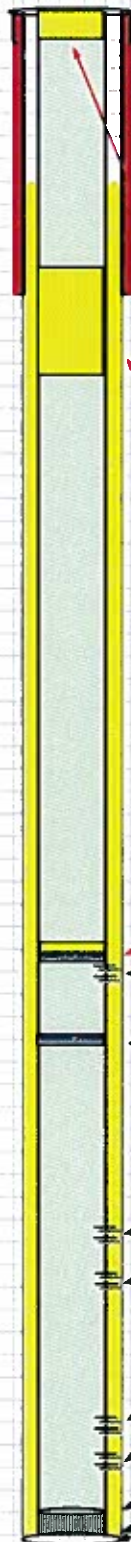




Well Bore Schematic

Proposed Abandonment



Well Name	McElwain 12-4	
Diagram Date	04-Dec-04	
Surface Location	1812' FNL, 1010' FWL, Sec. 12, T9S, R94W	
Btm Hole Loc.	648' FNL, 675' FWL, Sec 12, T9S, R94W	
Field	Brush Creek	
County	Mesa	
State	Colorado	
API No.	05-077-08828-00	
Fed Lease No.	Fee (State permit # 20042234)	
AFE#		
G.L. Elevation	7699'	
K.B. Elevation	7715'	
Conductor	40'	16" .250" wall
Cement w/	100 sx	Type V 80/20 w / 4% Gel, 4% Salt (BWOW), 0.1% Versaset. & 0.125 #/sk Polyflake.
Casing	1076'	31 Jts. 8 5/8" 32# J-55 ST&C Ipsco
Cement w/	170 sx	Type V w/ 2% Calseal, 2% Econolite, 0.3% Versaset, & 5.64#/sk Salt.
	190 sx	Type V 80/20 POZ w/ 2% Calseal, 2% Econolite, 0.3% Versaset 5.64 #/sk Salt, & 0.125 #/sk Polyflake.
50' Surface Plug		
BTW/Surface Shoe - Shoot sqz holes @ 1320', set retainer @ 1270' and squeeze w/ 50 cuft and leave 24 cuft on top of retainer (200' of cement outside the 4-1/2" casing and TOC inside casing @ 1000')		
Casing	8734'	208 jts. 4 1/2" 11.60# L-80 LT&C casing.
Cement w/	Lead Cement 800 sx	MG 25/75 POZ w / 10 % lime, 8% Gel, 0.125 #/Sk Polyflake.
	Tail Cement 1000 sx	MG 50/50 POZ w / 2% Gel, 0.3% Halad 322, 0.6% Halad 23, 0.1% HR-5, 0.3% Versaset, & 0.2% Super CBL.
CIBP @ 3000' w/ 2 sxs cement		
Wasatch G	3045, 55, 72, 81	
CIBP set @ 3300' 11/06		
Williams Fork	6603 - 6775	frac w/ 57,000 # 20/40 White sd
Williams Fork	6863 - 7225	frac w/ 73,000 # 20/40 White sd
Cozzette	8398 - 8459	unable to pump in
Corcoran	8562 - 8631	frac w/ 53,000 # 20/40 White sd
PBTD	8,689'	
FLOAT COL	8,690'	
SHOE	8,734'	
TD	8,735'	