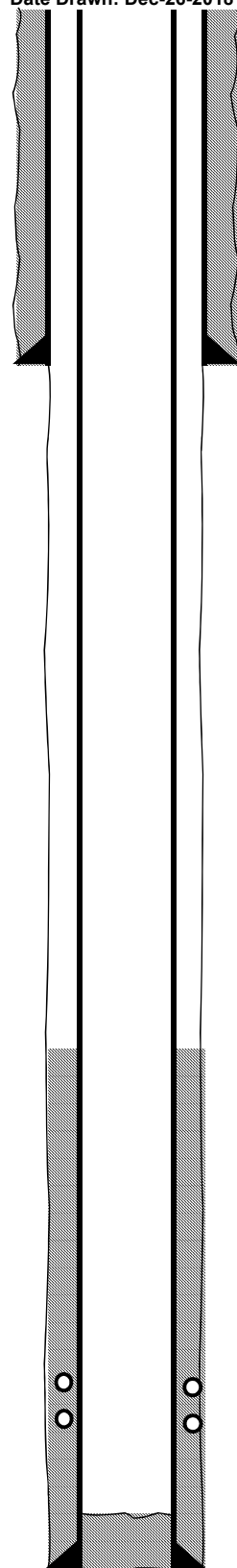


Well/Facility:	<u>Warnecke #1</u>	Well Status:	<u>Current</u>
Operator:	<u>Magpie Operating Inc</u>	Formation:	<u>J Sand</u>
Lease/Op Agmt:		Prod Interval:	
Field:	<u>Shield</u>	API #:	<u>05-075-05621</u>
County:	<u>Logan</u>	GR/KB:	<u>4,197' / 4,206'</u>
State:	<u>CO</u>	TD:	<u>5,045'</u>
Spud:	<u>9/14/1960</u>	PBTD:	<u>5,013'</u>
Comp. Date:	<u>9/19/1960</u>	WI:	<u>100.00000%</u>
1st Prod:	<u>10/6/1960</u>	NRI:	
Xmas tree:			
Surface Loc:	<u>660 FSL 660 FEL</u>		
Sec-Twn-Rge:	<u>SENE 30 8N53W</u>		
Comments:	<u>Current Wellbore</u>		

Date Drawn: Dec-26-2018



Hole Size
12-1/4"

Surface Csg @ 134'
8-5/8", 24#
Cement to surface 100 sx

Hole Size
7-7/8"
TD 5045'

No tubing in the hole.

Gologic Markers	
MD	
4,012	Niobrara
4,400	Carlile
4,596	Greenhorn
4,855	D Sand
4,960	J Sand

Perfs - J Sand
4963-4968'
4970-4971'
4 SPF, 24 Shots

Prod Csg @ 5044'
5-1/2", 14#
125 sx cement TOC = 4388'