



Ruby8102-31M  
SW/SW, Section 31, T8S-R102W  
API #05-077-09183  
Mesa County, Colorado  
August 17, 2011

GL=4,926 feet  
KB= 4,937feet  
TD=3,258 feet  
PBTD= 3,258 feet

Perforations: 3,052-3,058 Capped with CIBP and 2 sacks cement(Entrada)  
2,698-2,715 Capped with CIBP and 2 sacks cement(Salt Wash)  
2,326-2,332 Capped with CIBP and 2 sacks cement (Cedar Mountain)  
2,174-2,182 open (Dakota)

Casing	Size	Wt	Grade	Depth
Surface	8-5/8	24	J-55	300
Production	5-1/2	17	L-80	3,300
Tubing	2-7/8	6.5	N-80	2,172

- 1) MIRUSU
- 2) Blow well down and install BOP. POOH laying down 65 joints of 2-7/8" tubing, 2.25" "F" nipple, and 1 joint of 2-7/8" tubing.
- 3) RU wireline company and set CIBP at 2150 feet and dump bail two sacks of cement on top of plug. Pressure test 5-1/2" casing to 500 psig.
- 4) Perforate squeeze holes at 300 feet. RU and break circulation down the 5-1/2" casing and up 5-1/2" and 8-5/8" annulus.
- 5) RU cementing company and pump class "G" 16 ppg cement down the 5-1/2" casing and up the 8-5/8" annulus until you have cement to the surface, approximately 100 sks. RD cement company.
- 6) RU and cut off the 5-1/2" casing three feet below ground level. RU cement company and run 50 feet of 1" tubing down 5-1/2" and 8-5/8" annulus and

cement back to surface. Cut off the surface casing head and weld a flat cap on the 8-5/8" casing.

- 7) Install a dry hole marker consisting of a steel pipe 3 inch in diameter and 4 feet above ground level with the Ruby 8102-31M, SWSW, Sec. 31, T8S, R102W, Lease No. USA COC 65139 welded on it.
- 8) RD move off all equipment, close out pit, and reclaim location.

Ruby 8102-31M

8-5/8", 24#, 300'

= 2174-82 Dakota Perfs.  
Open

CIPBC @ 2,300' w/2 sks cmt

= 2,326-32 Cedar Mountain

CIBP @ 2,640' w/2 sks cmt

= 2698-2715 Salt Wash

CIBP @ 2,950' w/2 sks cmt

= 3,052-58 Entrada

PBTD 3258

5 1/2", 17#, 3,380'