

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

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

API NUMBER 15-155-20,054-0000

LEASE NAME Grandon "A" #1

WELL NUMBER _____

_____ Ft. from S Section Line

_____ Ft. from E Section Line

SEC. 4 TWP. 24s RGE. 4w (E) or (W)

LEASE OPERATOR Ritchie Exploration, Inc.

ADDRESS 125 N. Market, Suite 1000, Wichita, Ks. 67202 COUNTY Reno

PHONE#(316) 267-4375 OPERATORS LICENSE NO. 4767 Date Well Completed _____

Character of Well _____ Plugging Commenced 12/10/86

(Oil, Gas, D&A, SWD, Input, Water Supply Well) Plugging Completed 12/30/86

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

Which KCC Office did you notify? Wichita

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

Producing Formation _____ Depth to Top _____ Bottom _____ T.D. 3430'

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
				10 3/4	259'	none
				4 1/2"	3428'	767.51'

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.

Plugged bottom with sand to 3380' & 4 sacks cement. Shot pipe at 2600', 2000', 1500', 1000', & 767'. Pulled 25 joints of pipe. Plugged well with 5 hulls, plug, & 150 sacks econolite cement.
Plugging complete.

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

Name of Plugging Contractor Kelso Casing Pulling, Inc. License No. 6050 LD
 STATE CORPORATION COMMISSION

Address Box 347, Chase, Ks. 67524

STATE OF Kansas COUNTY OF Rice, ss. IAN 7 1987

R. Darrell Kelso, President (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) R. Darrell Kelso

(Address) Box 347, Chase, Ks. 67524

SUBSCRIBED AND SWORN TO before me this 31st day of December, 19 86

Irene Hoover
 Notary Public

My Commission Expires:



DRILLERS LOG

GRANDON NO. 1

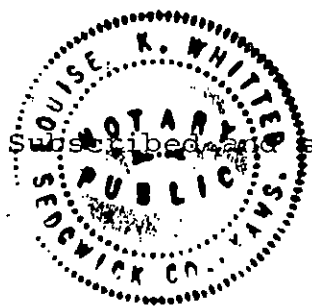
CASING RECORD:	OPERATOR: Rosen Oil Company	DESCRIPTION:
10-3/4" @ 259' w/250 sax cement	CONTRACTOR: Sage Drilling Co.	SW NW NE Sec. 4-24S-4W Reno County, Kansas
TOTAL DEPTH: 3428'	COMMENCED: April 26, 1968	ELEVATION: 1477KB
	COMPLETED: May 5, 1968	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface Soil & Clay	0	15	
Sand Gravel	15	62	
Clay	62	64	
Gravel	64	114	
Clay	114	117	
Gravel	117	132	
Clay	132	134	
Clay	240	255	
Shale	255	520	
Lime & Shale	520	570	
Chert, Lime & Shale	570	840	
Lime & Shale	840	1745	
Shale & Lime	1745	2105	
Lime & Shale	2105	3428	4½" @ 3428' w/100 sax

I certify that this is a true and correct copy of the above log to the best of my knowledge.

SAGE DRILLING CO., INC.

By Wayne W. Kahmeyer
Wayne W. Kahmeyer



Subscribed and sworn to before me this 8th day of May, 1968.

Louise K. Whitted
Louise K. Whitted, Notary Public

My commission expires:
November 26, 1970.

RECEIVED MAY 10 1968