

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 Helmerich & Payne, Inc.

API NO. 15-101-20589-00-00

ADDRESS P.O. Box 558 Garden City, Kansas 67846

COUNTY Lane

FIELD Pendennis South

**CONTACT PERSON Millard Lindsay PHONE 275-6378

PROD. FORMATION Kansas City A & Kansas City B

LEASE Leighton "A"

PURCHASER Rock Island

WELL NO. No. 5

ADDRESS

WELL LOCATION NW/4 SW/4, SE/4

DRILLING Blue Goose Rig 1

2310 Ft. from East Line and

CONTRACTOR

990 Ft. from South Line of

ADDRESS Gt. Bend, Kansas

the E/2 SEC. 4 TWP. 17S RGE. 27W

PLUGGING

WELL PLAT

CONTRACTOR

ADDRESS

RECEIVED STATE CORPORATION COMMISSION

MAR 15 1982

CONSERVATION DIVISION Wichita, Kansas

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

Well plat grid with handwritten '4' and '5' in the center and bottom-right cells.

TOTAL DEPTH 4595 PBD 4541

SPUD DATE 12-21-81 DATE COMPLETED 3-11-82

ELEV: GR 2617 DF 2621 KB 2624

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

Amount of surface pipe set and cemented 611 KBM DV Tool Used? No

AFFIDAVIT

STATE OF Kansas, COUNTY OF Finney SS, I,

Millard L. Lindsay OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS Dist Production Manager (FOR) (OR) Helmerich & Payne, Inc.

OPERATOR OF THE Leighton "A" LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. 5 ON

SAID LEASE HAS BEEN COMPLETED AS OF THE 11th DAY OF March, 19 82, AND THAT

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

FURTHER AFFIANT SAITH NOT.

(S) Millard L. Lindsay

SUBSCRIBED AND SWORN BEFORE ME THIS 12th DAY OF March, 19 82.

Clifford K. Pendergast NOTARY PUBLIC

MY COMMISSION EXPIRES: 1 October 1982

**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.

SIDE TWO

WELL LOG

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

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.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Kansas City A-Limestone, Good \emptyset Show free oil 12-14%	4139	4170	Heebner Lansing-Kc	3843 3882
Kansas City B -Limestone, Good \emptyset 8-10% Fair show free oil Fair odor	4174	4206	Kansas City A Kansas City B Marmaton Ft. Scott	4139 4174 4333 4389
Cherokee Sand-sandstone Very good int/gr \emptyset 8-12% Fair show free oil Fair odor	4462	4485	Cherokee Sand Miss	4462 4500
<p>DST #1 KC A 4135-4160 IFP -94-149 <u>Recovery</u> ISIP -479 720' gas FFP - 157-180 120' SMC0 FSIP - 479 305' Froggy Oil</p> <p>DST #2 KC B 4168-4200' IFP - 31-31 <u>Recovery</u> ISIP - 943 120' gas FFP - 54-62 15' gassey oil FSIP - 911 105' oil spotted muddy H₂O</p> <p>DST #3 Cherokee Sand 4447-4480 IFIP - 54-219 <u>Recovery</u> ISIP - 1244 2' oil FFP - 219-219 13' SMC0 FSIP - 1221 390' oil specked mud.</p> <p>No Cores Taken</p>				
			DTD LTD	4595 4596
			Ran CDL & DIL logs	

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	12 1/4	8-5/8	23	611 KBM	Howco Litewate Class A	175 140	3% CaCl ₂ 3% CaCl ₂
Long String	7-7/8	5 1/2	14	4582 KBM	Howco Litewate 60-40 Pozmix	115 185	2% gel, 10% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None				.42	
TUBING RECORD			2	Omega Jet Shot	4185-4190
Size	Setting depth	Packer set at			
2-3/8	4248	None	2	" "	4144-4158

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated
550 gals	15% HCl acid	4185-4190
950 gals	15% HCl acid	4144-4158

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity		
2-21-82	Pumping	37.3		
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	74 bbls.	TSTM	23% 22 bbls.	CFPB
Disposition of gas (vented, used on lease or sold)		Perforations		
Gas TSTM		KCA 4144-4158 & KCB 4185-4190		