

Distribution: O+4 (BLM); 1-Field File; 1-The Gary-Williams Companies

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

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, New Mexico 87499 (505) 327-9801

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

**1980' FSL & 330' FWL
Section 14, T19N, R3W**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-12012

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Media Entrada Unit No. 3

9. API Well No.

30-043-20078

10. Field and Pool, or Exploratory Area

Media Entrada

11. County or Parish, State

Sandoval, New Mexico

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

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ 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 Oil & Gas requests your approval to accept and dispose of Mancos produced water from The Gary-Williams Companies' Orquidea 4-1H well located in Section 4, T20N, R2W, Sandoval County, New Mexico, into the Media Entrada Unit produced water disposal system. The amount to be handled is 50 bwpd currently.

The water will be transported by truck to the central disposal facility in Section 14, T19N, R3W, where it will be pumped into our water tank system and disposed of into the Media Entrada Unit No. 3 or Boling Federal 5-22 salt water disposal wells.

A water analysis is attached. No compatibility problems are anticipated and similar water has been handled in the past for Gary-Williams Companies at the same facilities.

RECEIVED

AUG 1 0 1993

**OIL CON. DIV
DIST. 3**

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

Signed

Steven S. Dunn

Title **Operations Manager**

Date

3/30/93

(This space for Federal or State office use)

Approved by

SHIRLEY MONDY

Acting

AREA MANAGER

Title

RIO PUERTO RESOURCE AREA

Conditions of approval, if any:

JUL 8 1993

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

NMOCD



The Western Company of North America

3250 South Side River Road
Farmington, New Mexico 87401
Phone (505)327-6222
Fax (505)327-5766

API WATER ANALYSIS

Company Merrion Oil & Gas (Gary Williams Co.) Sample No. s21993 Date Sampled 04-27-93
Field _____ Legal Description _____ County or Parish _____ State _____
Lease or Unit Orquidea Well 4-1-H Depth _____ Formation _____ Water B/D _____
Type of Water (Produced, Supply, ect.) _____ Sampling Point _____ Sampled By _____

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na	<u>12553</u>	<u>546</u>
Calcium, Ca	<u>281</u>	<u>14</u>
Magnesium, Mg	<u>153</u>	<u>12.6</u>
Barium, Ba	_____	_____
_____	_____	_____
_____	_____	_____

ANIONS	mg/l	me/l
Chloride, Cl	<u>18550</u>	<u>523</u>
Sulfate, SO ₄	<u>>10</u>	_____
Carbonate, CO ₃	_____	_____
Bicarbonate, HCO ₃	<u>3050</u>	<u>50</u>
Hydroxide, OH	_____	_____
_____	_____	_____

Total Dissolved Solids (calc.) 34587

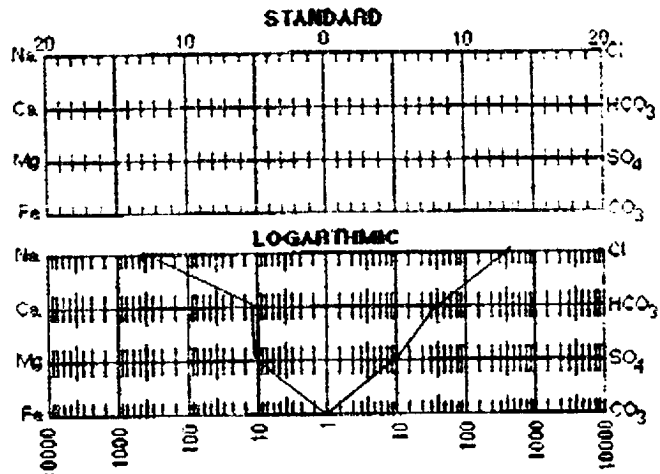
Iron, Fe (total) _____
Sulfide, as H₂S 0

Remarks & Recommendations:

OTHER PROPERTIES

pH 7.43
Specific Gravity, 60/60 F _____
Resistivity (ohm-meter) _____ °F .28
Total Hardness 34587

WATER PATTERNS-me/l



Analyst: _____