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- 135-23988

County Ness

46' W - of N/2 - S 24 T 20S R 24 W

ator: License # 3871 CONFIDENTIAL

Name: Hugoton Energy Corporation

Address: 301 N. Main, Suite 1900

City/State/Zip Wichita, Kansas 67202

Purchaser: RELEASED

Operator Contact Person: Rex Jasper SEP 16 1998

Phone (316) 262-1522

Contractor: Name: Murfin Drilling FROM CONFIDENTIAL

License: 30606

Wellsite Geologist: Curtis Covey

1320 Feet from N Line of Section

2686 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

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

Lease Name Lehner Well # 18

Field Name Petersilie

Producing Formation Mississippi

Elevation: Ground ~~2300~~ 2297 KB 2302

Total Depth 4530 PBTD 4483

Amount of Surface Pipe Set and Cemented at 315 Feet.

Multiple State Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1831 Feet

If Alternate II completion, cement circulated from 1830

feet depth to surface w/ 285 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.)

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.

4/3/97 Spud Date | 4/12/97 Date Reached TD | 7/11/97 Completion Date

Drilling Fluid Management Plan AH. 2, 7-23-98 U.C.

(Data must be collected from the Reserve Pit)

Chloride content 8200 ppm Fluid volume 617 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec Twp R E/W

JUL 29

CONFIDENTIAL

County Docket No.

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

Title Area Production Manager Date: 07/21/97

Subscribed and sworn to before me this 21st day of July '97

Notary Public Arlene Valliquette

Date Commission Expires 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) IG

Form ACO-1 (7-91)

SIDE TWO

Operator Name: Hugoton Energy Corporation | Lease Name: Lehner | Well #: 18

Sec 24 Twp 20 Rge 24 West | County: Ness

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, High Resolution Dual Induction Focused Log, Z-Densilog Compensated Neutron**

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

Name	Top	Datum
Heebner Sh	3696	-1394
Lansing	3744	-1442
Base KC	4100	-1798
Pawnee	4181	-1879
Ft. Scott	4254	-1952
Cherokee	4270	-1968
Mississippi (Warsaw)	4363	-2061
Osage	4409	-2107

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"	23#	315	40/60 poz	200	2% gel & 3% cc
Production	7-7/8"	5-1/2"	14#	4529	EA-2	170	5% cal seal, 10% salt, .75% Halad 322, 5# Gilsonite/sk
Port Collar (DV Tool)				1831	Mid Con II	285	2% cc & ¼# Flocele/sk

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☒ Perforate	4370	4376	Micro Matrix	25	1% Halad 322
☐ Protect Casing			Class A	25	1% Halad 322
☐ Plug Back TD			Class A Neat	25	
☐ 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
4	4370-4376 squeezed off 4372-4374	2500 gal 15% acid 250 gal 15% HCL acid	

TUBING RECORD Size 2-7/8 Set At 4388' Packer at | Liner Run ☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj. 5/1/97 | Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	Gas-Oil Ratio	Gravity
	2	0	350		

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

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____

Form ACO-1 (7/91)