

# Southern Ute #17 SWD

La Plata, Colorado

11/5/2013

API: 05-067-07500  
Legals: Sec 34 - T 33N - R 9W  
Field: Ignacio-Blanco  
  
KB 18'  
KB Elev 6754'  
Gr Elev 6736'

## Geologic Tops:

Kirtland	1804'
Fruitland Coal	2930'
Pictured Cliffs	3328'
Cliffhouse	4990'
Menefee	5385'
Dakota	7910'
Morrison	8336'
Entrada	9002'

Surface Casing:  
18-5/8", 87.5# @ 500' in 22" Hole  
TOC = 0' w/ 770 sks (circulated 283 sks)

Top of Liner @ 3290'

Intermediate Casing:  
13-3/8", 72# @ 4000' in 17-1/2" Hole  
TOC = 0' w/ 2870 sks (circulated 453 sks)

Liner Casing:  
9-5/8", 40# set @ 7445' in 13-3/8" Hole  
TOC = 3290' w/ 1760 sks

## Tubing Details:

2-7/8", 6.6 #/ft, L80 EUE, 8rd, Lined tbg  
2 7/8" 6.6#/ft L80 EUE, 8rd, Lined 2' pup  
2 7/8" 6.6#/ft L80 EUE, 8rd, Lined 6' pup  
2-7/8", 6.6 #/ft, L80 EUE, 8rd, Lined tbg, 266 jt  
On-Off tool, 2-7/8", L-80, EUE  
7", 23#/FT Baker Packer  
2-7/8", 6.6 #/ft, L80 EUE, 8rd, Lined tbg  
1.812" profile, 2 7/8" BR nipple  
2 7/8" 6.6#/ft L80 EUE, 8rd, Lined 10' pup  
On-Off skirt, 3-1/2", N-80, EUE @ 8619'  
On-Off tool, 3-1/2", N-80, EUE @ 8617'  
7", 23#/FT Baker Hornet Packer  
3-1/2" Pup joint, 9.3 #/ft, N-80, EUE, 6.08'  
BX Nipple, 3-1/2", N9Cr, EUE

## Bluff Perforations:

Top 8666'  
Bottom 8906'

## Entrada Perforations:

Top 9022'  
Bottom 9156'

3-1/2" Pup joint, 9.3 #/ft, N-80, EUE, 6.06'  
BXN Nipple and wireline entry guide.  
7", 23#/ft Guiberson "HT" Magnum Packer @ 9245'

Production Casing:  
7", 23# set @ 9230'  
TOC = 0' w/ 2475 sks (circulated 425 sks)

PBTD = 9275'

TD = 9286'

