

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: ALPINE OIL & GAS CORPORATION Operator No. 149  
Operator Address: P.O. BOX 2567, DURANGO, CO. 81302  
Lease Name: JICARILLA 37-B #1, 1R, 3 + 4 Type: State INDIAN Federal X Fee       
Location: RIO ARRIBA COUNTY, NEW MEXICO 0-14-24-5  
Pool: BALLARD PC  
Requested Effective Time Period: Beginning FEBRUARY 12, 1992 Ending FEBRUARY 12, 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.

RECEIVED

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 subject CPD.

MAR 16 1992  
OIL CON. DIV.  
DIST. 3

- 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.

PRESIDENT

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: 2-12-97

By: Original Signed by FRANK T. CHAVEZ

Title: SUPERVISOR DISTRICT III

ALPINE OIL & GAS CORPORATION

LIST OF WELLS FOR ALTERNATIVE GAS MEASUREMENT METHOD - JICARILLA 37-B LEASE

WELL NAME	LOCATION	API NUMBER	METER NO.	FLOW DEVICE	TRANSPORTER
JICARILLA 37-B#1	14P-24N-5W	3003905436	74-480	YES	EL PASO
JICARILLA 37-B#1R	14O-24N-5W	3003921737	90-612	NO	EL PASO
JICARILLA 37-B#3	24O-24N-5W	3003905345	74-318	YES	EL PASO
JICARILLA 37-B#4	25G-24N-5W	3003905305	74-290	YES	EL PASO

PRODUCTION FOR CALENDAR YEAR 1990

METER # WELL NAME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
74290 JIC 37-B#4	MCF 161	159	250	232	227	217	200	254	203	212	212	176	2503
FLOW HRS	669.90	485.30	739.40	713.10	717.80	720.40	684.60	649.50	694.70	615.90	615.90	612.50	7919
AVG PSIA	132.60	142.60	133.60	142.60	156.60	164.60	172.60	186.60	171.60	170.60	170.60	136.60	156.77
MCF/HR	0.24	0.33	0.34	0.33	0.32	0.30	0.29	0.39	0.29	0.34	0.34	0.29	0.32
MCF/DAY	5.77	7.86	8.11	7.81	7.59	7.23	7.01	9.39	7.01	8.26	8.26	6.90	7.59
74318 JIC 37-B#3	MCF 389	345	342	317	351	365	305	228	381	350	350	390	4113
FLOW HRS	735.00	635.70	743.40	715.40	700.10	684.50	641.30	464.20	650.50	581.00	581.00	732.30	7864.4
AVG PSIA	133.70	141.70	133.70	140.70	150.70	164.70	171.70	183.70	170.70	171.70	171.70	136.70	155.95
MCF/HR	0.53	0.54	0.46	0.44	0.50	0.53	0.48	0.49	0.59	0.60	0.60	0.53	0.52
MCF/DAY	12.70	13.03	11.04	10.63	12.03	12.80	11.41	11.79	14.06	14.46	14.46	12.78	12.55
74480 JIC 37-B#1	MCF 134	132	171	154	107	43	28	0	114	65	65	97	1110
FLOW HRS	593.30	581.50	717.30	569.60	472.40	159.10	93.80	0.00	273.00	226.40	226.40	482.90	4395.7
AVG PSIA	135.60	141.60	137.60	145.60	157.60	166.60	170.60	0.00	168.70	172.60	172.60	142.60	155.61
MCF/HR	0.23	0.23	0.24	0.27	0.23	0.27	0.30	#DIV/OI	0.42	0.29	0.29	0.20	0.25
MCF/DAY	5.42	5.45	5.72	6.49	5.44	6.49	7.16	#DIV/OI	10.02	6.89	6.89	4.82	6.06
90612 JIC 37-B#1	MCF 79	64	77	41	0	0	125	53	84	7	7	133	670
FLOW HRS	410.20	346.20	453.20	283.00	0.00	0.00	689.90	299.20	610.40	46.90	46.90	677.30	3863.2
AVG PSIA	133.60	146.60	139.60	146.60	0.00	0.00	183.60	201.60	180.60	169.60	169.60	142.60	161.40
MCF/HR	0.19	0.18	0.17	0.14	#DIV/OI	#DIV/OI	0.18	0.18	0.14	0.15	0.15	0.20	0.17
MCF/DAY	4.62	4.44	4.08	3.48	#DIV/OI	#DIV/OI	4.35	4.25	3.30	3.58	3.58	4.71	4.16

DATE : 1-20-92Page 1 of 1REV DATE: 2-11-92ATTACHMENT  
ALTERNATIVE METHOD

## LOW FLOW WELL LISTING

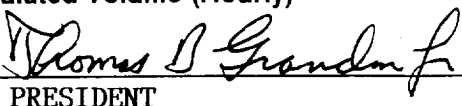
Operator Code 0108  
Operator Name Alpine Oil & Gas Corp.

METER NO.	WELL NAME	STATE	AREA LOCATION	TEST PERIOD MCF	TEST PERIOD FLOW HRS	TIME CALC. HOURLY RATE MCF	AGREED VOLUME DAILY RATE MCF	WELL VOLUME CLOSED CONDITIONS
74-290	Jicarilla 37-B #4	NM-31	Chaco	2442	7614.9	0.32	7.68	TC
74-318	Jicarilla 37-B #3	NM-31	Chaco	4267	7732	0.55	13.2	TC
74-480	Jicarilla 37-B #1	NM-31	Chaco	1292	1527	0.27	6.48	TC
74-880	Jicarrilla 13 #1	NM-31	Chaco	4396	5302	0.55	13.2	TC
<del>74-966</del>	<del>Jicarilla 13 #2</del>	<del>NM-31</del>	<del>Chaco</del>	<del>2355</del>	<del>4567</del>	<del>0.51</del>	<del>12.24</del>	DELETE TC 08 INSTALLED
90-612	Jicarilla 37B #1	NM-31	Chaco	603	3198.5	0.18	1.08	AV Code 08&29 75% no flow time

TC = Time Calculated Volume (Hourly)

AV = Agreed Upon Volume (Daily)

ACCEPTED BY :

  
PRESIDENT