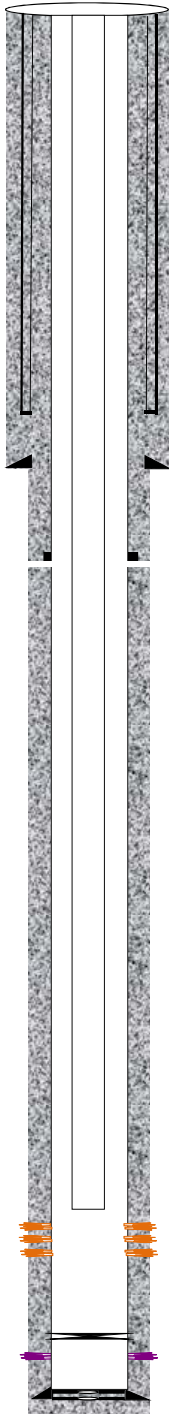




Black Hills Plateau Production, LLC

A Black Hills Corporation Enterprise



General Well Info				5/17/12 by jad
Well Name:	Winter Flats 10-43-99	Field:	Bronco Flats	
Srf Location:	NESE 10 9S 99W	County:	Mesa	
Lease # (BLM):	COC12651	State:	Colorado	
API #:	05-077-09440	Spud Date:	9/30/2008	
GL Elev:	6150'	TD Date:	10/11/2008	
KB Elev:	6167'	Compl Date:	11/6/2008	
Formation Tops				
Zone	Depth	Zone	Depth	
ROLLINS	2225'	DAKOTA SS	6878'	
COZZETTE	2387'	CEDAR MTN	6960'	
CORCORAN	2576'	MORRISON	7128'	
MANCOS	2896'			
DAKOTA SILT	6830'			

Srf Csg (09/30/08) 51 jts 9-5/8", 36#/ft K-55 LT&C csg, land @ 2370.00', float collar @ 2319', w/1 1/2" 2.76# parasite string, air collar (1.4') at 2132', 14 3/4" hole
Lead cmt 743 sx 12.3 ppg Versacem cmt (yield 2.38cf/sk) gal water/sk 13.75, Tail cmt 322 sx 12.8 ppg Versacem cmt (yield 2.11 cf/sk) gal water/sk 11.75, bump plug ? psi, 84 bbls cmt returns to surface

Prod Csg (10/16/08) 166 jts 5-1/2" 17#/ft N-80 LT&C csg, land shoe @ 7189', FC @ 7174', 7 7/8" hole, Stage collar @ 2843', Packer top @ 2847', bottom @ 2861'
1st Stage - 30 bbls Superflush 101, Lead cmt 150 sx 11.4 ppg (yield 2.43 cf/sk) Extendacem System Cmt w/gel, gilsonite, walnut shells, phenol seal, steel seal, poly-e-flake. Tail cmt 270 sx 12.4 ppg (yield 1.99 cf/sk), bumped plug, float held. Used air to relieve hydrostatic. Displaced w/2% kcl water, Pressure up - set packer. Dropped opening bomb to open DV tool
2nd Stage - 20 bbls Superflush 101, 410 sx 12.3# (yield 2.38 cf/sk) Versacem System Cmt, bump plug, held. Pressure up to close tool. 16 bbl cmt to surface. Set slips w/90,000#.

CBL: 10/29/08

TBG String (11/18/08) 221 jts 2 3/8", L-80, 4.7#, 8rd, eue tbq, "F" nipple -1.81' I.D., 1 jt tbq, NC, EOT: 6879'

MNCS (Proposed) Perf Stage 1: 6185'-6187', 6210'-6214', 6235'-6241' w/ 3 1/8" expendable HSC mid-range slick csg gun, 3 guns, 6 jsfp, 60 deg phsg, 0.37" ehd, 21 gm charges, 42.9" penetration, 72 holes.
Perf Stage 2: 5855'-5857', 5880'-5884', 5905'-5911' w/ 3 1/8" expendable HSC mid-range slick csg gun, 3 guns, 6 jsfp, 60 deg phsg, 0.37" ehd, 21 gm charges, 42.9" penetration, 72 holes.
Perf Stage 3: 5325'-5327', 5350'-5354', 5375'-5381' w/ 3 1/8" expendable HSC mid-range slick csg gun, 3 guns, 6 jsfp, 60 deg phsg, 0.37" ehd, 21 gm charges, 42.9" penetration, 72 holes.

DKTA (10/30/08) Perf 6882-85', 6893-95', 6926-31'. HSC 3 3/8" EXP gun, 3 SPF, 23 GR Charges, 120 deg. phasing, 10' total 30 holes. No change in FL, slight blow @ surface.
11/6/08 Frac Dakota, BJ. 500 gal. 7.5% HCL, 101806# 20/40, 5800# 100 Mesh. N2 65Q 1219600 scf X-Link Lightning 2000. BLW 862, BLR 286, BLWTR 576, ATP: 3511 psi, ATR: 13.7 BPM. ISDP 3296 psi, 5min: 3000 psi, 10min: 2824 psi.