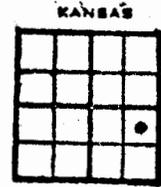


33-21-24W
App C NE SE

33-21-24W

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



DEUTSCH #1
C NE SE, Sec. 33-21S-24W
Hodgeman County, Kansas

API # 15-083-20,234
LOG TOPS

Commenced: August 4, 1972
Completed: August 17, 1972

0501	YHMA
0502	HEEB
0503	LKC
0504	FT SC
0505	MISS DOL
0506	RTD
0507	RTD

OPERATOR: OASIS PETROLEUM, INC.

Depth From	To	Formation	Remarks
0	565	Topsoil-clay-sand-blue shale	Ran 13 double joints of used 28#
565	1180	Shale	8 5/8" csg set @ 561' cemented
1180	1370	Sand	w/300 sks common 3% CC 2# Gel
1370	1432	Shale-sand	P.D. @ 11:15 PM 8/4/72
1432	1676	Shale-redbed	Cement Circ.
1676	1710	Anhydrite	
1710	2027	Shale-redbed	
2027	2055	Shale	
2055	2582	Shale-lime	LOG TOPS:
2582	3105	Line-shale	ANHY 1670
3105	3454	Shale-lime	HEEB 3920
3454	3990	Line-shale	LKC 3970
3990	4609	Lime	FT SC 4500
4609	4694	Coring	MISS DOL 4612
4694	4724	Lime-chert	LTD 4723
4724	TD		RTD 4724



Ran 149 joints of used 5 1/2" csg. set @ 4723' cemented w/150 sks Howcolite - 100 sks of 50/50 Posmix 18% Salt. D.V. Tool @ 1723' cemented w/325 sks of Howcolite. Cement Circ. Job complete @ 7:45 AM 8/17/72

I, James S. Sutton, II, certify this is a correct copy of the Drillers' Log for the well drilled in the C NE SE, Section 33-21S-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 22nd day of August, 1972, 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.