Phoenix Resources Bond Claim: Plug; 316753, 107-06048
Baierl Fee 3

Prepared	2/25/2026	**Notes:**
Operator # 10691		Spud Date 8/13/1976
FIELD NAME	**SAGE CREEK**	
FIELD NUMBER	**76150**	
LOCATION		
Basin	SAND WASH BASIN	Mineral Owner: Fee
Location-Townships	5N	Surface Owner: Fee
Location-Ranges	88W	
Elevation	7549'	

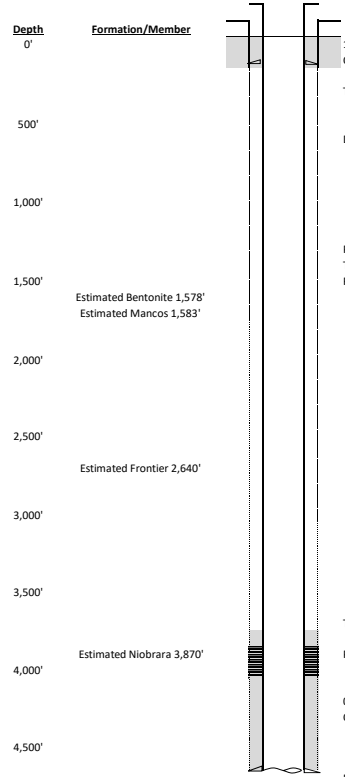
Space	Hole/Csg	Csg	cf/f	bbls/ft
Annulus above shoe	8.5	7.625	0.1380	0.0247
Annulus below shoe	8.5	7.625	0.1385	0.0247
Casing		7.625	0.2673	0.0476

Plug #	sk	bbls
1	7	1.4
2	24	4.8
3	24	4.7
4	24	4.7
5	17	3.3
6	5	1.0
		0.0
		0.0
Total	101	19.9

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

	Units			
	ft	ft^3/ft	ft^3/sack	
Sacks Cement	Length of Plug	Capacity	Yield	
101.00	830	0.2632	1.15	

	Units		
	ft	ft^3/ft	ft^3/sack
Sacks Cement	Length of Plug	Capacity	Yield
101.00	1296.32	0.0896	1.15



Existing Casing and Cement Coverage

104' Surface CSG, 8-5/8", 24 ppf
Cemented w/ 75 sx in 12-1/4" hole

TOC @ surface Per Calc

Deepest Water Well 400' < 1 Mile

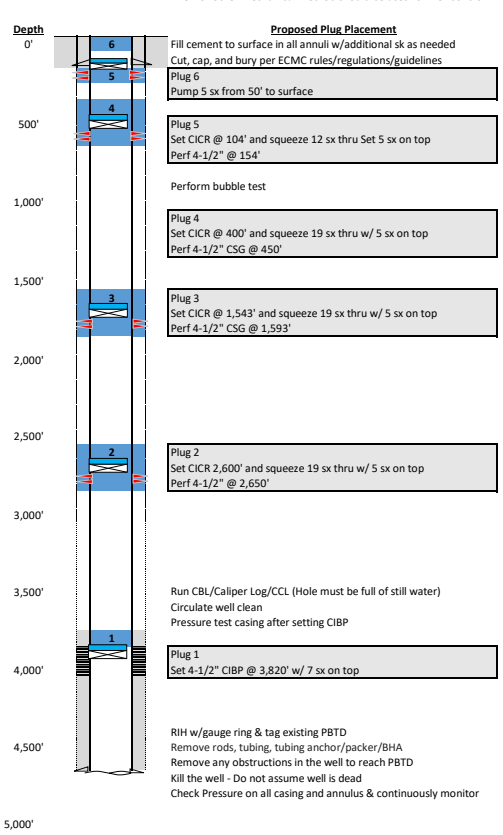
Possible
Tubing - 2-3/8" @4,640'
Rods, pump, packer, anchor

TOC @ 3,855' per Calc

Perfs @ 3,870 - 4,625' - Niobrara

0' - 4,755' Production CSG, 4-1/2", 10.5 ppf
Cemented w/ 125 sx in 6-3/4" hole

PBTD 4,755'
4,816' TMD / 4,816' TVD



Proposed Plug Placement

Fill cement to surface in all annuli w/additional sk as needed
Cut, cap, and bury per ECMC rules/regulations/guidelines

Plug 6
Pump 5 sx from 50' to surface

Plug 5
Set CICR @ 104' and squeeze 12 sx thru Set 5 sx on top
Perf 4-1/2" @ 154'

Perform bubble test

Plug 4
Set CICR @ 400' and squeeze 19 sx thru w/ 5 sx on top
Perf 4-1/2" CSG @ 450'

Plug 3
Set CICR @ 1,543' and squeeze 19 sx thru w/ 5 sx on top
Perf 4-1/2" CSG @ 1,593'

Plug 2
Set CICR 2,600' and squeeze 19 sx thru w/ 5 sx on top
Perf 4-1/2" @ 2,650'

Run CBL/Caliper Log/CCL (Hole must be full of still water)
Circulate well clean
Pressure test casing after setting CIBP

Plug 1
Set 4-1/2" CIBP @ 3,820' w/ 7 sx on top

RIH w/gauge ring & tag existing PBTD
Remove rods, tubing, tubing anchor/packer/BHA
Remove any obstructions in the well to reach PBTD
Kill the well - Do not assume well is dead
Check Pressure on all casing and annulus & continuously monitor