

Black Hills Plateau Production LLC

Horseshoe Canyon 3-21

API # 05-077-08648

Lease COC012644A

Mesa County, Colorado

GL: 5558' RKB: 5569' TD: 3610'

Spud: 10/31/92 TD: 11/9/92 Completion: 11/21/92

Surface Casing	12 ¼" hole, 8 5/8" 24# J-55 ST&C @ 457'. Cmt w/ 320 sx Class G, ¼#/sx Celloseal 2/ 2% CC. Displ cmt
Production Casing	7 7/8" hole, 5 ½" 15.5# K-55 LT&C @ 3608'. Cmt w/ 55 sx HiFill 10# Gilsonite/sx ¼# Flocele. Tail w/ 106sx Class G ¼# Flocele 1% CC
Production Tubing	107 jts J-55 2 3/8" tbg, "F" Nipple 2 3/8" x 1.81" Length 1.31', 1 jt J-55 2 3/8" tbg, NC landed @ 3403.88'
Perforations	11/18/92 CRCRN 3366-3372', 3376-3378', 3380-3386', 3403-3432' (Jet 0.45", 1 spf, 43 holes) Frac w/ 49,056 gal 70Q foam, 318,000# 20-40 sd, 99,000 SCF N2 12/27/92 COZZ 3162-3210' (1 spf, Total 48 holes) NOTE: Daily report shows perforation record, never reported to COGCC
Production	CUM 368 MMCF (as of 2/28/11) Status: SI 11/28/92 2 hr Test: 1 ½" choke, 175 mcf, CP 185 psi 11/19/92 DOFP
History	Drlg 11/8/92 Lost circ 5 ½", run csg & cmt. Ran csg as follows: Guide Shoe 0.68' 3608' 1 jt 5 ½" 15.5# LT&C K-55 45.23 Float collar 0.96' 3560' 80 jts 5 ½" 15.5# LT&C K-55 3587.79 Total 82 jts 3634.66 Cmt w/ 55 sx HiFill 10# Gilsonite/sx ¼# Flocele. Tail w/ 106sx Class G ¼# Flocele 1% CC. Bump plug w/300 psi. Rel press-float held ok. Lost complete rets f/20 bbl after dropg plug. Then had full rets @ slow rate f/entire job. Release rig. 10/31/92 Spud. Ran 10 jts 8 5/8" 24# ST&C @ 457'. Cmt w/ 320 sx Class G, ¼#/sx Celloseal 2/ 2% CC. Displ cmt & bump plug w/ 350 psi

Workover (3/18/05)

3/18/05 TIH w/gauge ring found spring assemble @ 3434' TOOH (no fluid level found). TIH w/fishing tool pulled spring assembly TOOH. TIH w/gauge ring to find PBTD found sand @ 3504'. Perfs are 3361'-3435'. Left everything out of well and turn well back on production

Cmpl (12/24/92-12/27/92)

12/27/92 Perf COZZ 3162-3210' (1 spf, Total 48 holes), Snub 2 3/8" tbg in hole, 108 jts landed @ 3404'

Cmpl (11/18/92-11/23/92)

11/23/92 Tagged sand 3440'. Cleaned sand out to 3530. Landed tbg @ 3403.88 w/ NC – F nipple 2 3/8" x 1.81" @ 3370.72. Total of 108 jts 2 3/8" in hole. Made 8-10 trips to retrieve plug. There was sand on plug. Made 6 trips with sand bailer with no luck.

11/18/92 Schlumberger perf'd 3366-3372, 3376-3378, 3380-3386, 3403-3432 (Jet 0.45", 1 spf, Total 43 holes). CP 50 psi. Frac w/ 70Q foam, 49,056 gal, 99,000 SCF N2, 318,000# 20-40 Ottawa sd, Min 280 psi Max 980 psi Avg 400 psi. Avg Inj Rate 30 BPM, ISIP 450 psi

Swabbing (11/17/92)

TIH w/ 112 jts 2 3/8" tbg. Tag up @ TD of 3529'. Circ hole w/KCl wtr, press ck to 1500 psi f/15 mi. 15 swab runs, 55 bbl wtr. TOH w/ bit, scrpr, SN, stand back 56 stds 2 3/8" tbg.

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/RBP and pkr. Set @ 3125 and Pressure test csg to 400 psi. Use digital recorder if available.
5. RIH with CBL tool run tool from depth to at least 2000' and find TOC, if TOC is above 3062', then POH and proceed to step 7 if not then step 6.
6. RIH w/ CR set @ 3125, 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. RIH w/ WL set CIBP @ 3110, dump 2 sks cmnt on top. Proceed to step 8

8. If TOC from CBL is above 2670', then proceed to step 12, if not step 9.
9. RIH w/ WL and shoot 4 circulating holes @ 2670', POH
10. RIH w/ CR on tbg and set @2570', 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
12. RIH w/ WL and shoot 4 circulating holes @ 1100, POH
13. RIH w/ CR on tbg and set @1000, POH
14. Sting into Retainer and pump 25 sks Class "C" or Type "III" cement below retainer. Sting out and dump 5 sks on top of CR. POH
15. RIH/WL and Shoot 4 circulating holes @ 507. POH
16. TIH and Mix 300 sks of cement and bring to surface.
17. 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
18. Reclaim location and file necessary sundries.