

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

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

DISTRICT III
1000 Rio Blanco Road, Alamosa, NM 87410

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C
Originated 12/2

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

Submit original and 4 copies to
appropriate district

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

Operator Name: ALPINE OIL & GAS CORPORATION Operator No. 149
Operator Address: P.O. BOX 2567, DURANGO, CO. 81302
Lease Name: JICARILLA 13 #3 A-26-24-5 Type: State INDIAN Federal X Fee
Location: RIO ARriba COUNTY, NEW MEXICO
Pool: BALLARD PC
Requested Effective Time Period: Beginning NOVEMBER 17, 1992 Ending NOVEMBER 17, 1997

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.

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JUN 4 1993

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.

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: Thomas B. Grandin, Jr.

Printed Name & Title: THOMAS B. GRANDIN, JR.

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: 12/17/97

By: [Signature]

Title: SUPERVISOR DISTRICT # 3

ALPINE OIL & GAS CORPORATION

LIST OF WELLS FOR ALTERNATIVE GAS MEASUREMENT METHOD - JICARILLA 13 LEASE

WELL NAME	LOCATION	API NUMBER	METER NO.	FLOW DEVICE	TRANSPORTER
JICARILLA 13#3	26A-24N-5W	3003922504	94185	YES	EL PASO

METER #
WELL NAME

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

94185 - 1992
JIC 13#3

MCF	583	518	534	304	412	287	461	379	406	404	385	56	4729
FLOW HRS	745.00	695.40	744.20	714.60	628.60	455.10	737.70	737.40	685.9	730.5	541.9	139	7555.3
AVG PSIA	144.60	122.60	126.60	138.60	138.60	144.60	143.60	144.60	139.6	146.6	154.6	148.6	141.10
MCF/HR	0.78	0.74	0.72	0.43	0.66	0.63	0.62	0.51	0.59	0.55	0.71	0.40	0.63
MCF/DAY	18.78	17.88	17.22	10.21	15.73	15.14	15.00	12.34	14.21	13.27	17.05	9.67	15.02

Pag 1 of 1

ATTACHMENT
ALTERNATIVE METHOD

Operator Code 0108
Operator Name Alpine Oil & Gas Corp.

