

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

API NO. 15 - 181 - 20251-00-00

ADDRESS 21515 Hawthorne Blvd. Ste. 625

COUNTY Sherman

Operator # 6583

Torrance, CA 90503-6595

FIELD Goodland

**CONTACT PERSON Earle T. Casler, Jr

PROD. FORMATION Niobrara

PHONE (213) 540-9121

LEASE ARMSTRONG

PURCHASER K N Energy, Inc.

WELL NO. 1-6

ADDRESS P.O. Box 15265

WELL LOCATION SE 1/4 SE 1/4

Lakewood, Co. 80215

DRILLING Excell Drilling Company

660 Ft. from S Line and

CONTRACTOR

660 Ft. from E Line of

ADDRESS 4643 Wadsworth Blvd, Suite G

the SE 1/4 SEC. 6 TWP. 8-S RGE. 39-W

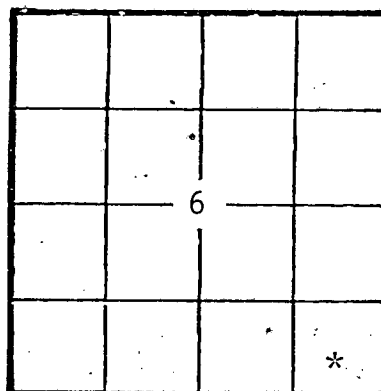
Wheatridge, Co. 80033

WELL PLAT

PLUGGING Not Plugged

CONTRACTOR

ADDRESS



KCC KGS (Office Use)

TOTAL DEPTH 1260' PBD 1213'

SPUD DATE 9-6-83 DATE COMPLETED 9-29-83

ELEV: GR 3645' DF 3649' KB 3651'

DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS

Amount of surface pipe set and cemented 409' DV Tool Used? NO

AFFIDAVIT

STATE OF California, COUNTY OF Los Angeles ss, I,

E.T. Casler, Jr. OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Vice President (KCC) (OF) Centennial Energy Company

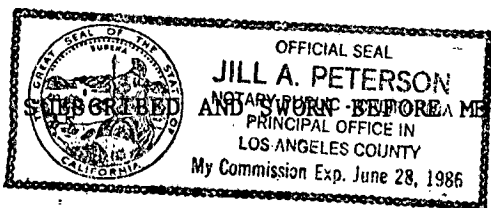
OPERATOR OF THE Armstrong LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 1-6 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 29th DAY OF September, 19 83, AND THAT

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

FURTHER AFFIANT SAITH NOT.



THIS 14 DAY OF December, 19 83

Signature of Jill A. Peterson, Notary Public

MY COMMISSION EXPIRES: June 28, 1986

**The person who can be reached by phone regarding any questions concerning state corporation commission. 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

RECEIVED

DEC 19 1983

12-19-83

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'	350'	Ogalalla Formation	
Black Shale	350'	928'	Pierre Shale	
White Specks Shale	928'	1121'	White Specks Sh	
Chalk	1121'	1153'	Niobrara	
Shale	1153'	TD	Shale	
No DST's or other O.H. Tests				

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	Socks	Type and percent additives
Surface	8.75	7.00	23	409'	Neat	140	3% CaCl 2% Gel
Production	6.25	4.25	9.5	1250'	Neat	75	2% Gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
			2 spf	3 1/8 ssb	1136' - 1152'

TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Erac with 100,000 # Sand 785 BBLs H ₂ O 64000 scf CO ₂	1136' - 1152'

Date of first production	Producing method (Flowing, pumping, gas lift, etc.)	Gravity
SIGW		

RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water % bbls.	Gas-oil ratio	CFPB

Disposition of gas (vented, used on lease or sold)	Perforations
	1136-1152'