E/W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Holmquist-Holmes Well # 3 Twin

Field Name

Producing Formation L/KC

Elevation: Ground 2263' KB 2268

Total Depth 3780 PBD 3741

Amount of Surface Pipe Set and Cemented at Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cm.

Drilling Fluid Management Plan Rework JN 12-9-94
(Data must be collected from the Reserve Pit)

Chloride content ppm Fluid volume bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

RELEASED

Operator Name

Lease Name 1 1996 License No.

Quarter Sec. Twp. 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, recordation, 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 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.

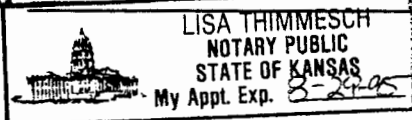
Signature *Lisa Thimmesch*

Title Geologist Date 8-9-94

Described and sworn to before me this 9th day of August 1994.

Notary Public *Lisa Thimmesch*

Date Commission Expires



K.C.C. OFFICE USE ONLY		
F	☒	Letter of Confidentiality Attached
C	☐	Wireline Log Received
C	☐	Geologist Report Received
Distribution		
☒ KCC	☐ SWD/Rep	☐ NGPA
☒ KGS	☐ Plug	☐ Other (Specify)

Form ACO-1 (7-91)

Operator Name Ritchie Exploration, Inc. Lease Name Holmquist-Holmes Well # 3 TwinSec. 14 Twp. 10 Rge. 22W☐ EastCounty Graham☐ 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 ☐ Yes ☒ No
(Attach Additional Sheets.)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

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

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

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"	24	216'	60/40 Poz	170	2% gel 3% CaC'
Production	7 7/8"	5 1/2"	18	3774'	60/40 Poz	135	10% SALT 3% GILSONITE

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
3	3597'-3600' 90' zone	600 gal 15% NE	90' zone
3	3554'-3558' 35' zone	750 gal 15% NE	35' zone
3	3689'-3694' 180' zone		
3	3679'-3682' 160' zone 3673'-3676'		

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	3716.88'			
Date of First, Resumed Production, SWD or Inj.	7-21-94	Producing Method	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls. 6.67	Gas Mcf	Water Bbls. 76.67	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 3554'-3682' OA

☐ Other (Specify) _____