

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator Meridian Oil Inc.</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 820'FNL, 1840'FEL Sec.16, T-26-N, R-11-W, NMPM, San Juan County</p>	<p style="text-align: right;">API # (assigned by OCD)</p> <p>5. Lease Number E-9895-3</p> <p>6. State Oil&Gas Lease E-9895-3</p> <p>7. Lease Name/Unit Name Moncrief Com</p> <p>8. Well No. 1E</p> <p>9. Pool Name or Wildcat Gallegos Gallup / DAK</p> <p>10. Elevation: T. A.</p>
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Type of Submission

Type of Action

<p><input checked="" type="checkbox"/> Notice of Intent</p> <p><input type="checkbox"/> Subsequent Report</p> <p><input type="checkbox"/> Final Abandonment</p>	<p><input type="checkbox"/> Abandonment</p> <p><input type="checkbox"/> Recompletion</p> <p><input type="checkbox"/> Plugging Back</p> <p><input checked="" type="checkbox"/> Casing Repair</p> <p><input type="checkbox"/> Altering Casing</p> <p><input type="checkbox"/> Other -</p>	<p><input type="checkbox"/> Change of Plans</p> <p><input type="checkbox"/> New Construction</p> <p><input type="checkbox"/> Non-Routine Fracturing</p> <p><input type="checkbox"/> Water Shut off</p> <p><input type="checkbox"/> Conversion to Injection</p>
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13. Describe Proposed or Completed Operations

It is planned to repair the casing per the attached procedure and wellbore schematic.

RECEIVED

NOV 2 1992

OIL CON. DIV.
DIST. 3

SIGNATURE  (JAS) Regulatory Affairs October 29, 1992

(This space for State Use)

Approved by Original Signed by CHARLES OLSON

Title Oil Conservation Division

Date NOV 02 1992

**SQUEEZE PROCEDURE
MONCRIEF COM #1E (GALLUP)
Section 16B, T26 R11W
San Juan County, New Mexico**

☎ NOTIFY STATE OIL CONSERVATION DIVISION PRIOR TO SQUEEZE WORK. ☎

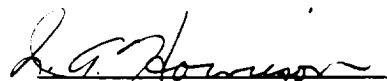
1. MIRU. Comply with all BLM, NMOCD, and MOI rules and regulations. Set 1-400 bbl tank and fill with water. Blow down well (oil and water to flow back tank) and kill with water if needed. ND WH and NU BOP assembly, check operation of rams. NU blooie line and 2-7/8" relief line.
2. RU on backside and pressure up to 1000 psi, shut-in and monitor for 10 minutes (potential leak from 2675' to 3540'). Determine if leak exhibits similar characteristics as prior pressure test (1000 psi down to 600 psi in approximately 5 minutes), or if a measurable injection rate greater than 1/4 BPM can be established. Characteristics of the pressure/rate test will determine which squeeze procedure will be attempted. Release Schlumberger LOK-SET packer (set w/ 10,000# tension) and TOOH w/ 2-3/8" tbg.
3. RU wireline and set 4-1/2" drillable BP @ 3700'. PU above BP wait 10 minutes and tag plug. Run CBL from 3700' to surface. RD wireline truck.
4. TIH w/ packer on 2-3/8" tbg. Set packer at 3600' and test BP to 2000 psi. Release pressure. If injection rate in step 2 was greater than 1/4 BPM, **"SQUEEZE PROCEDURE A"** will be attempted.

SQUEEZE PROCEDURE A

- Circulate hole clean with water.
 - Locate top and bottom leak. Set packer at +/- 2200'
 - Squeeze w/ 300 sks "B" cement (additional additives if needed).
 - Reverse out. Pull two stands. Shut-in w/ approximately 1500 psi for one hour.
 - TOOH.
5. If injection rate in step 2 could not be established proceed with Micro Matrix **"SQUEEZE PROCEDURE B"**

SQUEEZE PROCEDURE B

- Circulate hole clean with water.
 - Locate top and bottom leak w/ packer (cement volume plus 20%). TOOH. LD packer.
 - TIH open-ended to 3540'. Spot 10 sk (100') sand plug on top of BP. Wait 30 minutes.
 - Tag sand plug.
 - Spot 73 sks Micro Matrix Cement containing 1.5%/sk CFR-3, from 3540' to 2500'.
 - Pull tubing out of cement plug up to 2400' and reverse out.
 - Close pipe rams and pressure up to 1500 psi, keep 1500 psi on cement until approximately 2 bbls of slurry are displaced or until pressure does not leak off.
 - TOOH
6. Wait a minimum of 36 hours prior to drilling out.
7. TIH w/3-7/8" bit, 6 - 3-1/8" drill collars on 2-3/8" tbg. and drill out cmt. Pressure test squeeze to 1000 psi. (*Pressure must not leak off more than 10% in 30 minutes to satisfy state requirements*). Load hole w/ 2% KCL water. Drill out sand and BP and chase plug to bottom. TOOH. *If test did not hold, contact office personnel and squeeze again as conditions dictate.*
8. TIH w/ 1/2" tapped 2-3/8" bullplug, 1 full joint of 2-3/8" tbg, 3' perforated sub set at 5435', seating nipple and 2-3/8" tbg to surface.
9. Flow well or swab as necessary to remove as much KCL water as possible. Gauge well. Release Rig.


J. A. Howieson

Service Companies:

Cement - Halliburton (325-3575)

Wireline - Great Guns (326-4030)

MONCRIEF COM #1E

GALLUP
UNIT B SECTION 16, T26N-R11W

