

FORM MUST BE TYPED

CONFIDENTIAL

SIDE ONE

ORIGINAL

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

API NO. 15- 119-20-962-0000

County Meade

- C - SW - SW Sec. 35 Twp. 31S Rge. 27W XX E W

660' Feet from (S)H (circle one) Line of Section

660' Feet from E(U) (circle one) Line of Section

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

Lease Name D. THOMAS Well # 1

Field Name

Producing Formation None

Elevation: Ground 2522' KB 2527'

Total Depth 5850' PBDT

Amount of Surface Pipe Set and Cemented at 1511' 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 cmt.

Drilling Fluid Management Plan D&A JH 8-29-96
(Data must be collected from the Reserve Pit)

Chloride content 46,000 ppm Fluid volume 2600 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name RELEASED KCC

Lease Name SEP 16 1998 JUL 3 License No.

Quarter Sec. Twp. S. Post E/W

County FROM CONFIDENTIAL CONFIDENTIAL Docket No.

Operator: License # 4767

Name: Ritchie Exploration, Inc./

Address Canyon Energy, Inc.
125 N. Market

Suite 1000

City/State/Zip Wichita, Ks. 67202

Purchaser: N/A

Operator Contact Person: Lisa Thimmesch

Phone (316) 267-4375

Contractor: Name: Abercrombie RTD, Inc.

License: 30684

Wellsite Geologist: Jeff Christian

Designate Type of Completion

XX New Well Re-Entry Workover

XX Oil SWD SLOW Temp. Abd.

Gas ENHR SIGW

XX Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover: RELEASED

Operator: SEP 16 1998 JUL 09 1996

Well Name:

Completion Date FROM CONFIDENTIAL CONSERVATION DIVISION
Old Total Depth WICHITA, KS

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

4-24-96 5-4-96 5-4-96

Spud Date Date Reached TD Completion Date

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 7-3-96

Subscribed and sworn to before me this 3rd day of July 19 96.

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)

LISA THIMMESCH
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-29-99

Operator Name Ritchies Exploration, Inc.

Lease Name D. THOMAS

Well # 1

Sec. 35 Twp. 31S Rge. 27W

East
 West

County Meade

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:
Micro-Resistivity
Borehole Compensated Sonic
Array Induction Shallow Focused

Log Formation (Top), Depth and Datums Sample
Name Top Datum

see attached sheet

**PLEASE KEEP THIS
INFORMATION
CONFIDENTIAL**

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"	28#	1511'	65/35 pos Class A	525 sks 150 sks	3%CC, 1% flo seal / 5%CC, 2% gel / sk

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			

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, SWD or Inj.	Producing Method
<u>D&A</u>	<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
	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>		

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled

Production Interval: Other (Specify) _____

ORIGINAL

CONFIDENTIAL

#1 D. Thomas
C SW SW
Section 35-31S-27W
Meade County, Kansas
API# 15-119-20,962
Elevation: 2522' GL 2527' KB

Log Tops

Heebner	4395'(-1868)
Lansing	4544'(-2017)
Stark	4962'(-2435)
Marmaton	5110'(-2583)
Pawnee	5209'(-2682)
Upper Cher	5259'(-2732)
Lwr Cher	5296'(-2769)
Atoka	5399'(-2872)
Morrow Sh	5480'(-2953)
Morrow Sd	5484'(-2957)
Miss Chester	5496'(-2969)
Miss St Gen	5684'(-3157)
Miss St. Louis	5770'(-3243)
LTD	5852'(-3325)

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

RELEASED

SEP 16 1998

FROM CONFIDENTIAL

NOV

JUL 3

CONFIDENTIAL

DST #1 from 5394' to 5452' (Atoka). Recovered 10' of mud.

IFP:14-18#/30"; ISIP:33#/30";
FFP:18-20#/30"; FSIP:27#/30".

DST #2 from 5468' to 5543' (Miss. Chester). Recovered 290' of mud.

IFP:168-184#/30"; ISIP:467#/30";
FFP:181-183#/30"; FSIP:320#/30".

Note: The packer failed on the first attempt and held on the second try. The large amount of mud on the recovery was due to the initial packer failure.

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 09 1996

CONSERVATION DIVISION
WICHITA, KS

ALLIED CEMENTING CO., INC.

