

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

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

#4
API NUMBER 15-009-14483-0000

LEASE NAME Schartz

WELL NUMBER #1

 Ft. from S Section Line

 Ft. from E Section Line

SE SE SW
SEC. 7 TWP. 20S RGE. 12W (E) or (W)

COUNTY Barton

Date Well Completed

Plugging Commenced 7-6-88

Plugging Completed 7-13-88

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

LEASE OPERATOR Knighton Oil Company, Inc.

ADDRESS 710 Petroleum Bldg.
Wichita, Kansas 67202

PHONE# (316) 264-7918 OPERATORS LICENSE NO. 5010

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? Dist #6 Hays, Kansas

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

Producing Formation Depth to Top Bottom T.D. 3448'

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"	366'	none
				5-1/2"	3270'	2450'

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 off bottom with sand to 3125' and 5 sacks cement. Shot pipe @2450', pulled a total of 114 joints of 5-1/2" casing. Pumped 500# hulls and 125 sacks econolite down 5-1/2" casing.
Plugging Complete.

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

Name of Plugging Contractor Kelso Casing Pulling, Inc. License No. 601501 5 1988

Address P.O. Box 347 Chase, Kansas 67524

STATE OF Kansas COUNTY OF Rice, ss.

R. Darrell Kelso (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

Box 347

(Address) Chase, Kansas 67524

SUBSCRIBED AND SWORN TO before me this 14th day of July, 19 88

Jane Hoover
Notary Public

My Commission Expires:



COPY

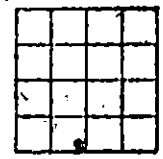
WELL LOG BUREAU - KANSAS GEOLOGICAL SOCIETY
412 Union National Bldg., Wichita, Kansas

Company - HANLON-BOYLE, INC.
Farm - Schartz No. 1-A

SEC. 7 T. 20 R. 12W
SE SE SW

Total Depth. 3448.
Comm. 12-24-48 Comp. 1-13-49
Shot or Treated.
Contractor. L-S-T Drilling Co.
Issued. 3-5-49

County. Barton
KANSAS



CASING:
8 5/8" OD 366'
5 1/2" OD 3270'

Elevation. _____
Production. 463 bbls.

Figures Indicate Bottom of Formations.

sand	85
iron, sand	159
shale, sand	260
sand shale, redbed	366
redbed	672
anhydrite lime	685
redbed, shale blue	845
shale, shells	1150
salt	1170
salt, shale	1420
shale, shells	1435
lime brkn	1570
lime	1655
lime, shale	1775
lime, shale brks	1877
lime	1955
lime, shale	2136
lime	2190
lime, shale	2275
shale, shells	2370
shale, lime shells	2460
shale, shells	2595
shale, lime	2785
lime, hrd	2799
arbuckle lime	3448
total depth	

Tops:
Anhydrite 672