

LARCHER #2 PC
Repair Procedure
G Sec 13 T31N R11W
Lat - Long by GITI: 36.900970 - 107.938293
San Juan County, New Mexico

1. Comply with all NMOCD, BLM, & MOI rules and regulations. Test rig anchors & MI blow pit. MOL and RU completion rig. NU adapter flange & BOP with flow tee and stripping head. Test operation of rams. NU bleed line and 2-7/8" relief line. Blow well down. Only if necessary, kill well w/ water
2. TOH w/ 1-1/4" tbg (2577').
3. TIH w/ 4-1/2" csg scrapper on 2-3/8" workstring to 2628'. TOH
4. RU wireline company. Set a 4-1/2" retrievable bridge @ 2550' Load hole. TOH. Dump 1 sx sand on RBP.
5. Pressure test the csg to 1000 psi. If the pressure test fails find the holes using a 4-1/2" fullbore packer on 2-3/8" workstring. If it holdrun a CBL to find the TOC and squeeze 50' above the TOC.
6. W/ bradenhead valve open and the pipe rams closed establish rate down 2-3/8". If circ can be established w/ bradenhead valve, circ cmt out bradenhead valve. Cmt w/ class "B" w/ 0.6% F.L. additive and 2% CaCl. Max pressure is 1000 psi. Flush cmt w/ water to leave 100' above perms. Rig down cement crew and wait 4 hours. Check for flow. If circulation was not established then run a CBL and squeeze 50' above TOC
7. TIH with 3-7/8" bit on 2-3/8" workstring. Drill out cmt w/ water below the squeeze holes & pressure test to 500 psi. Resqueeze if necessary. When pressure test holds, circ sand off RBP @ 2550' w/ water. Retrieve BP. TOH. TIH w/ 3-7/8" bit on 2-3/8" workstring & C.O. to PBTD 2628' w/ air. TOH laying down the workstring.
8. TIH w/ 1-1/4" tbg with seat nipple one joint off bottom.
9. Gauge well for gas flow.
10. ND BOP. NU wellhead. Release rig & resume production.

Approve: _____

PJ B. A.
Drilling Superintendent

Recommend: _____

A. L. Walker, Jr.

VENDORS:

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|---------------|----------------|----------|
| Wireline: | Petro-Wireline | 326-6669 |
| Cement: | HOWCO | 325-3575 |
| Bridge Plugs: | Gulberson | 327-9127 |