

Flint #1: Task 2 - Plug and Abandon - 385598 067-06422

Flint #1

Prepared	8/15/2022	<b>Notes:</b> Spud 08/11/1980 Deepest water well within 1 mile is 150'
FIELD NAME	Wild Cat	
FIELD NUMBER	99999	

LOCATION

Basin	San Juan	Mineral Onwer: Fee
Location-Townships	33N	Surface Owner: Fee
Location-Ranges	12W	
Elevation	6,644'	

Depth	Formation/Member	Existing Casing and Cement Coverage
0'		109' Surface Casing, 9-5/8", 40 ppf cemented w/ 40 sx in 12-1/2" hole
500'	Estimated Mesa Verde 450' Estimated Menefee 612'	
1,000'	Estimated Point Lookout 1,067'	Originally 1,444' Intermediate Casing, 7", 20 ppf cemented w/X sx in 8-1/4" hole *Pulled after production casing was set
1,500'		
2,000'	Estimated Gallup 2,210'	
2,500'		TOC @2,880' per Calc
3,000'	Estimated Dakota 3,252'	3,470' Production Casing, 4-1/2", 10.5 ppf cemented w/55 sx in 6-1/4" hole
3,500'		3,497' TMD / 3,497' TVD PBSD 3,497'

Space	Hole/Csg	Csg
Annulus above shoe	9.625	4.5
Annulus below shoe	6.25	4.5
Casing		4.5
Plug #	sx	bbls
1	2	0.4
2	45	9.0
3	45	9.0
4	45	9.0
5	70	14.0
Total	207	41

\*BOP or other mechanical method should be used for well control

Depth	Proposed Plug Placement
0'	Fill cement to surface in all annuli w/additional sx as needed Cut, cap, and bury per COGCC rules/regulations/guidelines
500'	Plug 5 Circulate 70 sx w/returns to surface Establish circulation to surface Perf 4-1/2" @ 159'
1,000'	Plug 4 Squeeze 30 sx w/ 15 sx cement on top Set 4-1/2" CICR @ 572' and establish injection rate Establish injection rate Perf 4-1/2" @ 622'
1,500'	Plug 3 Squeeze 30 sx w/ 15 sx cement on top Set 4-1/2" CICR @ 1,027' and establish injection rate Establish injection rate Perf 4-1/2" @ 1,077'
2,000'	Plug 2 Squeeze 30 sx w/ 15 sx cement on top Set 4-1/2" CICR @ 2,170' and establish injection rate Establish injection rate Perf 4-1/2" @ 2,220'
2,500'	Run CBL/CCL/Caliper Log
3,000'	Roll the hole Pressure test casing after setting CIBP
	Plug 1 Set 4-1/2" CIBP @ 3,200' w/2 sx on top
	RIH w/gauge ring & tag existing PBTD Remove any obstructions in the well to reach PBTD Remove rods, tubing, tubing anchor/packer/BHA Kill the well - Do not assume well is dead