BISON OIL & GAS

Final Wellbore Schematic

Well Name:	Zimith 1	Date Prepared:	11/23/2021
Location:	2310' FNL, 990' FWL, SWNW Sec 14, T9N, R58W	Last Updated:	5/23/2022
County	Weld	Spud Date:	2/9/1952
API #:	05-123-05659	Completion Start Date:	N/A
Co-ordinates:	40.752315 / -103.837065	Last Workover Date:	N/A
Elevations:	GROUND: 4660'	Prepared by:	Jake Van Bramer
	KB: 4672'	Updated by:	--
Depths (KB):	PBTD: --		
	TD: 6292'		

All depths KB

Surf Csg
10-3/4", 32.75# H-
Set at 313'
200 sacks cement

Base of Fox Hills - 300'
313'

25 sks

339'

268 sks

517'

1457'

Water zone -
COGCC Resistivity log calls
Pierre Top - 1600'

115 sks

1715'

5065'

Production Csg
None

225 sks

Nio Top - 5435'

5543'

6091'

D Sand - 6183'

50 sks

J Sand - 6271'

6283'

PBTD - --'
TD - 6292'

Hole Size	
Unknown	0-313'
8.875"	313'-6292'

Surface Casing:
Unknown Hole Size, assumed to be 15"
Landed 10-3/4", 32.75# H-40 casing at 313'
Cemented with 200 sks
Landed 5-1/2", 15.5# casing at 339'
Cemented with 210 sks

Production Casing:
No production casing

Open Hole:
339'-6292', 8-7/8/" hole size

Tubing:
None

Rods:
None

Perforations:
None

P&A Plugs:
1. 50 sks from 6091'-6283' (TOC Tagged)
2. 225 sks Class G (1.15 cuft/sk) from 5065'-5543' (TOC Tagged)
3. 115 sks Class G (1.15 cuft/sk) from 1457'-1715' (TOC Tagged)
4. 268 sks Class G (1.15 cuft/sk) from 517' to surface
5. 25 sks Top Off

Additional Notes:
Water came up out of the ground when we entered well, dug out wellhead to find source of leak in surface casing but was unable to find. Ran new 5-1/2" 15.5# casing to 339' and cemented in with 210 sks Class G (1.15 cuft/sk) to remediate

Initial Potential Test:

Formation Tops:

Niobrara	5435'
D Sand	6183'
J Sand	6271'

PBTD - --'
TD - 6292'