6132

ORIGINAL

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Med Lodge

DATE: 4-25-96	SEC: 35	TWP: R18S	RANGE: 27W	CALLED OUT: 12:30 AM	ON LOCATION: 4:30 AM	JOB START: 9:00 AM	JOB FINISH: 10:00 AM
LEASED: Thomas	WELL#: 1	LOCATION: Fowler + 160-36-1n-FT Intc		COUNTY: Meade	STATE: KS		

OLD OR NEW (Circle one)

CONTRACTOR: Abernombic OWNER: Ritchie Exploration
 TYPE OF JOB: Surface CEMENT
 HOLE SIZE: 2 1/4" T.D.: 1512
 CASING SIZE: 8 5/8" DEPTH: AMOUNT ORDERED: 525 x 5' 0.5/35/16
 TUBING SIZE: DEPTH: 1 3/4" C/L + 1/4" FLO-SEAL
 DRILL PIPE: 4 1/2" x hole DEPTH: 1512
 TOOL: DEPTH: 150 x 5' CLASS A 3% C/L + 2% GEL
 PRES: MAX 1000 MINIMUM 200 COMMON @
 MEAS: LINE: SHOE JOINT: 38-88 POZ MIX @
 CEMENT LEFT IN CSG: GEL CHLORIDE @
 PERFS: @

CONFIDENTIAL

EQUIPMENT RELEASED

PUMP TRUCK: CEMENTER: KARRY D. SEP 16 1998
 # 265 HELPER: CARL B.
 BULK TRUCK: FROM CONFIDENTIAL HANDLING CONFIDENTIAL @
 # 258 DRIVER: TIMS MILEAGE @
 BULK TRUCK: DRIVER: JOHN K. RELEASED
 # 259 TOTAL

REMARKS:

next Pump 525 x 5' 0.5/35/16 +
 3% C/L + 1/4" FLO-SEAL, 150 x 5' CLASS A
 + 3% C/L + 2% GEL Cement in stop pumps
 Release Plug Displace 1100 x 1/4" 9334
 BHS Bump Plug Release PST
 Float Held Cement Circ to Surface

DEPTH OF JOB: 1511
 PUMP TRUCK CHARGE @
 EXTRA FOOTAGE @
 MILEAGE @
 PLUG ROBBER @
 TOTAL

CHARGE TO: Ritchie Exploration
 STREET:
 CITY: STATE: ZIP:

FLOAT EQUIPMENT

258
 1- Sawtooth shoe @
 1- Reg. OEU Insert @
 1- Basket @
 @
 @

RECEIVED

JUL 09 1996

CONSERVATION DIVISION
 WICHITA, KS

TAX: TOTAL CHARGE: DISCOUNT: IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper to assist owner or
 contractor to do work as is listed. The above work was
 done to satisfaction and supervision of owner agent or
 contractor. I have read & understand the "TERMS AND
 CONDITIONS" listed on the reverse side.

SIGNATURE: W.C. [Signature]

ALLIED CEMENTING CO., INC. 5958

REMIT TO: P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Neosho

DATE <u>5-4-96</u>	SEC <u>35</u>	TWP <u>31</u>	RANGE <u>27</u>	CALLED OUT <u>10:00AM</u>	ON LOCATION <u>2:30PM</u>	JOB START <u>3:55PM</u>	JOB FINISH <u>6:00PM</u>
LEASED <u>Thomas</u>	WELL # <u>1</u>	LOCATION <u>Meade</u>	<u>1/2 E - 1/4 W - 2nd</u>	COUNTY <u>Meade</u>	STATE <u>KS</u>		

OLD OR NEW (Circle one)

CONTRACTOR <u>Albercombu</u>	OWNER <u>Same</u>
TYPE OF JOB <u>R. Plug</u>	CEMENT
HOLE SIZE <u>7 7/8"</u>	T.D. <u>5850'</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2"</u>	DEPTH <u>1550'</u>
TOOL	DEPTH
PRES: MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	<u>RELEASED</u>
PERFS.	

SEP 16 1998

CONFIDENTIAL

EQUIPMENT

PUMP TRUCK # <u>224</u>	CEMENTER <u>Mike</u>	HELPER <u>Bob</u>	COMMON @
BULK TRUCK # <u>116</u>	DRIVER <u>Bill</u>		POZMIX @
BULK TRUCK #	DRIVER		GEL @
			CHLORIDE @
			SEP 16 1998
			FROM CONFIDENTIAL
			JUL 3
			HANDLING @
			MILEAGE @
			CONFIDENTIAL
			RELEASED
			TOTAL

REMARKS:

SERVICE

<u>1st Plug at 1550' w/ 150 SKs</u>	DEPTH OF JOB <u>1550'</u>
<u>2nd Plug at 500' w/ 50 SKs</u>	PUMP TRUCK CHARGE
<u>3rd Plug at 40' w/ 10 SKs</u>	EXTRA FOOTAGE @
<u>15 SKs Pit Hole - 15 SKs Waterwell</u>	MILEAGE @
<u>10 SKs Mouse Hole</u>	PLUG <u>1 - 8 1/2" old Hole</u>
	TOTAL

CHARGE TO: Pit Hole Exploration

STREET _____
CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 09 1998

CONSERVATION DIVISION
WICHITA, KS

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You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE W.C. Cain

TAX _____
TOTAL CHARGE _____
DISCOUNT _____ IF PAID IN 30 DAYS