STATE OF KANSAS
STATE CORPORATION COMMISSION
CONSERVATION DIVISION
500 INSURANCE BUILDING
212 NORTH MARKET
WICHITA 2, KANSAS

WELL PLUGGING APPLICATION FORM
File One Copy

15-039-00117-00-00

Lease Owner
(Applicant) Empire Drilling Company

Address 650 Fourth National Bank Building, Wichita 2, Kansas

Lease (Farm Name) Muirhead

Well Location C SW SE Sec. 28 Twp. 48 Rge. 28 (W)

Well No. 1

County Decatur

Field Name (If any)

Total Depth 4075 Oil Well Gas Well Input Well SWD Well D & A X

Was well log filed with application? yes If not, explain:

Date and hour plugging is desired to begin October 10, 1961

Plugging of the well will be done in accordance with the Rules and Regulations of the State Corporation Commission.

Name of the person on the lease in charge of well owner Marion C. Helberg

Address 715 West McFarland

Hill City, Kansas

Plugging Contractor Empire Drilling Company License No.

Address 650 Fourth National Bank Building, Wichita 2, Kansas

Invoice covering assessment for plugging this well should be sent to Empire Drilling Company

Address 650 4th Nat'l. Bank Bldg., Wichita 2, Kansas

and payment will be guaranteed by applicant.

Signed: ____________________________
Applicant or Acting Agent
Dan J. Kornfeld

Date: October 17, 1961
LOG

18-039-00117-00-00

COMPANY: Empire Drilling Company

CONTRACTOR: Empire Drilling Company

FARM: Muirhead # 1

LOCATION: C SW SE of Section 28-4S-28W, Decatur County, Kansas

COMMENCED: September 29, 1961

COMPLETED: October 10, 1961

ELEVATION: 2697 KB

POTENTIAL: D & A

0 to 221 Surface Sand-Shale
221 to 300 Shale-Shells
300 to 1800 Shale-Sand
1800 to 1850 Shale
1850 to 2055 Shale-Sand
2055 to 2087 Shale
2087 to 2106 Gypsum
2106 to 2180 Shale w/Pyrite
2180 to 2311 Shale-Shells
2311 to 2493 Shale
2493 to 2527 Anhydrite
2527 to 2657 Shale-Shells
2657 to 2780 Shale
2780 to 2935 Lime-Shale
2935 to 3000 Lime
3000 to 3245 Lime-Shale
3245 to 3645 Lime
3645 to 3720 Lime-Shale
3720 to 3780 Lime
3780 to 3850 Lime-Shale
3850 to 4075 Lime
4075 Rotary Total Depth

SET: 178' of 8 5/8" casing with 115 sacks cement.

ELECTRIC LOG TOPS:

Heebner 3822 -1125
Toronto 3852 -1155
Lansing 3867 -1170
Base EC 4066 -1369
Log TD 4076

CERTIFICATION

I, Dan J. Kornfeld, do hereby certify that the above and foregoing is a true and correct copy of the log on the Muirhead # 1, C SW SE of Section 28-4S-28W, Decatur County, Kansas, as reflected by the files of Empire Drilling Company.

[Signature]

Dan J. Kornfeld

Subscribed and sworn to before me, a Notary Public, within and for Sedgwick County, Kansas, this 17th day of October, 1961.

[Signature]

Lucille H. Harr, Notary Public

My commission expires October 21, 1962.
WELL PLUGGING AUTHORITY

Empire Drg. Co.
650 4th Natl Bk Bldg
Wichita, Kansas

Well No. 1
Lease Muirhead
Description C SW 3E 28-4-28
County Decatur

This is your authority to plug the above subject well in accordance with the Rules and Regulations of the State Corporation Commission.

This authority is void after 90 days from the above date.

Very truly yours,

J. P. ROBERTS
Assistant Petroleum Conservation Director

Mr. Eldon Petty
is hereby assigned to supervise the plugging of the above named well.

In the event you need any further information regarding this well feel free to write or call me at any time.

Harold J. Hollis
Kansas Field Supervisor
P. O. Box 569
Great Bend, Kansas
Phone: GL 3-2126