

4-4-28W

**CONTRACTOR'S
LOG**

OWNER:
CONTRACTOR:
LEASE:
LOCATION:

Halliburton Oil Producing Company
Hollar Drilling Company, Inc.
#5 Vavroch
C NE NE, Section 4-48-28W
Decatur County, Kansas
December 7, 1980
December 9, 1980
Set 8-5/8" @ 244' w/200 sacks cement
Set 8-1/2" @ 3944' w/140 sacks cement

COMMENCED:
COMPLETED:
CASING:

OCT 18 1988
KANSAS GEOLOGICAL SURVEY
WICHITA BRANCH

0 - 228	Shale & Sand streaks
228 - 244	Gravel & Shale
244 - 1900	Shale
1900 - 2210	Shale, Clay & Anhydrite
2210 - 2472	Anhydrite
2472 - 2840	Shale & Anhydrite stringers
2840 - 3092	Shale, Lime
3092 - 3185	Lime
3185 - 3200	Shale
3200 - 3422	Lime, Shale
3422 - 3560	Shale
3560 - 3675	Shale, Lime streaks
3675 - 3745	Shale, Shells
3745 - 3948	Lime
3948	Rotary Total Depth

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS:

I, D. L. Hollar, do hereby certify that the above and foregoing is a true and correct copy of the log of the VAVROCH #5, located in the C NE NE, Section 4-48-28W, Decatur County, Kansas, as reflected by the files of the Hollar Drilling Company, Inc.

RECEIVED
STATE CORPORATION COMMISSION

OCT 17 1988

CONSERVATION DIVISION
Wichita, Kansas

HOLLAR DRILLING COMPANY, INC.

BY D. L. Hollar
D. L. Hollar, President

Subscribed and sworn to before me, a Notary Public, in and for Sedgewick County, Kansas, this 17th day of December, 1980.

Manda Lou Burea
Notary Public

My commission expires March 6, 1981.