

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

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

API NUMBER 15-051-22399 -0000

LEASE NAME C.A. Carmichael

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

WELL NUMBER 4

330 Ft. from ^N ~~XSX~~ Section SW/4 Line

660 Ft. from E ^{SW/4} Section Line

SEC. 9 TWP. 11 SRGE. 17 ~~(XX)~~ or (W)

COUNTY Ellis

LEASE OPERATOR Quinoco Petroleum, Inc.

ADDRESS P.O. Box 378111, Denver, CO 80237

PHONE# (303) 850-7373 OPERATORS LICENSE NO. 03613

Character of Well oil

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

Date Well Completed 7-9-81

Plugging Commenced 5-24-89

Plugging Completed 5-24-89

The plugging proposal was approved on 5/23/89 (date)

by _____ (KCC District Agent's Name).

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

Producing Formation Arbuckle/L-KC Depth to Top 3082 Bottom 3436 T.D. 3475

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

OIL, GAS OR WATER RECORDS

CASING RECORD

RCUD
 RECEIVED 06-16-89
 STATE CORPORATION COMMISSION

Formation	Content	From	To	Size	Put In	Pulled out
Arbuckle	oil	Surf	209	8 5/8	209	
L-KC	oil	Surf	3473	5 1/2	3473	

JUN 16 1989
 CONSERVATION DIVISION
 Wichita, Kansas

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.
Hooked up to 5 1/2" csg, mixed & pumped 65/35 poz, 10% gel, 500# hulls w/ 300 sx cmt, mixed csg. Pumped 5 sx down 8 5/8" csg.

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

Name of Plugging Contractor Halliburton Services License No. 03613

Address P.O. Box 579, Great Bend, KS 67530

NAME OF PARTY RESPONSIBLE FOR PLUGGING FEES: Quinoco Petroleum, Inc.

STATE OF _____ COUNTY OF _____, ss.

Suzanne E. Meadows (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) Suzanne E. Meadows

(Address) _____

SUBSCRIBED AND SWORN TO before me this 13th day of June, 19 89

Judy S. Atkins
 Notary Public

My Commission Expires: 4/19/93

15-051-22399-00-00

Dresser Atlas

Laterolog

Gamma Ray

Neutron

FILE NO.	COMPANY <u>ENERGY RESERVES GROUP, INC.</u>	
	WELL <u>CARMICHAEL NO. 4</u>	
	FIELD <u>UPPER TURKVILLE</u>	
	COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>
LOCATION: <u>30' W, 30' S, N/2-NE-SW/4</u>		Other Services <u>CALIPER</u>
SEC <u>9</u> TWP <u>11S</u> RGE <u>17W</u>		

Permanent Datum <u>GROUND LEVEL</u>	Elev. <u>1856</u>	Elevations: KB <u>1861</u>
Log Measured from <u>KELLY BUSHING</u> <u>5</u> Ft. Above Permanent Datum		DF <u>1859</u>
Drilling Measured from <u>KELLY BUSHING</u>		GL <u>1856</u>

Date	5-9-81		RECEIVED STATE CORPORATION COMMISSION APR 12 1983 CONSERVATION DIVISION Wichita, Kansas	
Run No.	ONE			
Depth—Driller	3479			
Depth—Logger	3475			
Bottom Logged Interval	3474			
Top Logged Interval	100			
Casing—Driller	8-5/8 @ 208			
Casing—Logger	208			
Bit Size	7-7/8"			
Type Fluid in Hole	STARCH MUD			
	@	@	@	@
Density and Viscosity	9.6	43		
pH and Fluid Loss	6.0	15.6 cc	cc	cc
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	.174 @ 68 °F	.109 @ 109 °F	@ °F	@ °F
Rmf @ Meas. Temp.	.129 @ 68 °F	.080 @ 109 °F	@ °F	@ °F
Rmc @ Meas. Temp.	.224 @ 68 °F	.140 @ 109 °F	@ °F	@ °F
Source of Rmf and Rmc	MEAS	CALC		
Rm @ BHT	.109 @ 109 °F	@ °F	@ °F	@ °F
Time Since Circ.	7 HRS.			
Max. Rec. Temp. Deg. F.	109 °F	°F	°F	°F
Equip. No. and Location	4060	GB		
Recorded By	PATNE			
Witnessed By	MR. WEHRLI	MR. WRISTON	MR. HUTTON	