25-9-19E

S. 25 T. 9 R. 19 E W

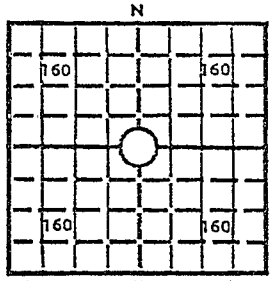
DRILLERS LOG

Loc. C SW¼ SW¼

API No. 15 — 087 — 20,169
County Number

County Jefferson

640 Acres



Locate well correctly

Operator
Jerry Lutz Oil & Gas CONFIDENTIAL

Address
Route U.S. 131, South Reed City, Michigan 49677

Well No.	Lease Name
5	Bollinger

Footage Location
feet from (N) (S) line feet from (E) (W) line

Principal Contractor	Geologist
Caney Valley Drilling Company	Larry Bagshaw

Spud Date	Total Depth	P.B.T.D.
7-23-85	2092'	

Elev.: Gr. _____

Date Completed	Oil Purchaser
8-1-85	

DF _____ KB _____

OCT 1 6 1985
State Geological Survey
WICHITA BRANCH

CASING RECORD

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

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
SURFACE	12¼"	8-5/8"		119'	Portland		3% cal.
PRODUCTION	7-7/8"	5½"		2088'	OWC 60/40 Pos.	250 225	2% salt 12% Gilsenite

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	10	Shale	628	632	Shale	1062	1070
Clay	10	32	Lime	632	640	Lime	1070	1074
Shale	32	58	Shale	640	666	Shale	1074	1082
Sandy shale	58	130	Lime	666	685	Lime	1082	1094
Lime	130	135	Shale	685	697	Shale	1094	1163
River sand	135	140	Lime	697	702	Sand	1163	1173
Shale	140	183	Shale	702	706	Sandy shale	1173	1369
Lime	183	186	Lime	706	722	Lime	1369	1380
Shale	186	212	Shale	722	743	Shale	1380	1392
Lime	212	219	Lime	743	750	Sandy shale	1392	1589
Sandy shale	219	224	Sandy shale	750	762	Sand, middle	1589	1603
Broken lime	224	250	Lime	762	767	Sandy shale	1603	1612
Sandy shale	250	265	Shale	767	768	Mc-sand, lower	1612	1621
Lime	265	273	Sand	768	775	Sandy shale	1621	1628
Sandy shale	273	395	Shale	775	778	Top Miss.	1628	
Lime	395	398	Lime	778	811	Top 40' Dolomite zone	1670	1674
Shale	398	524	Sandy shale	811	816	Bottom break of of 40' zone	1676	1680
Lime	524	530	Lime	816	862	BK zone	1744	1787
Shale	530	535	Sandy shale	862	1000	Lime	1787	1940
Lime	535	546	Lime	1000	1017	Chatanooga shale	1940	1992
Shale	546	578	Shale	1017	1045	Hunton	1992	2092 TD
Lime	578	590	Lime	1045	1048	Lost circulation	2092'	
Shale	590	623	Shale	1048	1055			
Lime	623	628	Lime	1055	1062			

RECEIVED
STATE CORPORATION COMMISSION
OCT 15 1985
CONSERVATION DIVISION
Wichita, Kansas

MISCH—COFFEYVILLE