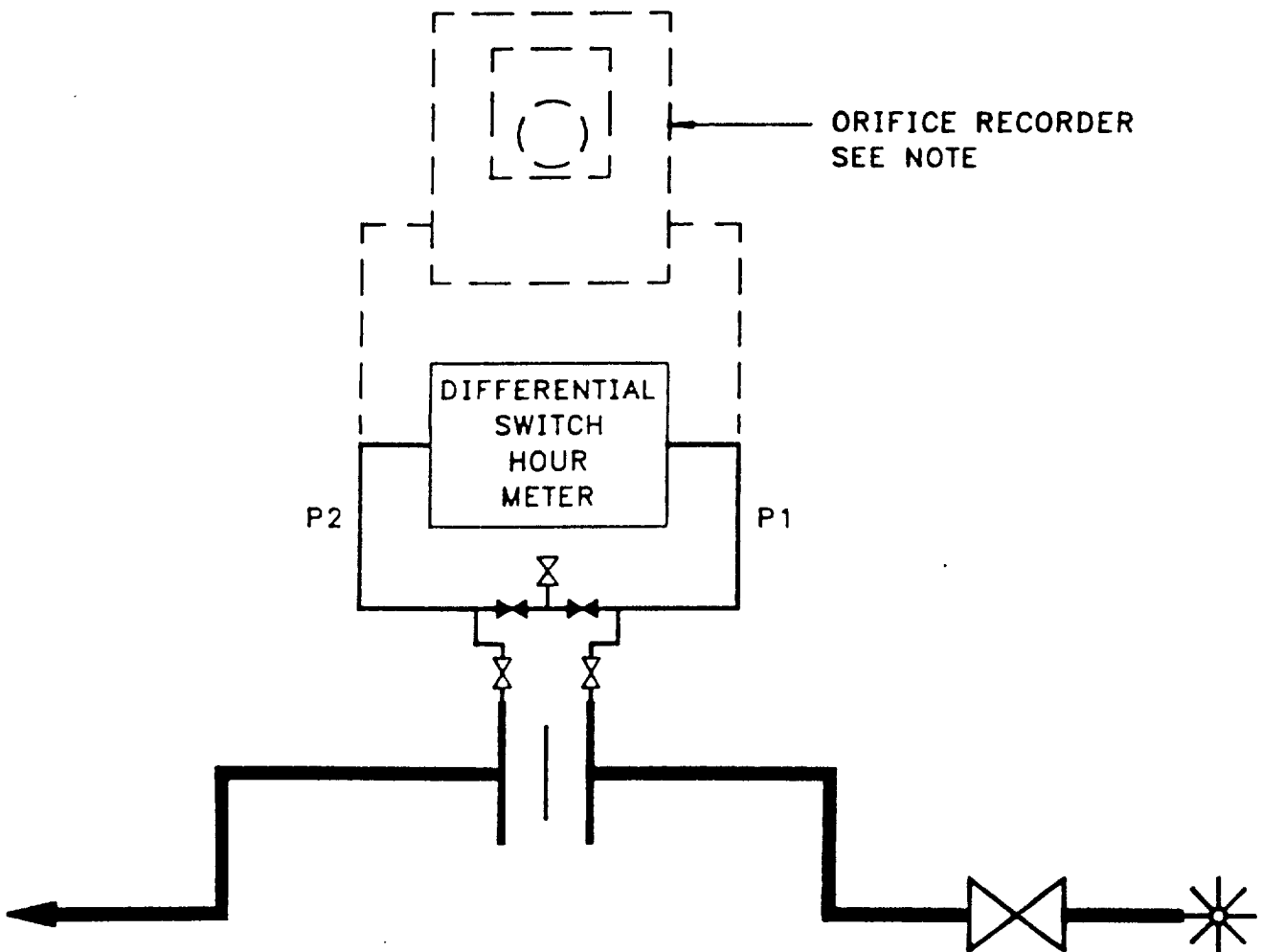
AV = Agreed Upon Volume (Daily)

ACCEPTED BY: Thomas O Grandinif - President

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

TOWNSHIP PLAT (SCALE 1 IN. = 1 MI.)
Form 17-217 (8-77)

TOWNSHIP 24N RANGE 5W COUNTY Rio Arriba STATE New Mexico

6	5	4	3	2			
7							12
16	17	18	19				19
18	20	21	22	23	24		
26	28	29	27	26	25		
31	32	33	34	35	36		

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DIST. 8

#1
#2
#3

Lease Numbers Jicarilla 13

ALPINE OIL & GAS CORPORATION
P. O. BOX 2567
DURANGO, COLORADO 81302

Thomas B. Grandin, Jr.
President

Phone (303) 247-5386
Fax (303) 247-5388

March 1, 1993

Department of the Interior
Bureau of Land Management
435 Montano Road, NE
Albuquerque, New Mexico 87107

RECEIVED
JUN 4 1993
OIL CON. DIV
DIST. 3

RE: Request for Approval To Use An
Alternative Measurement Method for Marginal Gas Well
15 Dth to 5 Dth Per Day
Jicarilla 13 # 3

Dear Sirs:

El Paso Natural Gas Company is unable to continue conventional metering of the above well due to the low volume of production compared with the costs of maintaining and reading the meter. In order to continue to produce this well, it will be necessary to use an alternative measurement method for marginal producing gas wells as specified in NTL 92-5. Therefore, we are asking your approval of the alternative measurement method for the above well.

Attached please find a map showing the above lease and well and a copy of the Application For Approval To Use An Alternative Gas Measurement Method filed with the New Mexico Oil Conservation Commission.

Four copies of this Request for Approval are being submitted. Please be kind enough to return one approved copy.

Sincerely yours,



Thomas B. Grandin, Jr.
President

APPROVED:

Shirley M. Mundy 4/1/93
MINERALS STAFF CHIEF
BUREAU OF LAND MANAGEMENT
RIO PUERCO RESOURCE AREA

NMOCD