

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88211-0719

DISTRICT III  
1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-136  
Originated 12/23/91

Submit original and 4 copies to the  
appropriate district office.

APPLICATION FOR APPROVAL TO USE AN ALTERNATE GAS MEASUREMENT METHOD  
Rule 403.B(1) or (2)

Operator Name: Redwolf Production, Inc. Operator No. 0333  
Operator Address: P. O. Box 5382 Farmington, NM 87400  
Lease Name: Arco State No. 102 Type: State X Federal      Fee       
Location: E 120' FNL, 650' FNL Sec. 36, T20N, R11W San Juan County, NM  
Pool: Armenta Gallun  
Requested Effective Time Period: Beginning 3/1/93 Ending Indefinitely

APPROVAL PROCEDURE: RULE 403.B.(1)

Please attach a separate sheet with the following information.

- 1) A list of the wells (including well name, number, ULSTR location, and API No.) included in this application.
- 2) A one year production history of each well included in this application (showing the annual and daily volumes).
- 3) The established or agreed-upon daily producing rate for each well and the effective time period.
- 4) Designate wells to be equipped with a flow device (required for wells capable of producing 5 MCF per day or more).
- 5) The gas transporter(s) connected to each well.

APPROVAL PROCEDURE: RULE 403.B.(2)

Please attach a separate sheet with the following information.

A separate application is required for each Central Point Delivery (CPD).

Working interest, royalty and overriding royalty ownership must be common for all wells to be connected to the CPD.

- 1) An ownership plat showing a description of the lease and all of the wells to be produced through this CPD:
  - a) List the wells which will be metered separately, including API No.
  - b) List the wells which will not be metered separately, including API No.
- 2) Describe the proposed method of allocating production from non-metered wells.
- 3) A one year production history of the wells which will not be metered showing the annual and daily volumes.
- 4) The gas transporter(s) connected to this CPD.

**RECEIVED**  
**FEB 8 1993**  
**OIL CON. DIV.**  
**DIST. 3**

Applicant will be responsible for filing OCD Form C-111 for the CPD.

OPERATOR

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: Bruce E. Delventhal

Printed Name & Title: Bruce E. Delventhal  
Engineer

OIL CONSERVATION DIVISION

This approval may be cancelled at anytime that operating conditions indicate that re-tests may be necessary to prevent waste and protect correlative rights.

Approved Until: Further notice

By: Original Signed by FRANK T. CHAVEZ

Title: SUPERVISOR DISTRICT # 3

APPLICATION FOR APPROVAL TO USE AN  
ALTERNATE GAS MEASUREMENT METHOD

Well: Arco State No. 102  
Location: D Sec. 36, T29N, R11W  
San Juan County, New Mexico  
API No.: 30-045-25719

Production History:

<u>Date</u>	<u>MCF</u>	<u>Days On</u>	<u>MCFD</u>
01/92	225	31	7.3
02/92	237	29	8.2
03/92	329	31	10.6
04/92	279	30	9.3
05/92	275	31	8.9
06/92	257	19	13.5
07/92	268	31	8.7
08/92	286	31	9.2
09/92	190	23	8.3
10/92	259	31	8.4
11/92	263	30	8.8
12/92	293	31	9.5
	3161		
	=====		

Transporter: El Paso Natural Gas Company

Agreed Upon Volume (Daily): 10.8 MCFD Effective as soon as  
permitted.

Flow Device: See attached diagram.

Page 1 of 1

REV DATE

ATTACHMENT  
ALTERNATIVE METHOD

## LOW FLOW WELL LISTING

Operator Code 0333  
Operator Name Redwolf Production Inc.

