

## Elsa 34-6-19#1

In progress WBD While Drilling - Update 6/16/16

\*\*\*DRAWING NOT TO SCALE\*\*\*

State: Colorado

County La Plata

API: 05-067-09922

GL: 6971'

12 1/4" Surface Hole TD @ 492' MD

9 5/8" 36# J-55 STC Casing size @ 482' MD

Cemented to Surface

Encountered Fm. Tops (from OH Logs)

	MD	TVD
Animas	1649'	1580'
Kirtland Sh.	2099	1932
Fruitland Fm.	3145	2775
E1-A Coal	3162	2791
E1 Coal	3184	2809
E2 Coal	3231	2852
E3 Coal	3275	2891
E4 Coal	3324	2936
Pictured Cliffs	3377	2985

BP for isolation after drilling

KOP Lateral #2: 3015' MD/ 2661.7' TVD

KOP Lateral #1: 3102' MD/ 2737.4' TVD

KOP Lateral #1 S/T#1: 3400' MD/ 2894.5' TVD

Existing Perforations (MD)

3163-3167'

3183-3195'

3230-3233'

3274-3286'

3322-3336'

(From CBL Depths)

8 3/4" Hole size TD @ 3515' MD

7" 23# J-55 LTC 3503' MD

Top Cement at 30'

All Laterals

6 1/8" Hole

2 7/8" Pre Perforated Liner

6.5# J-55 EUE

TD Lateral #1 @ 6116' MD on  
6/15/16 (No Liner)

Lateral #1 Notes:

No fish left in Hole for Lateral #1. Geology abandoned due to erratic dips/faulting and inability to keep bit in target zone