

PLUGGING PROCEDURE
BHP Petroleum (Americas) Inc.
Burton Flat Unit No. 1
Eddy County, New Mexico

Current Well Conditions:

13-3/8" csg set at 607'. Cement circulated to surface.

9-5/8" csg set at 3020'. Top of cement @ 380'.

5 1/2" csg set at 11699'. TOC @ 11,166'.

2-3/8" tbg set at 11028'.

CIBP set at 11360'. Open perfs @ 11,322-330, 11,308-312,
11,260-264' & 11,204-216'. (SJS)

Procedure: (Notify BLM @ (505) 887-6544 24 HRS. prior to plugging)

1. Move in and rig up pulling unit and plugging equipment. Dig work pit. ✓
2. ND wellhead and NU BOP. POOH with tubing and lay down production equipment.
3. Rig up wireline unit. RIH with dump bailer and cap the existing CIBP at 11,360' with 5 sacks of cement. ✓ RIH with 5 1/2" CIBP and set at 11,190'. Rig down wireline unit.
4. RIH with tubing open ended to 11,190'. Mix mud and circulate hole with 10#/gal. MLF. ✓ Spot 10 sacks of cement on top of CIBP. TOH with tubing.
5. ND BOP and wellhead. Weld on a 5 1/2" pull nipple. Pull on casing, remove casing slips and determine free point from stretch. Rig up wireline unit and cut casing at free point. Rig down wireline unit. ✓
6. POOH with casing and lay down.
7. TIH with open ended tubing and spot a 55 sack (150 foot) cement plug 75' into casing stub and 75' above stub. WOC and tag plug. ✓
- (SJS) → Spot 100' cement plug @ 8700' to 8800'. WOC & Tag plug.
8. Pull up and spot a 100 foot cement plug at 5050 to 5150'. WOC and tag plug. ✓
9. Spot a 150' cement plug from 3095' to 2945' across the 9-5/8" casing shoe. ✓ WOC and tag plug.
10. Pull up and spot a 100 foot plug across the 13-3/8" casing shoe at 607' from 657' to 557'. ~~Tag plug~~ → Not necessary to Tag. (SJS)
11. Perforate 9-5/8" casing at 370' and establish circulation to surface. Circulate cement to surface. ✓
12. Cut wellhead off 3' below ground level and place a 20 sack cement plug in surface. Rig down and move off location! ✓