[illegible]

TC = Time Calculated Volume (Hourly)

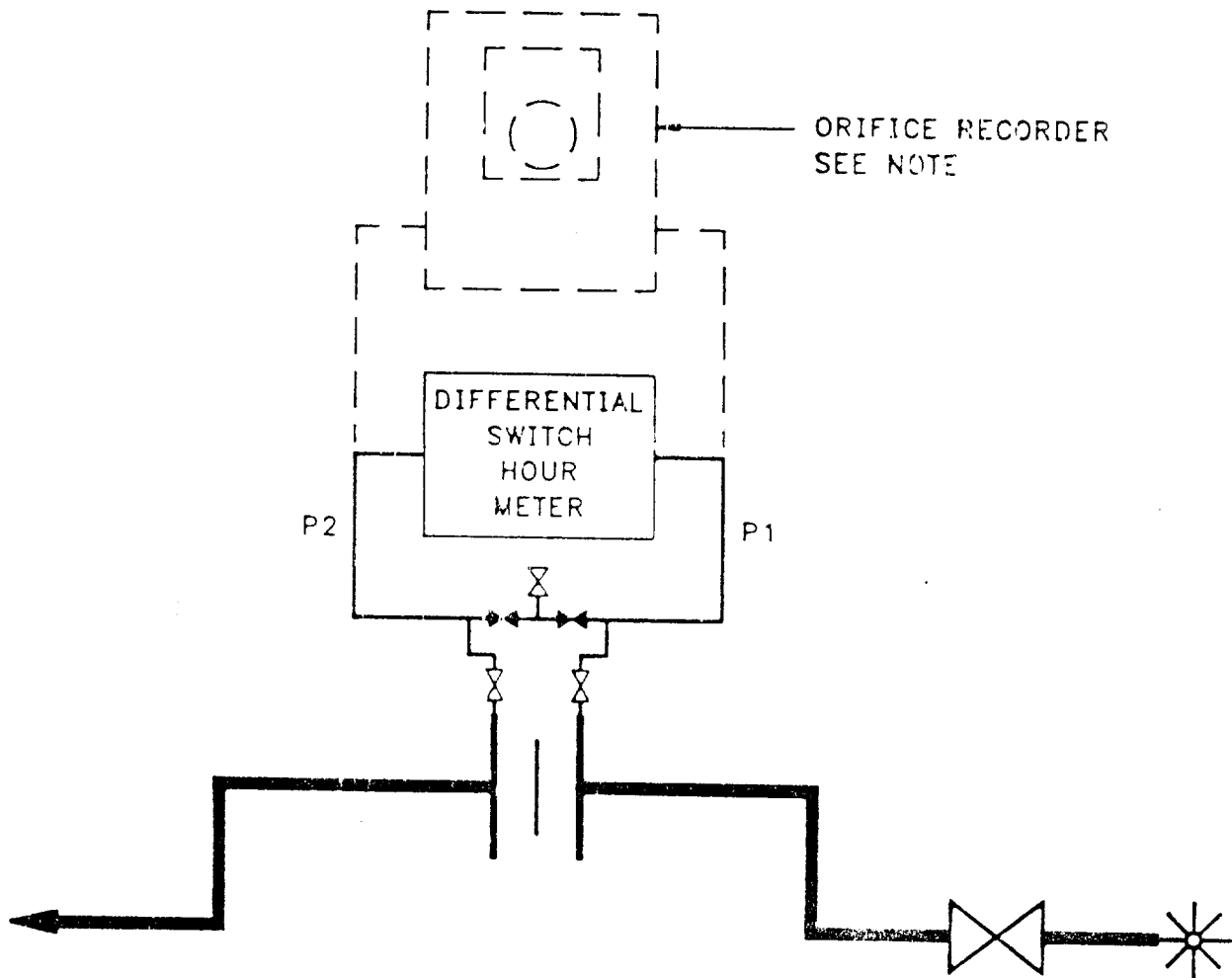
AV = Agreed Upon Volume (Daily)

ACCEPTED BY : \_\_\_\_\_

# TIME CALCULATED VOLUME

## ALTERNATIVE METHOD SCHEMATIC

PRIMARY ELEMENT AND DIFFERENTIAL SWITCH/HOUR METER  
USED FOR FLOW TIME DETECTION AND ANNUAL TEST



NOTE:  
ORIFICE RECORDER TEMPORARILY INSTALLED  
ONLY TO CONDUCT 16 DAY ANNUAL TEST