

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

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

API NUMBER 15-097-20,353-0000

LEASE NAME Rader

WELL NUMBER "A" #1

660 Ft. from S Section Line

4620 Ft. from E Section Line

SEC. 15 TWP. 27 RGE. 19 (E) or (W)

COUNTY Kiowa

Date Well Completed _____

Plugging Commenced 11-5-86

Plugging Completed 11-20-86

TYPE OR PRINT
 NOTICE: Fill out completely
 and return to Cons. Div.
 office within 30 days.

LEASE OPERATOR Pickrell Drilling Company, Inc.

ADDRESS 110 North Market Suite 205, Wichita, Ks. 67202

PHONE# (316) 792-2802 OPERATORS LICENSE NO. 5123

Character of Well Gas

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

Did you notify the KCC District Office prior to plugging this well? Yes

Which KCC Office did you notify? One (1)

Is ACO-1 filed? _____ If not, is well log attached? With application

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 4790'

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"	258'	None
				4-1/2"	4785'	2,509.23'

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. Allied squeezed off open hole with 2 sacks hulls and 25 sacks 60/40 pozmix cement at 2,000 psi. Max pressure. Shut in pressure was 500 psi. after displacing the plug to 4700'. Shot casing at 3800', 3300', 3000', 2700' and 2500'. Pulled 62 joints of 4-1/2" casing. Allied squeezed well with 3 sacks hulls, 10 sacks gel, 70 sacks cement, 10 sacks gel, 1 sack hulls, released plug and pumped 150 sacks 60/40 pozmix cement with 6% added gel and 3% calcium chlordie. Max. press. 500 psi-shutin 200 psi.

Name of Plugging Contractor Rockhold Eng. License No. 5111

Address Box 698, Great Bend, Ks. 67530

STATE OF Kansas COUNTY OF Barton, ss.

James W. Rockhold (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) James W. Rockhold

(Address) James W. Rockhold
 Box 698, Gt. Bend, Ks. 67530

SUBSCRIBED AND SWORN TO before me this 24th day of November, 1986

STATE NOTARY PUBLIC
 IGNA M. LEATHERMAN
 Barton County, Kansas
 My Appt Exp. 9-26-87

Iona M. Leatherman
 Notary Public

My Commission Expires: _____

NOV 25 1986
 RD 11-25-86

KANSAS DRILLERS LOG

S. 15 T. 27 R. 19W
 C SW SW

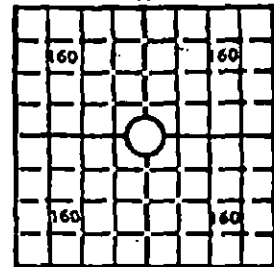
API No. 15 ————— County ————— Number —————

County Kiowa

Operator PICKRELL DRILLING COMPANY

640 Acres
N

Address 205 LITWIN BLDG., WICHITA, KS. 67202



Well No. 1 Lease Name RADER "A"

Elev.: Gr. 2231

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

Principal Contractor PICKRELL DRILLING COMPANY Geologist George Dent

Spud Date 9-14-76 Total Depth 4790 P.B.T.D. —————

Date Completed 10-11-76 Oil Purchaser —————

DF 2234 KB 2236

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	Socks	Type and percent additives
		8 5/8		258'		200	
		4 1/2		4785		150	

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Socks cement	Shots per ft.	Size & type	Depth interval
				Open Hole Completion	

TUBING RECORD

Size	Setting depth	Packer set at
2 3/8"	4782	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidize down tubing w/250 gal. 15% mud acid	

