

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
MM-28737

6. If Indian, Allotment or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Annie No. 3

9. API Well No.

10. Field and Pool, or Exploratory Area
Counselors Gallup/Dakota

11. County or Parish, State
**Rio Arriba County,
New Mexico**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. 57
Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

070 FARMINGTON, NM

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merrion Oil & Gas Corporation

3. Address and Telephone No.

**P. O. Box 840 Farmington NM 87499
ph: (505) 327-9801**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2,160'fml & 1,940'fel (sw ne)
Section 10, T23N, R06W, NMPM**

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Merrion requests approval to repair the casing in the Annie No. 3 well in accordance with the attached procedure in order to return the well to productive status.

RECEIVED
NOV 17 1994

**OIL CON. DIV.
DIST. 3**

COPIES: BLM+4, LAND+1, ACTG+1, WELL FILE+1

14. I hereby certify that the foregoing is true and correct

Signed

Steven S. Dunn

Title **Operations Manager**

Date **Monday 17 October 1994**

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

APPROVED

NOV 08 1994

DISTRICT MANAGER


MMOCD

MERRION OIL & GAS CORPORATION

Workover Procedure

April 29, 1994

Well: ANNIE NO. 3
Location: 2160'fml & 1940'fel (se ne)
Sec 10, T23N, R06W
Rio Arriba County, New Mexico

Field: Counselors Gallup
Elevation: 6,861' RKB
6,848' GR
By: Steve Dunn 

Procedure:

Pull Downhole Equipment

1. Move in, rig up. Blow down tubing & casing. Unset pump and pull rods, bottom hole pump.
2. Nipple up BOPs. Unset 2 3/8" eue J55 8rd tubing (Wellbore Schematic Attached). Pull out of hole, tally pipe, check for general condition. Lay down mud anchor, perf sub.

Isolate & Repair Casing

3. Pick up 4 1/2" packer & retrievable bridge plug, run in hole and set bridge plug above Gallup perfs (5,372 - 5,627'KB) @ 5,350'KB±.
4. Load hole with water and circulate to clean out mud, oil and other material.
5. Pressure test casing to 2,000 psig.
6. If casing fails to hold pressure, move and set packer to isolate leak.
7. Squeeze off casing leak with cement (volume to be selected based on type of problem).

Drill Out & Test

8. After cement sets up, release packer if used and pull out of hole with tubing.
9. Pick up 3 7/8" bit and casing scraper. Run in hole and drill out cement. Pressure test squeeze to 1,000 psig.
10. If squeeze holds pressure, pull out of hole and pick up 4 1/2" packer and retrieving head. Run in and dry test squeezed interval by swabbing.
11. If dry tests, release packer and run in to bridge plug. Release plug and reset below Gallup perfs @ 5,650' KB. Swab casing down and test for inflow.
12. If general inflow is unacceptable, isolate Gallup perfs in several settings and pump mud & silt removal acid system to clean up. Displace acid with 2% kcl water. Swab back load at each setting. Test each setting for results.
13. Round trip and lay down test tools. Re-run production tubing string and re-install downhole pump on sucker rods.
14. Put well on to pump and closely track production to evaluate well.

