

DRILLERS LOG

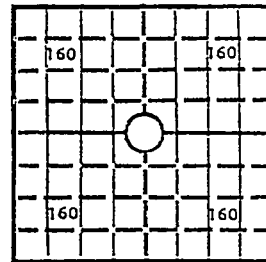
S. 8 T. 10 R. 20 E W

API No. 15 - 087 - 20,254
County Number

Loc. SW 1/4 NE 1/4 NE 1/4

County Jefferson

640 Acres
N



Locate well correctly

Elev.: Gr. _____

DF _____ KB _____

Operator Calibogue Kansas Corporation	
Address P. O. Box 224 McLouth, Kansas 66054	
Well No. 28	Lease Name McLeod
Footage Location feet from (N) (S) line _____ feet from (E) (W) line _____	
Principal Contractor Caney Valley Drilling Company	Geologist
Spud Date 2-18-86	Total Depth 1721'
Date Completed 2-25-86	P.B.T.D.
Oil Purchaser	

CASING RECORD

Report of all strings set—surface, intermediate, production, etc.

Dose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	12 1/4"	8-5/8"		283.85'	O.W.C.	180	3% cal.
PRODUCTION	6-3/4"	4 1/2"	9.4#	1721'	60-40 pos.	247	5% sil. 2% gel 4% salt

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Soil	0	2	Lime	186	190	Lime	713	717
Clay	2	10	Shale	190	199	Shale	717	721
Sand	10	14	Lime	199	207	Lime	721	725
Shale	14	19	Shale	207	341	Shale	725	728
Sand	19	21	Lime	341	344	Lime	728	755
Shale	21	55	Shale	344	476	Shale	755	761
Lime	55	56	K.C.	476	480	Lime	761	808
Shale	56	58	Shale	480	488	Sandy shale	808	1287
Lime	58	64	Lime	488	498	Lime	1287	1290
Shale	64	66	Shale	498	503	Sandy shale	1290	1314
Lime	66	73	Lime	503	509	Lime	1314	1324
Shale	73	77	Shale	509	526	Sandy shale	1324	1414
Lime	77	81	Lime	526	542	Sand	1414	1419
Shale	81	91	Shale	542	570	Sandy shale	1419	1474
Lime	91	96	Lime	570	585	Sand (odor)	1474	1498
Shale	96	115	Shale	585	611	Sandy shale	1498	1517
Lime	115	117	Lime	611	626	Miss. lime	1517	
Shale	117	135	Shale	626	646	(good odor)	1571	1576
Lime	135	136	Lime	646	656	B.K. (show of	1661	1721
Shale	136	152	Shale	656	661	oil on pit)		
Lime	152	161	Lime	661	664	CANONICAL SURVEY		
Shale	161	163	Shale	664	672	WICHITA BRANCH		
Lime	163	182	Lime	672	701	FEB 6 1987		
Shale	182	186	Shale	701	713			