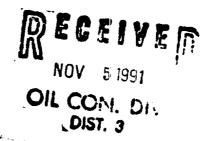
State of New Mexico

Form C-103 Energy, Minerals and Natural Resources Department OIL CONSERVATION DIVISION

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ion Change of Plans Wew Construction
Non-Routine Fracturing Nater Shut Off

12.Describe proposed or completed operations:

It is intended to repair the casing leak in this well per the attached procedure and wellbore schematic.



(KAS) Regulatory Affairs

Original Signed by CHARLES Straton use)

Recommended Procedure

<u>JULANDER FEDERAL #1 DAKOTA</u> UNIT J SECTION 31 T29N R11W

San Juan County, N.M. Expense Workover

- Test location anchors & dig blow pit.
- 2. Run CCL log in 2-3/8" tbg to locate packer.
- 3. MOL and RU completion rig. NU 6" 900 series BOP and stripping head. Test operation of rams. NU 2-7/8" relief line with 3000 psi gate valves on tubing head. Blow well down.
- 4. If necessary, kill well w/2% KCL water. TOH w/ 2-3/8" tbg & pkr. If pkr does not release, back off tbg @ freepoint & attempt to recover pkr but do not spend more than one day fishing. Even if pkr is not recovered, continue w/csg repair.
- 5. TIH w/ retrievable BP and Packer in tandem on 2-3/8" tested tbg & locate casing leak. Suspect leak is between 262' & 1100'.
 - After leak is located, set RBP 100' below leak & spot 20' sand on top of RBP. Using pkr, pressure test RBP to 1000 psi. Reset pkr 200' above csg leak, establish rate & squeeze csg leak w/ cmt & 2% CaCl2 as required. Squeeze w/ braidenhead valve open & circ cmt if possible. Utilize hesitation squeeze procedures if low squeeze pressure is experienced. Release pkr, reverse out, & reapply squeeze pressure. Wait on cmt overnight.
- 7. TOH w/ tbg and pkr. TIH w/ 3-7/8" bit on 2-3/8" tbg. Drill cmt & CO to RBP w/ water. Pressure test to 1000 psi. If necessary, resqueeze.
- 8. After passing pressure test, TIH w/ retrieving tool on 2-3/8" tbg & retrieve RBP.
- 9. a. If production pkr was pulled (step #3), TIH w/ 3-7/8" bit on 2-3/8" tbg & CO to 6125' w/ air/mist. TOH. Run production tbg & land @ 6000' w/ standard S.N. one jt above open ended bottom.
 - b. If tbg was backed off @ free point (step #3), screw back into 2-3/8" tbg.
- 10. Release rig, rerun braidenhead test, & resume production.

Approve:

R/F: Headrick

VENDOR:

1.

6.

Cement: Western 327-6222

JULANDER FEDERAL #1 DK

UNIT J SECTION 31 T29N R11W SAN JUAN COUNTY, NEW MEXICO

