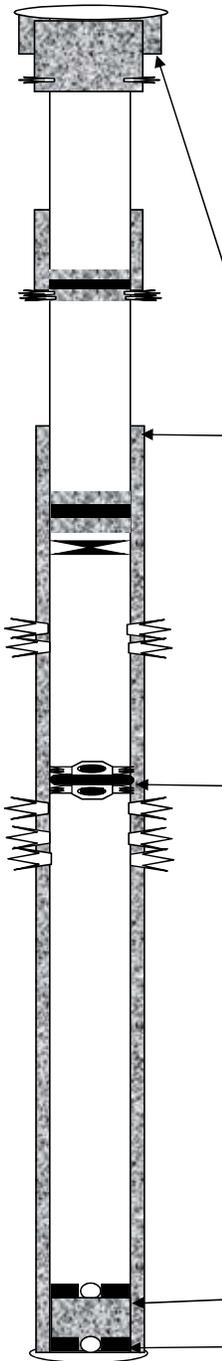




Black Hills Plateau Production, LLC
A Black Hills Corporation Enterprise



| General Well Info | | | |
|---------------------|-------------------|-------------|--------------|
| Well Name: | Pallaoro 15-2 | Field: | Plateau |
| Diagram Date: | 3/30/2016 jad | County: | Mesa |
| Srf Location: | Sec15, T10S, R96W | State: | Colorado |
| Lease #(COGCC/BLM): | | API #: | 05-077-08519 |
| GL Elev: | 5469' | KB Elev: | 5483' |
| Formation Tops | | | |
| Zone | Depth | Zone | Depth |
| Rollins | | Frontier | |
| Cozzette | | Dakota Silt | |
| Corcoran | | Dakota Ss | |
| Mancos | 3379' | Cedar Mtn | |

Surface
Casing 8 5/8" 24# J-55 ST&C 0-160'
Cement 150sx Class G w/2% CaCl + 1/2# celloflake/sx

Production
Casing 5-1/2" 15.5# J-55 LT&C @ 1758-3436'
Cement 460sx RFC

Perfs Cameo 2651-61, 2672-74, 2676-81, 2735-42, 2746-52, 2796-2808' (4spf 180 holes)
Frac (6/3/99) 82,312 gal Delta 140 20# sand wedge 202 20/40

CIBP @ 3250'

Perfs Cozzette 3274-3290'
Frac 3,000# 100 mesh 50,000# 20/40 75 quality N2

Perfs Corcoran 3336, 3342, 3346, 3365, 3366' (1spf 5 holes)
Frac (1983) 6,000# 1000 mesh 29,000# 20/40 618,000 scf N2

Float Collar @ ?

Float Shoe @ ?

PBTD
TD 3436'

Proposed P&A Procedure:

1. TIH w/CIBP. Set @ 2550 and Pressure test csg to 400 psi. Use digital recorder if available.
2. RIH with CBL tool run tool from depth to at least 1400' and find TOC, if TOC is above 2300', then POH and proceed to step 7 if not then step 6.
3. RIH w/ CR set @ 2500, sting in and pump 45 sks of class "C" or type "III" cement. Sting out and dump 2 sks of cement on top. Proceed to step 8
4. Dump 5 sks of class "C" or type "III" cement on top of CIBP. Proceed to step 8
5. If TOC from CBL is above 1500', then proceed to step 12, if not step 9.
6. RIH w/ WL and shoot 4 circulating holes @ 1600', POH
7. RIH w/ CR on tbg and set @ 1550', POH
8. Sting into Retainer and pump 45 sks Class "C" or Type "III" cement below retainer. Sting out and dump 2 sks on top of CR. POH. Proceed to step 13.
9. RIH w/ WL and set CIBP@ 1550 and dump 5 sks of class "C" and type "III" cement on top.
10. RIH/WL and Shoot 4 circulating holes @ 312. POH
11. TIH and Mix 300 sks of cement and bring to surface.
12. Dig out wellhead, cut off 8 5/8" Casing and 5 1/2" casing 6' below ground level. Install dry hole marker plate as per BLM and COGCC
13. Reclaim location and file necessary sundries.