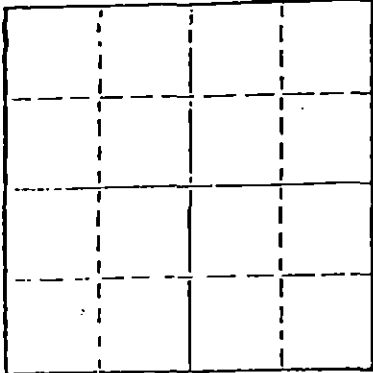


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Stafford County. Sec. 29 Twp. 21S Rge. 13W E/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines
330' from W L & 1980' from SL C W/2 NW SW
Lease Owner Cardinal Energy Co., Inc.
Lease Name Keller A Well No. 1
Office Address P.O. Box 817, Great Bend, Kansas 67530
Character of Well (Completed as Oil, Gas or Dry Hole) Dry Hole



Locate well correctly on above
Section Plat

Date Well completed Jan 26 19 80
Application for plugging filed Jan 26 19 80
Application for plugging approved Jan 26 19 80
Plugging commenced 7:00 AM 1-26 19 80
Plugging completed 10:00 A.M. 19 80
Reason for abandonment of well or producing formation Dry

If a producing well is abandoned, date of last production
Yes none 19
Was permission obtained from the Conservation Division or
its agents before plugging was commenced? yes

Name of Conservation Agent who supervised plugging of this well Bill Owens, Pratt, Kansas
Producing formation Depth to top Bottom Total Depth of Well 3756'
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
Clay & Sand	0	0	373	8 5/8	371	0

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 hold. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Spot 40 sacks @ 600'
Spot 40 sacks @ 360'
Plug & 1/2 Sack Hulls @ 40'
Solid held Kelly
10 Sacks @ 40' 5 sacks in rat hole
Plugged by Allied

1-31-1980
RECEIVED
STATE CORPORATION COMMISSION
JAN 31 1980
CONSERVATION DIVISION
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor Bergman Drilling, Inc.
520 Union Center, Wichita, Kansas 67202

STATE OF Kansas COUNTY OF Sedgwick, ss.
Harold I. Bergman (employee of owner) or (owner or operator)
of the 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 and that the same are true and correct. So help me God.

(Signature) [Signature]
Harold I. Bergman, 520 Union Center
Wichita, Kansas 67202
(Address)

SUBSCRIBED AND SWORN TO before me this 29th day of January, 19 80

Alma A. Neises
Alma A. Neises Notary Public.

My commission expires May 31, 1982

BERGMAN DRILLING, INC.

DRILLERS LOG


Re: Keller A # 1
 C W/2 NW SW Section 29-21S-13W
 Stafford County, Kansas

OPERATOR: Cardinal Energy Company, Inc.
 CONTRACTOR: Bergman Drilling, Inc.
 COMMENCED: January 15, 1980
 COMPLETED: January 26, 1980
 TOTAL DEPTH: 3756' Set 371' 8 5/8" w/325 sacks


0	373	Surface
373	1060	Red Bed & Natural Solids
1060	1585	Shells & Shale
1585	1820	Shale - Lime
1820	2025	Shale & Lime
2025	2190	Lime & Shale
2190	2330	Shale - Lime
2330	2688	Lime & Shale
2688	2870	Lime & Shale
2870	3090	Lime & Shale
3090	3240	Lime & Shale
3240	3360	Lime & Shale
3360	3435	Lime
3435	3510	Kansas City Lime & Shale
3510	3529	Kansas City Lime & Shale
3529	3630	Kansas City Lime
3630	3690	Kansas City Lime & Viola
3690	3735	Viola - Arbuckle
3735	3756	Arbuckle Top
3756	Arbuckle	Arbuckle
3756		Total Depth D & A

RECEIVED
 STATE CORPORATION COMMISSION
 JAN 31 1980
 CONSERVATION DIVISION
 Wichita, Kansas

We certify that the above and foregoing to be true and correct copy of the drillers log on the # 1 Keller A, located in Stafford County, Kansas, as revealed by the records of Bergman Drilling, Inc.


 Harold I. Bergman

Subscribed and sworn to before me this 29th day of January, 1980.


 Alma A. Neises, Notary Public
 My commission expires May 31, 1982