



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Rio Puerco Resource Area  
435 Montano N.E.  
Albuquerque, New Mexico 87107

TAKE  
PRIDE IN  
AMERICA

IN REPLY REFER TO:

JIC 360 (WC)  
3160 (017)

DEC 20 1993

Merrion Oil and Gas Corporation  
P.O. Box 840  
Farmington, New Mexico 87499

Gentlemen:

We have completed our review of the information provided in your application for use of an Alternative Measurement method for marginal low flow wells dated December 17, 1992. The following wells were evaluated to determine if they qualify for use of an Alternative Measurement method for marginal low flow wells:

NAME	LOCATION	LEASE
Bonanza #5	Sec. 12 ,T.22 N.,R.3 W.	Jicarilla Lease #360
<del>XXXXXXXXXX</del>	<del>XXXXXXXXXX, T.22 N., R.3 W.</del>	Jicarilla Lease #360

We agree that the Bonanza #5 and Bonanza #6 meet the standards for Alternative Measurement methods for marginal low flow wells as stated in NTL 92-5 (New Mexico). Therefore, your application is approved as of December 16, 1992 and will stay in effect as long as the wells continue to meet the standards for Alternative Measurement methods.

We regret any inconvenience that this late approval may have caused, but due to the work priorities set by our State Office and the recent transfer of responsibility from the Farmington District Office, we were not able to approve this action until this time. If you have any questions, please contact Robert Kent at (505) 761-8762.

Sincerely

(Original Signed) HECTOR A. VILLALOBOS

Hector A. Villalobos  
Area Manager

bcc:  
✓ NMOCD  
BIA  
AIRS/PET

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DIST. 3

Distributions: 0+4 (BLM); 1 - Well File

Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Merrion Oil & Gas corporation 14634	8. Well Name and No. 546 B044920 See attachment
3. Address and Telephone No. P. O. Box 840, Farmington, NM 87499	9. API Well No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) S 12 - 22N - 34 Various locations (see attachments)	10. Field and Pool, or Exploratory Area
	11. County or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input 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
	<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.)\*

Attached - Alternative Measurement

Request Form  
For Time Calculated Volume  
(1-5 Dth Per Day) &  
(5-15 Dth Per Day)

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BLM  
92 DEC 17 PM 1:28  
OIL CON. DIV.  
FARMINGTON, N.M.

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

Signed Hector A. Villalobos Title Operations Manager Date 12-16-92  
(This space for Federal or State office use)  
(Original Signed) HECTOR A. VILLALOBOS  
Approved by \_\_\_\_\_ Title AREA MANAGER Date DEC 20 1993  
Conditions of approval, if any: RIO PUERTO RESOURCE AREA  
NMOC

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

All distances must be from the outer boundaries of the Section.

Operator Merrion Oil & Gas Corporation		Lease BONANZA		Well No. 6
Unit Letter 0	Section 12	Township 22N	Range 3W	County Sandoval

Actual Footage Location of Wells

790	feet from the South	line and	1850	feet from the East	line
Ground Level Elev: 724.7	Producing Formation Dakota	Pool West Lindrith Gallup-Dakota	Dedicated Acreage 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

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DIST. 3

Sec.

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MAY 31 1994

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

12

1850

720'

Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Steve S. Dunn*

Steve S. Dunn  
Position  
Operations Manager

Company  
Merrion Oil & Gas Corp.

Date  
5/21/84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

November 8, 1980

Registered Professional Engineer  
and Land Surveyor

*Fred B. Kerr Jr.*  
Fred B. Kerr Jr.

Certificate No.

1950

DATE : Ref Agreement dated 1-22-92

Page 1 of 1

REV DATE: 9-8-92

ATTACHMENT  
ALTERNATIVE METHOD

## LOW FLOW WELL LISTING

Operator Code 5997  
Operator Name Merrion Oil & Gas Corp.

METER NO.	WELL NAME	STATE	AREA LOCATION	TEST PERIOD MCF	TEST PERIOD FLOW HOURS	TIME CALC. HOURLY RATE MCF	AGREED VOLUME DAILY RATE MCF	WELL VOLUME CLOSED CONDITIONS
02-625	Chaco Plant 1 & 2 CPD	NM-31	Aztec	1068	2618.5	0.4	9.6	TC
75-864	Rock House Canyon #1	NM-31	Chaco	20	39.2	0.51	12.24	TC
90-282	Jicarilla 428 # 7	NM-31	Chaco	1302	2761.9	0.47	11.28	TC
90-739	Hanlad Fed #2 FR PC CMGLD	NM-31	Chaco	53	568.5	0.09	0.72	Code 29 off 33% AV
93-106	Hi-Roll #2R	NM-31	Aztec	2354	4107.2	0.57	13.68	TC
93-268	East Lindrith #3	NM-31	Chaco	678	1195.9	0.56	13.44	TC
93-791	Bonanza #5	NM-31	Chaco	1438	2429.1	0.59	14.16	TC
94-052	Bonanza #6	NM-31	Chaco	1422	2326.7	0.61	14.64	TC
94-180	Salazar G-34 #1	NM-31	Chaco	200	354.9	0.56	13.44	TC
94-303	Dome Federal 18-27-13 #2	NM-31	Aztec	761	1837.1	0.41	9.84	TC
94-566	Rita Com #1	NM-31	Chaco	510	2086.1	0.24	5.76	TC
94-722	Salazar G Com 26 #1	NM-31	Chaco	594	1002.4	0.59	14.16	TC

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**TC = Time Calculated Volume (Hourly)**

**AV = Agreed Upon Volume (Daily)**

ACCEPTED BY :