

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

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

API NUMBER 15-135-22,608-6000

LEASE NAME Harkness

WELL NUMBER 1

SPOT LOCATION C NE NE

SEC. 5 TWP. 19 RGE. 24 (X) or (W)

COUNTY Ness

Date Well Completed 7-4-84

Plugging Commenced 7-4-84

Plugging Completed 7-4-84

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

LEASE OPERATOR Raymond Oil Company, Inc.

ADDRESS One Main Place Suite 900 Wichita, KS 67202

PHONE # (316) 267-4214 OPERATORS LICENSE NO. 5046

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

Did you notify the KCC/KDHE Joint District Office prior to plugging this well? yes

Which KCC/KDHE Joint Office did you notify? Steve Durand, Dodge City, Ks.
to be filed by

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

Producing formation _____ Depth to top _____ bottom _____ T.D. 4450

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

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.

Bottom Plug: @ 1650' w/50 sacks 60/40 pozmix 2% gel 3% cc. thru drill pipe

Next Plug: @ 690' w/50 sacks " " " " " "

Top Plug: 40' w/Solid Bridge of 1/2 sack hulls & 10 sacks cement

10 sacks cement in Rat Hole

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

Name of Plugging Contractor Duke Drilling Co., Inc. License No. 5929

Address P.O. Box 823 Great Bend, KS 67530

STATE OF Kansas COUNTY OF Barton, ss.

Bill Draney

(employee of operator) or

XXXXXX 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.

RECEIVED
STATE CORPORATION COMMISSION

(Signature) Bill Draney

(Address) P.O. Box 823 Great Bend, KS 67530

JUL 11 1984

SUBSCRIBED AND SWORN TO before me this 9th day of July, 1984
Wichita, Kansas

Anthony M. Hagare
Notary Public

My Commission expires: 4-29-86

DRILLER'S WELL LOG

DATE COMMENCED: June 26, 1984
 DATE COMPLETED: July 4, 1984

Raymond Oil Co., Inc.
 HARKNESS #1
 C NE NE
 Sec. 5, T19S, R24 W
 Ness County, Ks.

ELEVATION: 2347 K.B.

0 - 1627' Surface Soil, Shale, Post Rock, Sand
 1627 - 1667' Anhydrite
 1667 - 3532' Lime & Shale
 3532 - 3741' Lime
 3741 - 3745' Shale
 3745 - 3765' Lime & Shale
 3765 - 4218' Lime, Shale, Chert
 4218 - 4373' Lime
 4373 - 3319' Sand
 4419 - 4450' Chert, Lime
 4450' RTD

FORMATION DATA

Anhydrite	1627'
Topeka	3532'
Neenar	3741'
Toronto	3765'
Lansing K.C.	3784'
Marmaton	4136'
Pawnee	4218'
Fort Scott	4294'
Cherokee Sand	4373'
Mississippi	4419'
RTD	4450'

Surface Pipe: Set new
 8-5/8" 20# pipe @650'
 w/325 sacks 60/40 pozmix
 2% gel 3% cc.

AFFIDAVIT

STATE OF KANSAS
 COUNTY OF BARTON) ss

Bill Draney of lawful age, does swear and state that the facts and statements
 herein are true and correct to the best of his knowledge.

Subscribed and sworn to before me this 9th day of July 1984.

My Comm. Expires:

4-29-86

Bill Draney

Harvey M. Heggen
 Notary Public

RECEIVED
 STATE CORPORATION COMMISSION
 JUL 11 1984
 CONSERVATION DIVISION
 Wichita, Kansas