

Wellbore Diagram

Lease & Well No.	Brnak #32-10
Field Name	Wattenberg
Location	2010' FNL & 1980' FEL; T1N R64W Sec 10
	Lat 40.067556 Long 104.534556
K.B. Elevation	
D.F. Elevation	
Ground Level	5,099'

Operator	Toltek Drilling Co
County & State	Weld County, Colorado
API No.	05-123-10916

Surface Casing					
Hole Size	12 1/4"	Csg Wt	24.0#	Depth	118'
Csg Size	8 5/8"	Sx. Cmt.	180 sx	TOC @	0'
Intermediate Casing					
Size (OD)	n/a	Weight		Depth	
Grade		Sx. Cmt.		TOC @	
Production Casing					
Hole Size	7 7/8"	Weight	11.6#	Depth	
Csg Size	4 1/2"	Stg 1 Sx. Cmt.	200 sx	TOC @	
DV Tool		Stg 2 Sx. Cmt.		TOC @	

Visual

CBL

Current Status: DA

Tubing Detail:

8 5/8" Csg Set @ 118'
60 sks Cmt plug from 155' to surface
85 sxs Cmt Plug set f/ 1,300 - 1,114'
75 sxs Cmt Plug set f/ 2,040 - 1800'

Well History

11/17/82 - Spud Well
11/27/82 - TD Well @ 7,800'
11/28/82 - Abandon well; Set 100 sx cmt plug f/ 1,040 - 660', 20 Sx Plug 1/2in / 1/2 out of surface shoe and 10 sx surface plug
9/26/17 - As per discussion with Dirk Sulphin w/COGCC decision was made to plug the well at 2040' Pumped 75 sxs 15.2 cement from 2040-1800'
9/27/17 - pumped 85 sks Cmt plug from 1,300-1,114'
9/27/17 - pumped 60 sks Cmt plug from 155' to surface

Formation Record	Depth
B/ Fox Hills	1,000'
Sussex	
Niobrara	6,886'
Niobrara 'B'	
Niobrara 'C'	
Ft Hays	
Codell	
J-Sand	

Plug Back Depth	
Total Depth	7,800'