INITIAL PRODUCTION

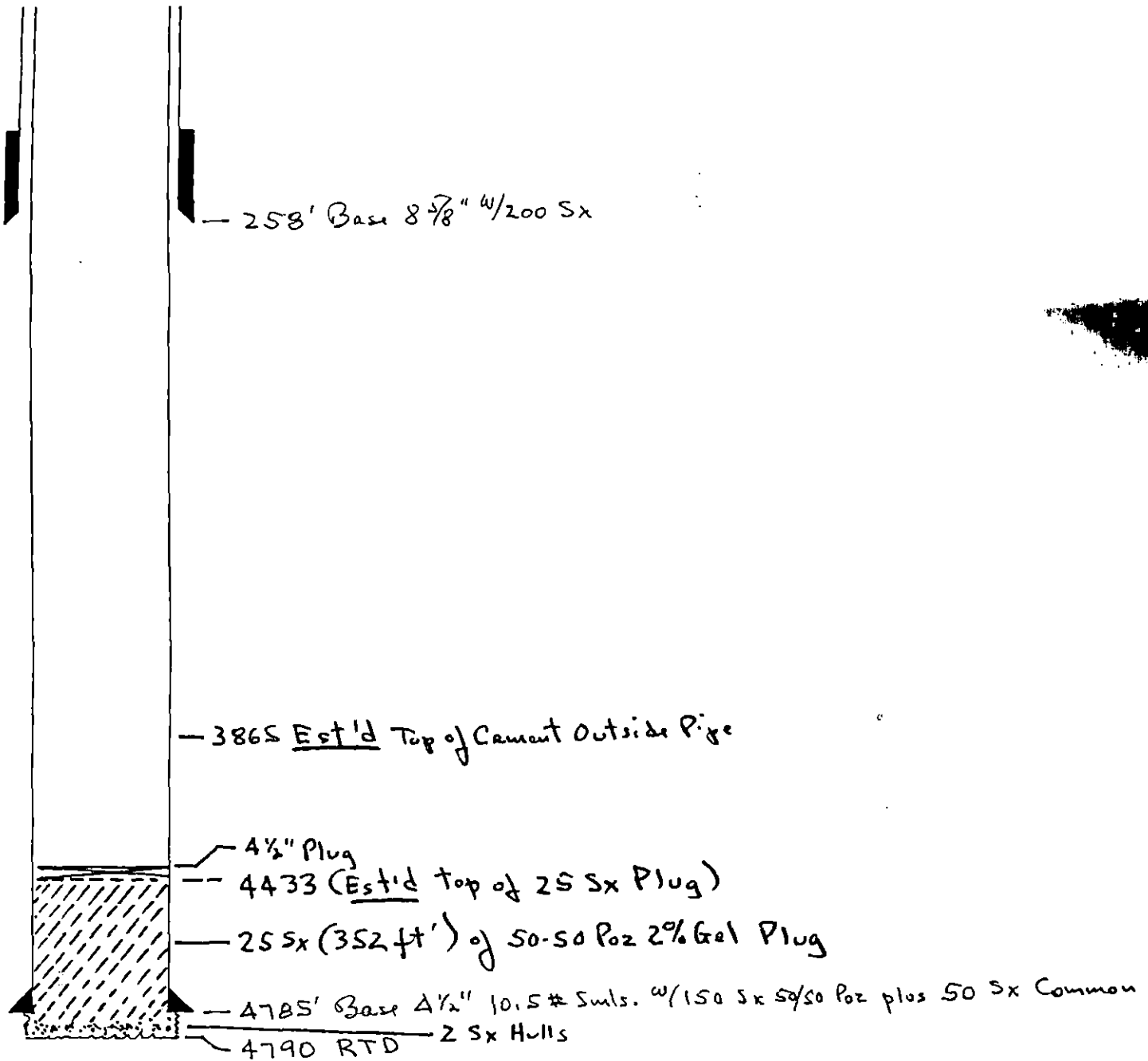
Date of first production	Producing method (flowing, pumping, gas lift, etc.) <u>Flowing Gas Well</u>	<u>OCT 27 1976</u>
RATE OF PRODUCTION PER 24 HOURS	Oil bbls. <u>1500</u>	Gas MCF <u>1500</u>
Disposition of gas (vented, used on lease or sold) <u>Waiting on Connection</u>	Water bbls. <u>1500</u>	Gas-oil ratio CFPB <u>1500</u>
Producing interval(s) <u>4785-4790</u>		

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 open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

BAKER SERVICE TOOLS - TALLY PAD

New Completion Workover

Oil Company _____ Well No. 1 Field Quaker South Lease Radar "A"
Company Man _____ Date Drilled 1977 County Kiowa State Kansas



REMARKS: _____

Produces from open hole 4785-4790

OCT 27 1986