Merrlon Oil & Gas Corporation

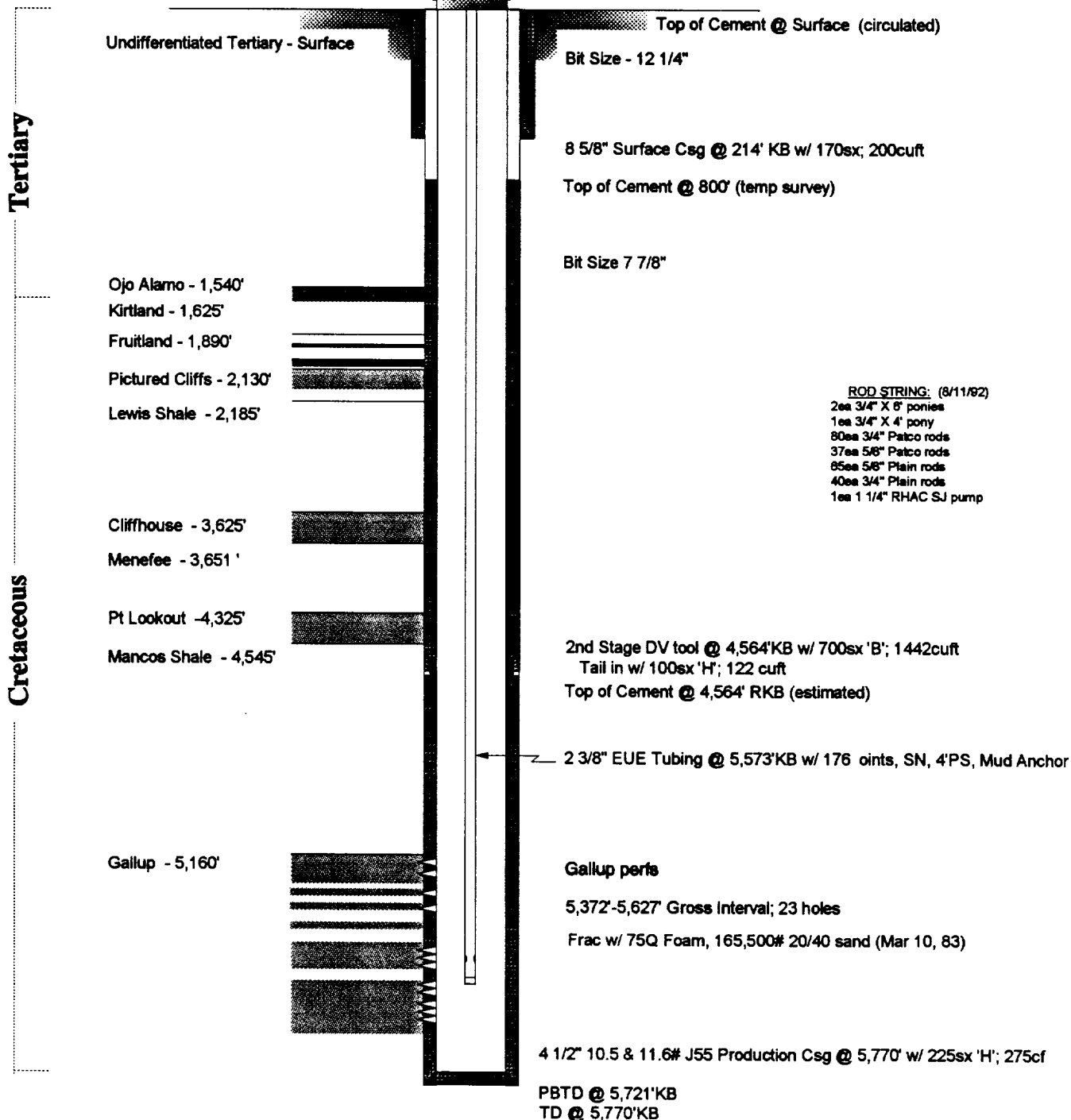
Wellbore Schematic

Annie No. 3

Current Wellbore Configuration

Location: 2,160' fnl & 1,940' fel (sw ne)
 Sec 10, T23N, R06W, NMPM
 Rio Arriba Co, New Mexico
 Prepared: 10/17/94

Elevation: 6,848" GL
 6,861' RKB
 By: Steven S. Dunn



WELL DATA:

CUM GAS: 148,154 mcf (12/83)
 CUM OIL: 17,118 bbl (12/83)
 SPUD: Feb 22, 1983
 COMPLETED: Mar, 11, 1983

CAPACITIES

4 1/2" 10.5# Casing 0.0158 bbl/ft

2 3/8" 4.7# Tubing 0.00387 bbl/ft

4 1/2" X 2 3/8" Annulus: 0.0105 bbl/ft

CURRENT SICP: not available
 CURRENT SITP: not available
 LINE PRESSURE: 100 - 200 psia
 GAS TRANSPORTER: El Paso Natural Gas