

## Deal Gulch 6-16

## Proposed Schematic

24-May-13

Field: WFU  
County: Moffat  
Township: Sec: 16, Twp: 5n, Rng: 90W  
Rig: Nabors 16  
Permit API: 05-081-07766

AFE / Network #: 30181049  
Shell Working Interest: 100%  
AFE Drilling Cost: \$0.00  
Plan Days: 0.0

LAT: 40.387931  
LONG: 107.498039  
Ground Elevation: 7207 ft (surveyed)  
RKB to Ground: 28 ft  
RKB Elevation: 7235 ft

Objectives: Drill Surface and Intermediate into top of Niobrara  
Drill Lateral to total MD without losses

30" Hole drilled to 90'  
20" pipe (0.25") set @ 90'  
Cement to surface

13-1/2" Hole drilled to 1680  
10-3/4" 40.5# J-55 STC @ 1680  
Cement to surface

## Intermediate

9-7/8" Hole drilled to 4650  
7-7/8" 29.7# P-110 LTC @ 4650  
Cement to 1200'

## NOTES

Plugged original wellbore from 1680' to 1087' MD  
Drilled sidetrack from 1087' to 1680' MD along new path

Landed in Buck Peak

TOE AT 9,587' MD / 4035' TVD

HEEL AT 5022' MD / 4433' TVD

## CASING

## Cement

**Surface:**  
10 3/4" 40.5# J-55 R3 ST & C  
0-1680' MD

**Intermediate:**  
7 5/8" 26.4# N-80 or 29.7# P-110 R3 LT&C  
0-4650' MD

**Production:**  
5 1/2" 17# N-80 R3 STL  
4450'-9587' MD (200' liner overlap)  
SLOTTED LINER

**Surface:**  
9.5 ppg Litecrete Lead with 14.2 ppg RFC Tail  
TOC: Surface, Cement Btm: 1650' TVD

**Intermediate:**  
9.5 ppg Litecrete, Hole Size: 9-7/8"  
TOC: 1200' TVD, Cement Btm: 4370' TVD.

**Production:**  
Uncemented, slotted Liner