

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR CENTENNIAL ENERGY COMPANY #6583
ADDRESS 11271 RICHMOND AVE., SUITE H-101
HOUSTON, TEXAS 77082

API NO. 15-181-20238 -00-00
COUNTY SHERMAN
FIELD GOODLAND

**CONTACT PERSON KENNETH E. KULP
PHONE (713) 497-8146

PROD. FORMATION NIOBRARA

PURCHASER KN Natural Gas Co.
ADDRESS 205 F St.

LEASE ARMSTRONG

WELL NO. 1-11

Phillipsburg, KS 67661

WELL LOCATION C NW NW

660 Ft. from N Line and

660 Ft. from W Line of

DRILLING EXCELL DRILLING COMPANY
CONTRACTOR ADDRESS 4643 Wadsworth "G"
Wheatridge, Colorado 80033

the NW 1/4 SEC. 11 TWP. 8-S RGE. 39-W

WELL PLAT

Table with 4 columns and 4 rows, containing an asterisk in the top-left cell.

KCC [checked]
KGS [checked]
(Office Use)

PLUGGING CONTRACTOR ADDRESS

TOTAL DEPTH 1063' PBT 1031'

SPUD DATE 1-23-83 DATE COMPLETED 1-25-83

ELEV: GR 3619' DF 3623' KB 3624'

DRILLED WITH ~~ROTARY~~ (ROTARY) ~~TOOLS~~

Amount of surface pipe set and cemented 375' DV Tool Used? YES

AFFIDAVIT

STATE OF TEXAS, COUNTY OF HARRIS SS, I,

KENNETH E. KULP OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS GEOLOGIST (FOR) CENTENNIAL ENERGY COMPANY

OPERATOR OF THE ARMSTRONG LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1-11 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 25 DAY OF January, 19 83, AND THAT

ALL INFORMATION ENTERED HEREIN WITH RESPECT TO SAID WELL IS TRUE AND CORRECT.

FURTHER AFFIANT SAITH NOT.

2-17-83

SUBSCRIBED AND SWORN BEFORE ME THIS 17th DAY OF Feb

(S) Kenneth E. Kulp

Signature of Carolyn Bell

CAROLYN BELL

Notary in and for State of Texas

NOTARY PUBLIC

MY COMMISSION EXPIRES Commission Expires Aug. 28, 1985

**The person who can be reached by phone regarding any questions concerning this information. Within 45 days of completion, a witnessed initial test by the Commission is required if the well produces more than 25 BOPD or is located in a Basic Order Pool.

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
SURFACE SANDS & GRAVELS	0'	300'	OGALALLA FORMATION	
SHALE	300'	800'	PIERRE	
SHALE	800'	979'	WHITE SPECKS	
CHALK	979'	1011'	NIOBRARA	
SHALE	1063'	TD	SHALE	

No Dst's Run.

Report of all strings set — surface, intermediate, production, etc. **CASING RECORD** (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	10 3/4"	7"	23	375'	50/50 POZ	110	-----
PROD. CSG	6 3/4"	4 1/2"	9.5	1055'	50/50 POZ	40	-----

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			3 SPF	.51" TAPE	996'-1010'

TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
FRAC 100,000# SD 60 TON CO ₂ 439 BBL'S H ₂ O	996'-1010'

Date of first production -14-83	Producing method (flowing, pumping, gas lift, etc.) FLOWING	Gravity
RATE OF PRODUCTION PER 24 HOURS	Oil _____ bbls.	Gas 139 MCF
Disposition of gas (vented, used on lease or sold) SOLD TO K-N	Water 0%	Gas-oil ratio _____ CFPB
	Perforations	996'-1010'

