

## Gunderson 12-10A

### Isolate Completion Interval

1. Set CIBP @ 2600'.
2. Dump bail 2 sacks of cement on top of CIBP.

### Isolate TOG

3. CBL dated 6/20/96 indicates that the top of cement is at 2590', above the top of gas at 2631'.

### Isolate BTW

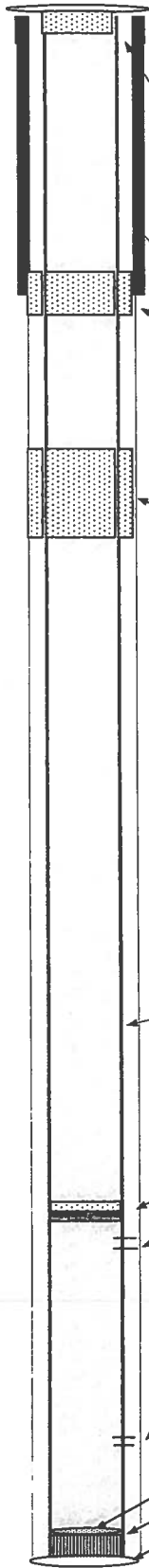
4. Perforate 4-1/2" casing at 1140' (100' below BTW at 1040').
  5. Set cement retainer at 1090'.
  6. Sting into retainer and squeeze 50 cuft of cement below retainer.
  7. Unsting from retainer and equalize 14 cuft of cement on top of retainer.
- Note: Steps 6 and 7 will leave 200' of cement both inside and outside the casing.

### Isolate Surface Casing & Set Surface Plug

8. Perforate 4-1/2" casing at 568'.
9. Set cement retainer at 465'.
10. Sting into retainer and squeeze 32 cuft of cement. This will circulate cement on the inside and outside of the 4-1/2" casing from 568' to 465'.
11. Unsting from retainer, raise tubing to 50' and equalize 5 cuft of cement inside of 4-1/2" casing from 50' to surface.
12. Cut off casings 5' below ground level, weld on metal cap and install surface marker.

## Well Bore Schematic

Proposed Abandonment



Well Name	<b>Gunderson 12-10A</b>
Diagram Date	18-Nov-10
Surface Location	2186' FEL, 2035' FSL Sec 12-9S-94W
Btm Hole Loc.	
Field	Brush Creek
County	Mesa
State	Colorado
API No.	05-077-08697-00
Lease No.	
G.L. Elevation	7778'
K.B. Elevation	7790'

50' Surface Plug

Shoot sqz holes @ 568'. set retainer @ 465' and squeeze w/ 32 cuft (100' of cement outside and inside of the 4-1/2" casing)

Casing	518'	8-5/8", 24#
Cement w/	106 sxs Lead	50/50 poz w/ 8% D20, 3% S1, .025# D29
	110 sxs Tail	G w/ 2% S1, .025# D29
	Top job w/ 100sxs tail - circulated w/ 25 sxs	

BTW - Shoot sqz holes @ 1140'. set retainer @ 1090' and squeeze w/ 50 cuft and leave 14 cuft on top of retainer (200' of cement inside and outside the 4-1/2" casing)

TOC @ 2590' as per CBL 6/20/96

Casing	0 - 3201'	4-1/2" 10.5# J-55
Cement w/	35 sxs (17 bbl) Lead	G w/ D20, D79, D24, D40, D44, D13, D2A, D112
	90 sxs (26 bbl) Tail	10-0 RFC, 1% S1, 5# D24

**CIBP @ 2600' w/ 2 sxs cement**

Upper Wasatch 2634-44, 2848-58, 2892-2902

Lower Wasatch 3091-95, 3098-3100

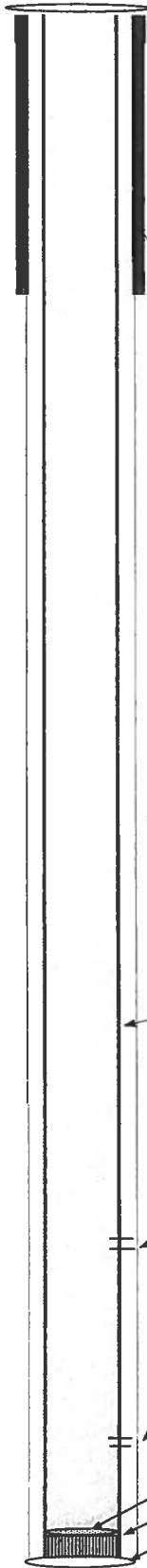
PBTD 3,155'

SHOE TD 3,201'

TD 3,201'

# Well Bore Schematic

No scale



Well Name **Gunderson 12-10A**  
 Diagram Date **18-Nov-10**  
 Surface Location **2186' FEL, 2035' FSL Sec 12-9S-94W**  
 Btm Hole Loc.  
 Field **Brush Creek**  
 County **Mesa**  
 State **Colorado**  
 API No. **05-077-08697-00**  
 Lease No.  
 G.L. Elevation **7778'**  
 K.B. Elevation **7790'**

Casing **518'** **8-5/8", 24#**  
 Cement w/ **106 sxs Lead** **50/50 poz w/ 8% D20, 3% S1, .025# D29**  
**110 sxs Tail** **G w/ 2% S1, .025# D29**  
**Top job w/ 100sxs tail - circulated w/ 25 sxs**

TOC @ 2590' as per CBL 6/20/96

Casing **0 - 3201'** **4-1/2" 10.5# J-55**  
 Cement w/ **35 sxs (17 bbl) Lead** **G w/ D20, D79, D24, D40, D44, D13, D2A, D112**  
**90 sxs (26 bbl) Tail** **10-0 RFC, 1% S1, 5# D24**

Upper Wasatch **2634-44, 2848-58, 2892-2902**

Lower Wasatch **3091-95, 3098-3100**

PBTD **3,155'**

SHOE TD **3,201'**  
 TD **3,201'**