

## CURRENT WELL SCHEMATIC

Well Name: Cow Canyon CX-14

API #: 05-083-06725

Section 13 Township 38N Range 18W

Surface Hole: 644' FNL, 1959 FWL Section 10, T38N R18W, NMPM Ground Elevation: 6890' RKB: 6906'

Surface Hole (NAD83), Lat: 37.545010 N, Long: -108.893750 W

Spud Date: 5/10/2019

Rig Release Date: 6/12/2019

Completion Date: 8/23/2019

Updated 11/5/19 CF

### Conductor Casing

Size 16 in

Set at 85 ft

Conductor @ 85 ft

### Surface Casing

Size 9-5/8 in

Set at 2859 ft

Wt. 36 ppf

Grade J-55 from surface to 2859 ft

Hole Size 12-1/4 in

Est. T.O.C. surface ft

Csg Shoe @ 2859 ft

### Intermediate Casing

Size 7 in

Wt. 29 ppf

Grade 13 CR from surface to 6021 ft

Wt. 32 ppf

Grade 13 CR from 6021 to 8048 ft

Wt. 29 ppf

Grade 13 CR from 8048 to 8338 ft

Hole Size 8-3/4 in

T.O.C. surface ft

CBL - 6/13/19

### Production Liner

Size 4-1/2 in

Wt. 12.6 ppf

Grade 13 CR from 8164 to 8690 ft

### Perforations:

Leadville 100, 837'0"-8394', 96 total shots, 4 JSPF at 60 deg phase, 6/14/19

Leadville 200, 8416'-8436', 80 total shots, 4 JSPF at 60 deg phase, 6/14/19

### Acid Job:

Leadville 100, 1000 gallons 28%HCl, 6/16/19

Leadville 200, 3000 gallons 28%HCl, 6/17/20

Hanger set @ 8164' MD / 8124' TVD

PBTD @ 8680' MD / 8640' TVD (6/12/19)

Liner shoe @ 8690' MD / 8650' TVD

### Conductor Cement

Cemented with ready-mix to surface

### Surface Cement

Date Cemented: 3/7/2019

Lead : 685 sx Versacem, 12.5 ppg, 1.91 yield

Tail : 300 sxs Halcem System, 15.8 ppg, 1.16 yield

Note : 98 Bbls cement circulated to surface

### Intermediate Cement

Date Cemented: 6/7/2019

Lead 1: 600 sxs, 12.4 ppg

Lead 2: 200 sxs, 12.4 ppg

Tail: 385 sxs, 13 ppg, 1.44 yield

Note : 80 Bbls of cement circulated to surface

### Liner Cement

Date Cemented: 6/11/2019

Lead: 100 sxs, 13.3 ppg, 1.36 yield

Liner CBL: Good bond - 6/13/19

Top of Leadville @ 8304' MD - 8264' TVD

7" Csg shoe @ 8338' MD / 8298' TVD

6" OH TD @ 8730' MD / 8690' TVD

