

State of New Mexico  
Energy, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION

Form C-103

Sundry Notices and Reports on Wells

1. Type of Well GAS	API NO. (assigned by OCD)
2. Name of Operator Meradian Oil Inc.	5. Type of Lease Fee
3. Address of Operator PO Box 4289, Farmington, NM 87499	6. State Oil & Gas Lease # Fee
4. Well Location 1850'S, 1550'E Sec. 31, T-29-N, R-11-W NMPM San Juan County	7. Lease Name/Unit Name Julander Federal
	8. Well No. 1
	9. Pool Name or Wildcat Basin Dakota

10. Elevations  
5443 'GR

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
	<input type="checkbox"/> Plugging Back
	<input checked="" type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut Off
	<input type="checkbox"/> Conversion to Injection

12. Describe proposed or completed operations:

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

**RECEIVED**  
NOV 5 1991  
OIL CON. DIV.  
DIST. 3

SIGNATURE *Charles G. Stinson* (KAS) Regulatory Affairs

=====  
(This space for State use)  
Original Signed by CHARLES STINSON

DEPUTY OIL & GAS INSPECTOR, DIST. #3

Recommended Procedure

JULANDER FEDERAL #1 DAKOTA  
UNIT J SECTION 31 T29N R11W  
San Juan County, N.M.  
Expense Workover

1. 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'.
6. 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*  
R. F. Headrick

VENDOR:

Cement: Western 327-6222

# JULANDER FEDERAL #1 DK

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

