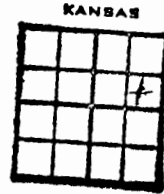


SEP 29 1972

API # 15-071-20,158

DRILLERS' LOG



HERSHBERGER EXPLORATIONS, INC.
No. 1 Johnson
C SE NE, Sec. 23-31S-6W
Harper County, Kansas

Elevation: 1392 K.B.

Commenced: 7-21-72
Completed: 8- 3-72

Surface Casing: 203'
of 8-5/8" cemented with
170 sx cement, 3% cc.
7-22-72

IP: DRY/SIMP

FORMATION

DEPTH

Surface Hole	0 - 209
Shale	209 - 975
Lime & Shale	975 - 1245
Shale & Lime	1245 - 1570
Lime & Shale	1570 - 3385
Sand	3385 - 3465
Lime & Shale	3465 - 3710
Lime	3710 - 4551
Lime & Shale	4551 - 4650
Sand	4650 - 4680 T.D.

LOG TOPS:

Kansas City	3630
Mississippi	4231
Kinderhook	4534
Simpson Sand	4646

I do hereby certify that the foregoing statements are true and correct to the best of my knowledge and belief.

D N B DRILLING, INC.

James L. Donelson
JAMES L. DONELSON

STATE OF KANSAS: ss:

Subscribed and sworn to before me, the undersigned, a Notary Public in and for said state, this 7th day of August, 1972.

My Commission Expires:
August 25, 1972

Ella Priess
Ella Priess, Notary Public