

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

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

API NUMBER 15-051-24,188

LEASE NAME Crissman

WELL NUMBER 4

SPOT LOCATION NE SW SW

SEC. 1 TWP. 13 RGE. 18 (X or (W)

COUNTY Ellis

Date Well Completed 3-17-85

Plugging Commenced 3-17-85

Plugging Completed 3-17-85

LEASE OPERATOR National Development Company

ADDRESS 205 East Central, Suite 120 Wichita, KS 67202

PHONE # (316) 267-1331 OPERATORS LICENSE NO. 5114

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? Hays, 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. 3700

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: @ 1370' w/25 sacks 50/50 pozmix 6% gel 3% cc. thru drill pipe

Next Plug: @ 770' w/100 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

RECEIVED

STATE CORPORATION COMMISSION

STATE OF Kansas COUNTY OF Barton, ss.

Bill Draney

(employee of operator)

MAR 20 1985

~~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.

(Signature) Bill Draney

(Address) Box 823 Great Bend, KS 67530

SUBSCRIBED AND SWORN TO before me this 19 day of March, 1985

Nancy M. Haque  
Notary Public

My Commission expires: 4-29-86

DRILLER'S WELL LOG

DATE COMMENCED: March 12, 1985  
DATE COMPLETED: March 17, 1985

15057-17715-1-001  
National Development Co.  
CRISSMAN #4  
NE SW SW  
Sec. 1, T13S, R18W  
Ellis County, Ks.

ELEVATION: 2098 K.F.

0 - 1353' Surface Soil, Post Rock,  
Shale, & Sand  
1353 - 1378' Anhydrite  
1378 - 3080' Lime & Shale  
3080 - 3328' Lime  
3328 - 3332' Shale  
3332 - 3352' Lime & Shale  
3352 - 3603' Lime  
3603 - 3700' Shale, lime, Chert, Sand  
3700' RTD

FORMATION DATA

Anhydrite 1353'  
Topeka 3080'  
Heebner 3328'  
Toronto 3352'  
Lansing 3402'  
Conglomerate 3603'  
Congl. Chert 3626'  
RTD 3700'

Surface Pipe: Set used  
8-5/8", 28# pipe @ 765' w/250  
sacks 60/40 pozmix 2% gel 3% cc.

AFFIDAVIT

RECEIVED  
STATE CORPORATION COMMISSION

STATE OF KANSAS  
COUNTY OF BARTON) ss

MAR 20 1985

CONSERVATION DIVISION  
Wichita, Kansas

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.

*Bill Draney*

Subscribed and sworn to before me this 19 day of March 1985.

My Comm. Expires:

4-29-86

*Loisley M. Nague*  
Notary Public