

Rankin J Walter Unit # 2

Existing Features	
KB	10

Surface csg shoe at	330
---------------------	-----

Bottom of Foxhills	730
--------------------	-----

Squeeze job top	3615
-----------------	------

Top	4076
Sussex	No Perfs

Squeeze job bottom	4390
--------------------	------

Shannon	Bottom	4695
---------	--------	------

TOC Existing	6950
--------------	------

Top	6959
Niobrara	No Perfs

Top	7220
Codell	No Perfs

Top		7661
J Sand	Top Perf	7664
	Bottom Perf	7694

PBMD	7767
------	------

Redi Mix 23 sacks

250
Sacks

200
Sacks

130
Sacks

2 sacks

Proposed Additions for P&A

100	CIBP w/ redi mix
-----	------------------

230	TOC
-----	-----

830	Casing Stub
1030	Bottom of cement

3876	Top of Sussex Plug
------	--------------------

4470	Top Squeeze Perf
4530	CICR

4745	Bottom Squeeze Perf
------	---------------------

6470	Top Squeeze Perf
6530	CICR

6870	Bottom Squeeze Perf
------	---------------------

7350	Cement Bottom
------	---------------

7600	CIBP
------	------

API#	0512309929			
Well:	Rankin J Walter Unit # 2			
Equipment	Specs.	Depth	Capacity (bbl/ft)	Capacity ft ³ /ft
Surface Casing	8 5/8" 24#	330	0.0637	0.3576
Production Casing	4 1/2" 10.5#	7812	0.0159	0.0895
Tubing String	2 3/8" 4.70#	7646	0.003870	0.0217
Sx/ Sh Casing Hole size	10.00"		0.0971	0.5454
NB/CD Casing Hole size	9.00"		0.0787	0.4418

Legend	
	cement with CBL
	new proposed cement
	assumed cement w/ no CBL
	cast iron cement retainer
	cast iron bridge plug
	mud