NSAS GEOLOGICAL SOCIETY
508 East Murdock
Wichita, Kansas

DEC 26 1970

31-21-24W
CSE NW

Elev. 2361'KB

P 80 BOPD, NW Miss
GR 37

CABBERT-JONES, INC.
WICHITA, KANSAS
DRILLERS' WELL LOG

HUMMEL "A" #1
SE NW Section 31-21S-24W
Hodgeman County, Kansas

Commenced: October 29, 1970
Completed: November 11, 1970

OPERATOR - Beardmore Oil, Inc.

DEPTH From	To	FORMATION	REMARKS
0	20	Clay and sand	
20	735	Shale	Ran 17 joints of 8-5/8" casing, set @ 469' w/275 sacks cement.
735	1660	Red bed, shells and shale	
1660	2355	Shale	
2355	2488	Shale and lime	
2488	2725	Lime	
2725	3810	Shale and lime	
3810	4466 4466	Lime	
4466	4483	Core - lime	
4483	TD		Ran 143 joints of 5-1/2" casing (30 joints wrapped), set @ 4457' w/75 sacks cement.

Sample Tops
Anhydrite 1569
Heebner 3793
Lansing 3845
BKC 4224
Mrm. 4251
Ft Scott 4375
Cher 4400
Miss 4460
" Dol 4464

I, James S. Sutton, II, certify this is a correct copy of the Drillers' Log for the well drilled in the SE NW Section 31-21S-24W, Hodgeman County, Kansas, to the best of my knowledge and belief.

James S. Sutton, II
JAMES S. SUTTON, II

STATE OF KANSAS)
) SS
COUNTY OF SEDGWICK)

Before me, the undersigned, a Notary Public within and for said County and State, on this 13 day of November, 1970, personally appeared James S. Sutton, II, to me personally known to be the identical person who executed the within and foregoing instrument and acknowledged to me that he executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

Barbara J. Layton
Barbara J. Layton, Notary Public

My Commission Expires Feb. 1, 1972

BARBARA J. LAYTON
NOTARY

31 - 21 - 24W

FORMATION TOPS

Anhydrite	1569	(+ 793)
Heebner	3793	(-1543)
Lansing	3845	(-1585)
Base of K. C.	4224	(-1863)
Marmaton	4251	(-1890)
Fort Scott	4375	(-2019)
Mississippian	4460	(-2099)
Miss. Dolomite	4464	(-2103)
Miss. Osage		
RTD	4483	(-2122)

Core No. 1 4466-83 - 17' full recovery

DST #1 4076-4135 Open 1 hr. 20 min. Rec. 2790' salt water.
SIP 1378-1378#. FP 105-1309#

DST #2 4266-4326 Open 50 min. Rec. 10' mud/specks oil.
SIP 140-87#, FP 52-70#

DST #3 4417-4483 Open 1 hr., 15 min. Rec. 520' very muddy oi
SIP 1308 in 30 min., 1308 in 60 min. FP 52-262#