

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

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

15-051-22884-00-00

API NUMBER _____

LEASE NAME Roth

WELL NUMBER "A" #1

3630 Ft. from S Section Line

330 Ft. from E Section Line

SEC. 36 TWP. 13 RGE. 17 (E) or (W)

COUNTY Ellis

Date Well Completed _____

Plugging Commenced 9-22-86

Plugging Completed 10-6-86

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

LEASE OPERATOR Chief Drilling Co., Inc.

ADDRESS 151 N. Main Suite 700 Wichita, Ks. 67202

PHONE# (310-653-4856) OPERATORS LICENSE NO. 5886

Character of Well oil

(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? Six (6)

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

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 3534'

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"	206'	None
				4-1/2"	3374'	2,368.69'

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. Dumped sand to 3330' and 4 sacks cement. Shot casing at 2800, 2600' and 2400'. Pulled 57 joints of 4-1/2" casing. B. J. Titan squeezed well with 5 sacks hulls and 125 sacks cement blended with 2 sacks hulls. Maximum pressure was 1200 psi and shutin 600 psi.

Name of Plugging Contractor Rockhold Engineering, Inc. License No. 5111

Address Box 698, Great Bend, Kansas 67530

STATE OF Kansas COUNTY OF Barton, ss.

RECEIVED
 STATE CORPORATION COMMISSION
 CONS. DIV. WICHITA, KS

OCT 10-09-86

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 8th day of October, 1986

Iona M. Leatherman
 Notary Public

My Commission Expires:

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

WELL LOG

15-051-22884-00-00

CHIEF DRILLING CO., INC.
905 Century Plaza
Wichita, Kansas 67202

CONTRACTOR: Warrior Drilling, Inc.

COMMENCED: 2-22-82

CASING RECORD: Ran 5 jts., new 8 5/8" 20# casing

COMPLETED: 3-1-82

198' set @ 206' K.B. cemented w/145 sx. common 2 % gel
3% c.c. Plug down @ 9:40 p.m.

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>ELEVATIONS</u>
Surface Sand & Clay	0	210	1989 Gr.
Clay & Sand	210	650	1991 D.F.
Sand & Shale	650	1110	1994 K.B.
Anhydrite	1144	1181	
Shale	1181	2740	
Shale & Lime	2740	3260	
Shale	3260	3334	
Lime & Shale	3334	3372	
Shale & Lime	3372	3463	
Lime	3463	3534	
RTD	3534		

82 jts. new 4 1/2" 10.5# casing

STATE OF KANSAS, COUNTY OF SEDGWICK) ss:

I hereby certify that the above is a true and correct copy of the Driller's Log of the well drilled in the NE SE NE SEC. 36-13S-17W Ellis County, Kansas, to the best of my knowledge and belief.

CHIEF DRILLING CO., INC.

F. W. Shelton, Jr.
F. W. Shelton, Jr., Vice President

Subscribed and sworn to before me this 3rd day of March.

MARTHA E. GUSTIN
NOTARY PUBLIC
STATE OF KANSAS

Martha E. Gustin, Notary Public

SEP 15 1982