

BLACK HILLS PLATEAU PRODUCTION LLC
Pallaoro 15-2
NESW Sec15, T10S, R96W
API# 05-077-08519
Mesa County, Colorado

GL: 5,469 RKB: 5483' PBSD: 3,626' TD: 3,626'

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

Production Casing: 5-1/2" 15.5# J-55 LT&C @ 1758-3437'
460sx RFC

Perforations:

Cameo: 2651-61, 2672-74, 2676-81, 2735-42, 2746-52,
2796-2808' (4spf 180 holes)
Frac'd (6/3/99) w/ 82,312 gal Delta 140 20# sand wedge 202,000#
20/40

Cozette: 3274-3290'
Frac'd w/ 3,000# 100 mesh 50,000# 20/40 75 quality N2

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

Production Tubing: 91jts 2-3/8" EU 8rd LJ55 4.7#, SN 1 25/32", pup jt, stator,
torque anchor EOT:2906'

Packer: None

Rods: 1-1/4" X 22' Polish rod, 7/8" X 6' pony rod, 114-7/8" rods,
7/8" X 4' pony rod, 14' strator

CIBP: Set @ 3250' (6/3/99)

Production History: CMEOC: Last produced-2/2001 CUM: 8.3 Avg ~40mcfd
CRCN: Last produced-3/1999 CUM: 23.5 Avg ~12mcfd
GIP per Geology: ~.75B in CMEOC/COZZ

OBJECTIVE: MIT and test for productivity.

1. Set Anchors. NOTIFY COGCC 48 HRS PRIOR TO MOVING IN.
2. MIRU, blow down well. RU for rods, SOH rods, LD rods-take to yard (NOTE: do MT report). ND tree, NU BOP's
3. Check for fill. POOH w/tbg.
4. RIH w/bit and scraper. POOH.
5. RIH w/RBP and pkr. Set RBP @ 2580'. Set pkr & test RBP. Release pkr. Pressure test csg to 500 PSI. Chart test. POOH, RIH f/prod, swab test and take gas samples.
 - a) If leaks are encountered, isolate hole and determine the interval of leaks.
 - i) If MIT fails and well is determined to be repairable:
design cement job and squeeze holes, drill out cmt. Perform MIT. Chart test. POOH, RIH f/prod, swab test and take gas samples. RDMO.
 - ii) If MIT fails and well is determined to be unrepairable:
SOH w/tbg and proceed with P&A procedure. RDMO.

BLACK HILLS PLATEAU PRODUCTION LLC
Pallaoro 15-2
NESW Sec15, T10S, R96W
API# 05-077-08519
Mesa County, Colorado

GL: 5,469 RKB: 5483' PBSD: 3,626' TD: 3,626'

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

Production Casing: 5-1/2" 15.5# J-55 LT&C @ 1758-3437'
460sx RFC

Perforations:

Cameo: 2651-61, 2672-74, 2676-81, 2735-42, 2746-52,
2796-2808' (4spf 180 holes)
Frac'd (6/3/99) w/ 82,312 gal Delta 140 20# sand wedge 202,000#
20/40

Cozette: 3274-3290'
Frac'd w/ 3,000# 100 mesh 50,000# 20/40 75 quality N2

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

Production Tubing: 91jts 2-3/8" EU 8rd LJ55 4.7#, SN 1 25/32", pup jt, stator,
torque anchor EOT:2906'

Packer: None

Rods:

CIBP: Set @ 3250' (6/3/99)

Objective: Plug and Abandon

NOTIFY COGCC & BLM (Verbal Approval for P&A procedure is required from the BLM) Notify landowner 7 days and COGCC and BLM 48 hrs prior to moving in

1. Set and test deadman anchors as necessary.
2. MIRU workover rig. ND WH. NU BOP's.
3. Release Packer, inspect tally and TOH w/tbg.
4. TIH w/CIBP. Set @ 2550 and Pressure test csg to 400 psi. Use digital recorder if available.
5. 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.
6. 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
7. Dump 5 sks of class "C" or type "III" cement on top of CIBP. Proceed to step 8
8. If TOC from CBL is above 1500', then proceed to step 12, if not step 9.
9. RIH w/ WL and shoot 4 circulating holes @ 1600', POH
10. RIH w/ CR on tbg and set @ 1550', POH
11. 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.

12. RIH w/ WL and set CIBP@ 1550 and dump 5 sks of class "C" and type "III" cement on top.
13. RIH/WL and Shoot 4 circulating holes @ 312. POH
14. TIH and Mix 300 sks of cement and bring to surface.
15. 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
16. Reclaim location and file necessary sundries.