

# OXY USA Inc.

## Well Bore Schematic

No scale

Well Name **McElwain 12-4**  
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)**  
G.L. Elevation **7699'**  
K.B. Elevation **7615'**

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.**

**4 1/2" Casing** **8734'** **208 jts. 4 1/2" 11.60# I-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**

**Tubing** **2 3/8"** **258 jts. 2 3/8" EUE J-55 8rd  
landed @ 8146'  
tubing hangar, 'F' nipple @ 8133'**

**Williams Fork perfs** **6603 - 6775** **frac w/ 57,000 # 20/40 White sd**

**Williams Fork perfs** **6863 - 7225** **frac w/ 73,000 # 20/40 White sd**

**Cozzette perfs** **8398 - 8459** **unable to pump in**

**Corcoran perfs** **8562 - 8631** **frac w/ 53,000 # 20/40 White sd**

**PBTD** **8,689'**  
**FLOAT COL.** **8,690'**  
**SHOE** **8,734'**  
**TD** **8,735'**

