FORM MUST BE TYPED

CONFIDENTIAL

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- 081-20987

County Haskell

150' NE of - NW - SE S 5 T 30S R 34 W

approx 2070 Feet from S Line of Section

approx 1855 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

NE, SE, NW, or SW (circle one)

Operator: License # 3871

Name: Hugoton Energy Corporation

Address: 301 N. Main, Suite 1900

City/State/Zip Wichita, Kansas 67202

Purchaser:

RELEASED

Operator Contact Person: Earl Ringeisen

SEP 16 1998

Phone (316) 262-1522

FROM CONFIDENTIAL

Contractor: Name: Murfin Drilling Rig #20

License: 30606

Wellsite Geologist: Curtis Covey

Lease Name MLP Rooney 'B' Well # 2-5

Field Name Eubank

Producing Formation Chester

Elevation: Ground 2992' KB

Total Depth 5750' PBTD

Amount of Surface Pipe Set and Cemented at 1745 Feet.

Multiple State Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 2949 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover

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

Drilling Fluid Management Plan Alt I 6-12-96 kc

(Data must be collected from the Reserve Pit)

Chloride content 2400 ppm Fluid volume 790 bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec Twp R E/W

County Docket No.

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.

12/27/95 Spud Date | 01/08/96 Date Reached TD | 02/15/96 Completion Date

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APR 25 1996
CONSERVATION DIV

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Finney State Office 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 Earl Ringeisen

Title Production Manager Date: 04/24/96

Subscribed and sworn to before me this 24th day of April '96

Notary Public Arlene Valliquette

Date Commission Expires July 21, 1999

NOTARY PUBLIC - STATE of KANSAS
ARLENE VALLIQUETTE
My Appt. Exp. 7-21-99

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) TS

Form ACO-1 (7-

SIDE TWO

Operator Name **Hugoton Energy Corporation** Lease Name **MLP Rooney 'B'** Well # **2-5**

Sec **5** Twp **30S** Rge **34** West County **Haskell**

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: **BHC Acoustilog, Caliper log Gamma Ray, Minilog Gamma Ray, Sonic Cement Bond Log, High Res Dual Induction Focused Log, Z-Densilog Compensated Neutron**

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

Name	Top	Datum
Heebner Shale	4020'	-1019
Lansing GP A	4131'	-1130
Lansing GP B	4174'	-1173
Kansas City A	4584'	-1583
Kansas City B	4656'	-1555
B/Kansas City	4736'	-1735
Marmaton	4749'	-1748
Cherokee Sh	4930'	-1929
Morrow Sh	5281'	-2280
Lower Chester Sd	5612'	-2611
St Genevieve	5636'	-2635
St. Louis	5670'	-2669

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"	25#	1745'	65/35 Class A	525 150	6 +3% cc +1/4# Flo Seal 3% cc
Production	7-7/8"	5-1/2"	14#	5749'	Self Stress	175	2% SI + .6% D60 + .2% D46 + 1/4#/sk D29

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth 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 Specity Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4 4	5596-5600' 5612-5620'	400 gal 7-1/2% NE-FE acid 800 gal 7-1/2% NE-FE acid	5596-5600 5612-5620
	Fracture	31,000# 16/30 Ottowa sand & 370 bbls gelled water	

TUBING RECORD Size **2-7/8"** Set At **5749** Packer at Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. **3/7/96** Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
	24		138		

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

☐ Vented ☒ Sold ☐ Used on Lease ☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled

(If vented, submit (ACO-18)

☐ Other (Specify)

Form ACO-1 (7/91)

ORIGINAL

*******TIGHT HOLE*******
Drill Stem Test Information for ACO-1
Hugoton Energy Corporation
MLP Rooney 'B' #2-5
Sec. 5-30S-34W, Haskell County, KS
API # 15-081-20987

CONFIDENTIAL

DST 1

Test Interval: 5258' - 5360'

Times: 30-60-30-60

First Open: Built to 3-1/2" in bucket in 4 min. Slid 15' to bottom. ISI - bled off, no blow back

Second Open: Weak surface blow, died in 15-1/2 min. FSI - Bled off, no blow back

Recovery: 120' Mud w/ oil scum (1% oil, 99% mud)
30' Mud (100% mud)

Pressures IHP 2534
SIP 349-305
IFP 196-185
FFP 229-229
FHP 2491

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DST 2

Test Interval: 5553' - 5623'

Times: 30-60-45-90

First Open: Weak blow, built to bottom of bucket 20 min. ISI, Bled off blow, no blow back

Second Open: Fair to strong blow, bottom of bucket in 5 min. FSI, No blow back for 60 min, then weak surface blow.

Recovery: 500' CGO (30% gas, 70% oil)
250' G&MCO (10% gas, 70% oil, 20% mud)
2540' Gas in pipe.

Pressures IHP 2760
IFP 55-163
SIP 1423-1134
FFP 190-230
FHP 2567

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