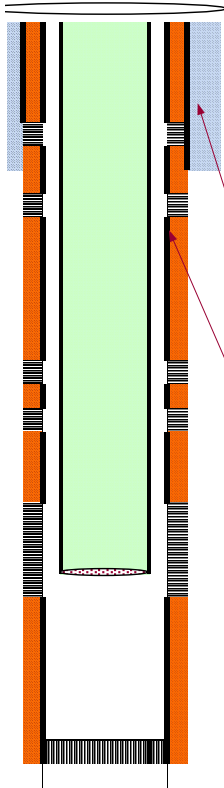


KOCH

EXPLORATION CO

Wellbore Schematic

Not to Scale



Well Name **WRD Fed 7-33**
 Diagram Date **14-Sep-16**
 Surface Location **SWNE 2000' FNL, 2000' FEL, Sec 33, T2N, R97W.**
 Field **White River Dome**
 County **Rio Blanco County**
 State **Colorado**
 API No. **05-103-09964-00**
 Lease No. **C-45291**
 G.L. Elevation **5,931'**
 K.B. Elevation **5,944'**

TREE	
Tubing Hanger	
Tubing Head	
Casing Head	
Casing Hanger	

Tops of Formations:

Zone	Depth
Wasatch	303-1994

Casing 1 0-300' **7" OD, 20#, K-55**
 Cement w/ 85 sx to surface

Casing 2 0-2280' **4 1/2" OD, 9.5#, K-55**
 Cement w/ 310 sx to 450'
 Cement Squeeze 17 sx between 320'-417' 2 bbls to surface (8/8/12)

Tubing 1 EOT @ 1,796' **2 3/8" OD, 4.7#, J-55, 8rd**

CIBP 1310 **Drilled out CIBP 7/16**
Perforations 1363-1368 **10 Holes at 2 spf**
 1916'-1928' **Recompletion 7/13/16 Shot Wasatch**
 1868'-1879' **Recompletion 7/13/16 Shot Wasatch**
 1842'-1848' **Recompletion 7/13/16 Shot Wasatch**
 1830'-1834' **Recompletion 7/13/16 Shot Wasatch**
 1659'-1662' **Recompletion 7/13/16 Shot Wasatch**
 1540'-1548' **Recompletion 7/13/16 Shot Wasatch**
 982'-986' **Recompletion 7/13/16 Shot Wasatch**
 516'-536' **Recompletion 7/13/16 Shot Wasatch**
 402'-406' **Recompletion 7/13/16 Shot Wasatch**

Shoe: 2280
TD: 2280

Date: **Stage:**
 1/19/2015 Stage 1

Treatment Desc: (All Slickwater Fracs)

Acidize perforations with 500 gallons of 15% HCl and 300 SCF of Nitrogen per bbl of fluid down 2 3/8" tubing

Timeline:

4/18/2012 Set CIBP @ 1310' Found possible hole in casing @ 434' to 278'
 8/7/2012 Test 417'-1310' @ 500# O.K.
 8/8/2012 Set CICR @ 258' circulate 2 BBLs 15.6#, 65 sks, 75 cf. to surface
 8/10-8/13/2012 Drillout - test - find hole @ 320' to 417'. Squeeze 17 sks 15.6# into hole pressure to 500#. Drillout.
 8/15/2012 MIT - Passed
 8/16/2012