

STATE OF KANSAS
STATE CORPORATION COMMISSION
200 Colorado Derby Building
Wichita, Kansas 67202

WELL PLUGGING RECORD
K.A.R.-82-3-117

15-077-20448-0000

API NUMBER N/A

LEASE NAME Ludeman

WELL NUMBER B-2

SPOT LOCATION SW-NW-NE

SEC. 1 TWP. 34S RGE. 6 (E) or (W)

COUNTY Harper

Date Well Completed 1977

Plugging Commenced 3/6/86

Plugging Completed 3/25/86

LEASE OPERATOR Pickrell Drilling Co.

ADDRESS 110 N. Market, Suite 205, Wichita, KS 67202

PHONE # (316) 262-8477 OPERATORS LICENSE NO. 5123

Character of Well Oil
(Oil, Gas, D&A, SWD, Input, Water Supply Well)

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? Wichita, KS

Is ACO-1 filed? yes If not, is well log attached? yes

Producing formation _____ Depth to top _____ bottom _____ T.D. 4960

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

Formation	Content	From	To	Size	Put in	Pulled out
				8 5/8	215	None
				5 1/2	4958	3754.49

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used state, the character of same and depth placed, from _____ feet to _____ feet each set. Plug back at 4743, sand from 4743 to 4400 5sx cement to 4370, Allied pump 3sx hull, 18sx cell, 115sx cement, 60-40 POZ

VanGieson, AuMiller and E. Morgenstern on location.

(If additional description is necessary, use BACK of this form.)

Name of Plugging Contractor Clarke Corp License No. 5105

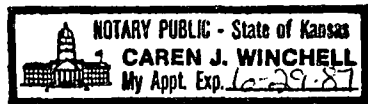
Address P.O. Box 187, Medicine Lodge, KS 67104

STATE OF Kansas COUNTY OF Barber, ss.

Elmo Morgenstern (employee of operator) or (operator) of above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed that the same are true and correct, so help me God.

(Signature) Elmo Morgenstern

(Address) Medicine Lodge, KS 67104



SUBSCRIBED AND SWORN TO before me this 25 day of March, 1986

My Commission expires: June 29, 1987

Caren J. Winchell
RECEIVED Notary Public
STATE CORPORATION COMMISSION

MAR 28 1986

Form CP-4
Revised 01-84

15-077-20448-0000

KANSAS DRILLERS LOG

S. 1 T. 34S R. 6W

API No. 15 _____
County _____ Number _____

Loc. SE NW NE

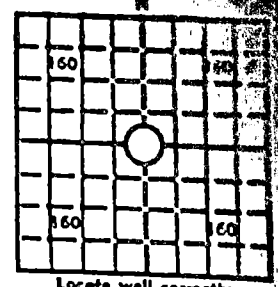
Operator
PICKRELL DRILLING COMPANY

County **Harper**

Address
205 LITWIN BLDG., WICHITA, KS. 67202

640 Acres
M

Well No. **2** Lease Name **LUDEMAN "B"**



Footage Location
feet from (N) (S) line _____ feet from (E) (W) line _____

Principal Contractor **PICKRELL DRILLING COMPANY** Geologist **HANK FILSON**

Elev.: Gr. **1252**

Spud Date **9-09-77** Total Depth **4960** P.B.T.D. _____

Date Completed **10-07-77** Oil Purchaser **Koch**

DF **1254** KB **1257**

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surf. casing		8 5/8		215		160	
Prod. casing		5 1/2"		4958		150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8	4878	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize w/200 gals. 15% NE.	

INITIAL PRODUCTION

Date of first production 10-7-77	Producing method (flowing, pumping, gas lift, etc.) Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil 100-115BOPD bbls. Gas 69-72 MCF Water 1% bbls. Gas-oil ratio _____ CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval (s) 4882 1/2 - 4885 1/2

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.