14-10-22W

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

API NO. 15- 065-22,694

County Graham

DEC 3

CONFIDENTIAL

150' N SE NW NW - Sec. 14 Twp. 10 Rge. 22W E/W

Operator: License # 4767

Name: Ritchie Exploration, Inc.

Address 125 N. Market, Suite 1000

City/State/Zip Wichita, KS 67202

4440 Feet from S/N (circle one) Line of Section

4290 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 # 2 Twin

Field Name Faul NE

Purchaser: N.C.R.A.

Producing Formation L/KC

Operator Contact Person: A. Scott Ritchie III

Phone (316) 267-4375

Elevation: Ground 2295 KB 2300

Total Depth 3955 PBTD 3915

Contractor: Name: Murfin Drilling Co.

License: 30606

Amount of Surface Pipe Set and Cemented at 206 Feet

Multiple Stage Cementing Collar Used? X Yes ___ No

If yes, show depth set 1778 Feet

Wellsite Geologist: J. Christian

Designate Type of Completion
X New Well ___ Re-Entry ___ Workover

X Oil ___ SWD ___ SIOW ___ Temp. Abd.
___ Gas ___ ENHR ___ SIGW
___ Dry ___ Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 1778 feet depth to surface w/ 240 sx cmt.

Drilling Fluid Management Plan 12-18-92 (D)
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 300 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

___ Quarter Sec. ___ Twp. ___ S Rng. ___ E/W

County Docket No.

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.

9-30-92 Spud Date | 10-5-92 Date Reached TD | 10-21-92 Completion Date

RELEASED
FEB 14 1995
FROM 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 A. Scott Ritchie III

Title President Date 12-3-92

Subscribed and sworn to before me this 3rd day of December 19 92

Notary Public Lisa Thimmesch

Date Commission Expires

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 3-29-95

KANSAS CORPORATION COMMISSION
DEC 3 1992
CONSERVATION DIVISION
WICHITA, KS

K.C.C. OFFICE USE ONLY
C ✓ 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)

SIDE TWO

75608

Operator Name Ritchie Exploration, Inc. Lease Name Holmquist-Holmes Well # 2 Twin

Sec. 14 Twp. 10 Rge. 22W ☐ East ☐ West County Graham

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 l[illegible], hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra [illegible]t 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:

R.A. Guard Log
GAMMA RAY CCL CORRELATION LOG

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
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 1/4"	8 5/8"	20#	206'	60/40 poz	150	2% gel 3% CC
production	7 7/8"	5 1/2"	14#	3952'	60/40 poz	135	10% salt 3% Gils[illegible]te

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	3720.3'-3725.3' 180' zone	750 gallons 15% NE	3720.3'-3725.3'
3	3703'-3706.5' 160' zone		

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	3897'	NA	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 10-21-92 Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	25.00	0	2.00		

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 _____

14-10-22W

RITCHIE EXPLORATION, INC.
125 N. Market - Suite 1000
Wichita, Kansas 67202-1775
316-267-4375 FAX 316-267-3026

COPY

#2 Holmquist-Holmes Twin
150' N C SE NW NW
Section 14-10S-22W
Graham County, Kansas
API# 15-065-22,694

DEC 3
CONFIDENTIAL

ELECTRIC LOG TOPS

Anhydrite	1791'(+ 509)
B/Anhydrite	1835'(+ 465)
Topeka	3297'(- 997)
Heebner	3507'(-1207)
Toronto	3528'(-1228)
Lansing	3544'(-1244)
B/KC	3774'(-1474)
Marmaton	3846'(-1546)
Arbuckle	3925'(-1625)
LTD	3955'(-1655)

DST #1 from 3632' to 3644' (L/KC 90' zone). Recovered 10' muddy water.

IFP:21-21#/30";ISIP:233#/30";
FFP:31-31#/30";FSIP:190#/30".

DST #2 from 3731' to 3785' (L/KC 200' - 220' zones). Recovered 4' mud.

IFP:67-67#/30";ISIP:76#/30";
FFP:67-67#/30";FSIP:67#/30".

RECEIVED
KANSAS CORPORATION COMMISSION
DEC 03 1992
CONSERVATION DIVISION
WICHITA, KS

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FEB 14 1995
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