

Dugan Production

Dugan Well #	Gallup Injection Interval	Surf Csg			Prod Csg			TOC	Tub ing		Liner	Inj Press- Oprtr PSI	Max Allow Inj Press PSI	Avg Inj Rate- Oprtr B/D	Max Inj Rate- Oprtr B/D	Cum Vol @ Avg Inj Rate- 20 Yrs MMB	Calc Est Vol of Inj Intrvl r=2640'M MB	Avg Eff Poro	So	h	r (calc)	
		Dia	Set @	Cmt	Dia	Set @	Cmt		Dia	Pkr Depth												
45-05588 157 WBU	4834'-4945'	10-3/4"	212'	200sx to surf	7"	5018'	200sx	4004' Calc	2- 3/8"	4830'	4-1/2" set @ 4830' cmt to surf	960 max	967	400	1000	2.92	9.9	12%	50%	43'	1423'	157
45-05688 127 WBU	5028'-5048'	9-5/8"	214'	to surf	5- 1/2"	5210'	100sx	4400' TS	2- 3/8"	4980'	N/A	650-867	1006	400	1000	2.92	4.7	12%	50%	20'	2086'	127
45-05682 125 WBU	4956'-5060'	9-5/8"	214'	175sx to surf	5- 1/2"	5073'	100sx	4425' TS	2- 3/8"	4921'	N/A	939 avg	991	32 avg	N/R			12% 200md	50%			125
45-05642 144 WBU	4990'-5004'	9-5/8"	198'	175sx to surf	5- 1/2"	5185'	135sx	4465' TS	2- 3/8"	4789'	3-1/2" set @ 4867' cmt to surf	939 avg	998	287 avg	N/R	2.09	3.3	12% 200md	50%	14'	2111'	144

Information Supplied by B.II Freeman
Navajo EPA