

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

API NO. 15- 075-20635

COPY *me*County Hamilton

- SW - NE S 14 T 24S R 40 W

1715 Feet from N Line of Section2025 Feet from E Line of Section

Footages Calculated From Nearest Outside Section Corner:

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

Lease Name Brownlee Well # 1-14Field Name Wildcat (Bradshaw)Producing Formation ArbuckleElevation: Ground 3219 KBTotal Depth 6310' PBDTAmount of Surface Pipe Set and Cemented at 1860 Feet.Multiple State Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 2927 Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 36000 ppm Fluid volume 800 bblsDewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec Twp E/W

County CONFIDENTIAL Docket No.Operator: License # 3871Name: Hugoton Energy CorporationAddress: 301 N. Main, Suite 1900City/State/Zip Wichita, Kansas 67202

Purchaser:

Operator Contact Person: Earl RingeisenPhone (316) 262-1522Contractor: Name: Murfin DrillingLicense: 30606Wellsite Geologist: Arden Ratzlaff

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 PBDT☐ Commingled Docket No.☐ Dual Completion Docket No.☐ Other (SWD or Inj?) Docket No.3/11/97

Spud Date

03/24/97

Date Reached TD

04/05/97

Completion Date

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 Production ManagerDate: 04/10/97

Subscribed and sworn to before me this

Notary Public

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 AttachedC ☒ Wireline Log ReceivedC ☒ Geologist Report Received

Distribution

☒ KCC ☐ SWD/Rep ☒ NGPA☐ KGS ☐ Plug ☐ IS ☐ Other (Specify)

Operator Name Hugoton Energy Corporation Lease Name Brownlee Well # 1-14
 Sec 14 Twp 24S Rge 40 West County Hamilton

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open or 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	☒ Log	Formation (Top), Depth and Datums		☐ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum	
Cores Taken	☐ Yes ☒ No	Heebner	3703	-473	
Electric Log Run (Submit Copy)	☒ Yes ☐ No	Lansing	3762	-532	
List All E. Logs run:	Compensatec Neutron Compensated	Base Kansas City	4251	-1021	
	Photo-Density, Borehole Compensated Sonic w/ Integrated Time	Marmaton	4295	-1065	
	Travel Gamma Ray, Array Induction Shallow Focused Electric,	Cherokee	4444	-1214	
	Micro-resistivity	Morrow Shale	4836	-1606	
		Morrow Sand	5029	-1799	
		Mississippian	5094	-1864	
		Arbuckle	5978	-2748	

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#	1860'	Class C	150	3% cc
					65/35	550	6% gel, 3%cc, 1/4#/sk Flo-cele
					Class C	150	3% cc
Production	7-7/8"	5-1/2"	17#	6004	35/65 Poz	150	6% D20, 2% SI, 1/2#/sk D29
					Class C	150	2% SI, 1% D60, 1/4#/sk D29
Port Collar				2927'	Class C	250	3%D79, 2% SI, 2%D46, 1/4#/sk D29
					Class C Neat	100	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth		Type of Cement	# Sacks Used	Type and Percent Additives
	Top	Bottom			
☐ 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
	open hole		2500 gal 28% acid		
TUBING RECORD					
Size	2-7/8'	Set At	5966	Packer at	5966
			Liner Run	☐ Yes ☒ No	
Date of First, Resumed Production, SWD or Inj.			Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)		
Estimated Production per 24 Hours	Oil Bbls	Gas Mcf	Water Bbls	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
☐ Other (Specify) _____