

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -
1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A]
- [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD
- Check One Only for [B] or [C]
- [B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
- [D] Other: Specify _____

Handwritten note: Letter email sent 6/9/05 GOT reply 6/10/05!

- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply
- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
- [B] ☐ Offset Operators, Leaseholders or Surface Owner
- [C] ☐ Application is One Which Requires Published Legal Notice
- [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office.
- [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is accurate and complete to the best of my knowledge. I also understand that no action will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Print or Type Name _____ Signature _____ Title _____ Date _____
e-mail Address _____

Jones, William V

From: Jones, William V
Sent: Thursday, June 09, 2005 11:02 AM
To: 'kcollins@br-inc.com'
Subject: DHC application on the Arizona Jicarilla A Well No. 1

Ken:

This says "prelim allocation attached", but I can't find any allocation numbers in the writeup. I do see some production plots, etc. Let me know which allocation you want to use to start out with prior to completion of testing.

The "State Owned" checkbox is checked on this form - Is this a State lease or a Federal/indian lease?

Also, the ~~"No"~~ box is checked opposite the identical interest question, yet you typed below that interests are "common". Please let me know which it is, if interests are not identical, then, would you please fax or mail to me the list of owners you notified (showing the dates they were notified) and the cover letter you sent to them?

Thank You,

Will Jones

William V. Jones

Engineering Bureau

Oil Conservation Division

Santa Fe

6/9/2005

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1090 Rio Brueco Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company LP
Operator

P.O. Box 4289 Farmington, NM 87499
Address

ARIZONA JICARILLA A
Lease

1
Well No.

Unit I, Sec. 23, T25N, R04W
Unit Letter-Section-Township-Range

Rio Arriba
County

OGRID No: 14538 Property Code 18475 API No. 30-039-05905 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	BASIN	WHEAT	SOUTH BLANCO
Pool Name	FRUITLAND COAL	FRUITLAND SAND	PICTURED CLIFFS Pro Gas
Pool Code	71629	91939 NOT ASSIGNED	72439
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	ESTIMATED 3338'-3366' & 3304'-3332'	ESTIMATED 3282' - 3290'	3380' - 3464'
Method of Production (Flowing or Artificial Lift)	NEW ZONE	NEW ZONE	FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A - 150% Rule	N/A - 150% Rule	N/A - 150% Rule
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1197 From offset Valdez #5	BTU 1125 From offset Johnston Federal #11Y	BTU 1224
Producing, Shut-In or New Zone	NEW ZONE	NEW ZONE	PRODUCING
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: N/A Rates: see attachment	Date: N/A Rates: see attachment	Date: 7/23/03 Rates: 1 Mcf/d
Fixed Allocation Percentage: (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Prelim allocation attached	Oil Gas Prelim allocation attached	Oil Gas Prelim allocation attached

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☒ No ☐
Yes ☐ No ☒

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands
or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: DHC-1780 AZ for PC/FTC

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

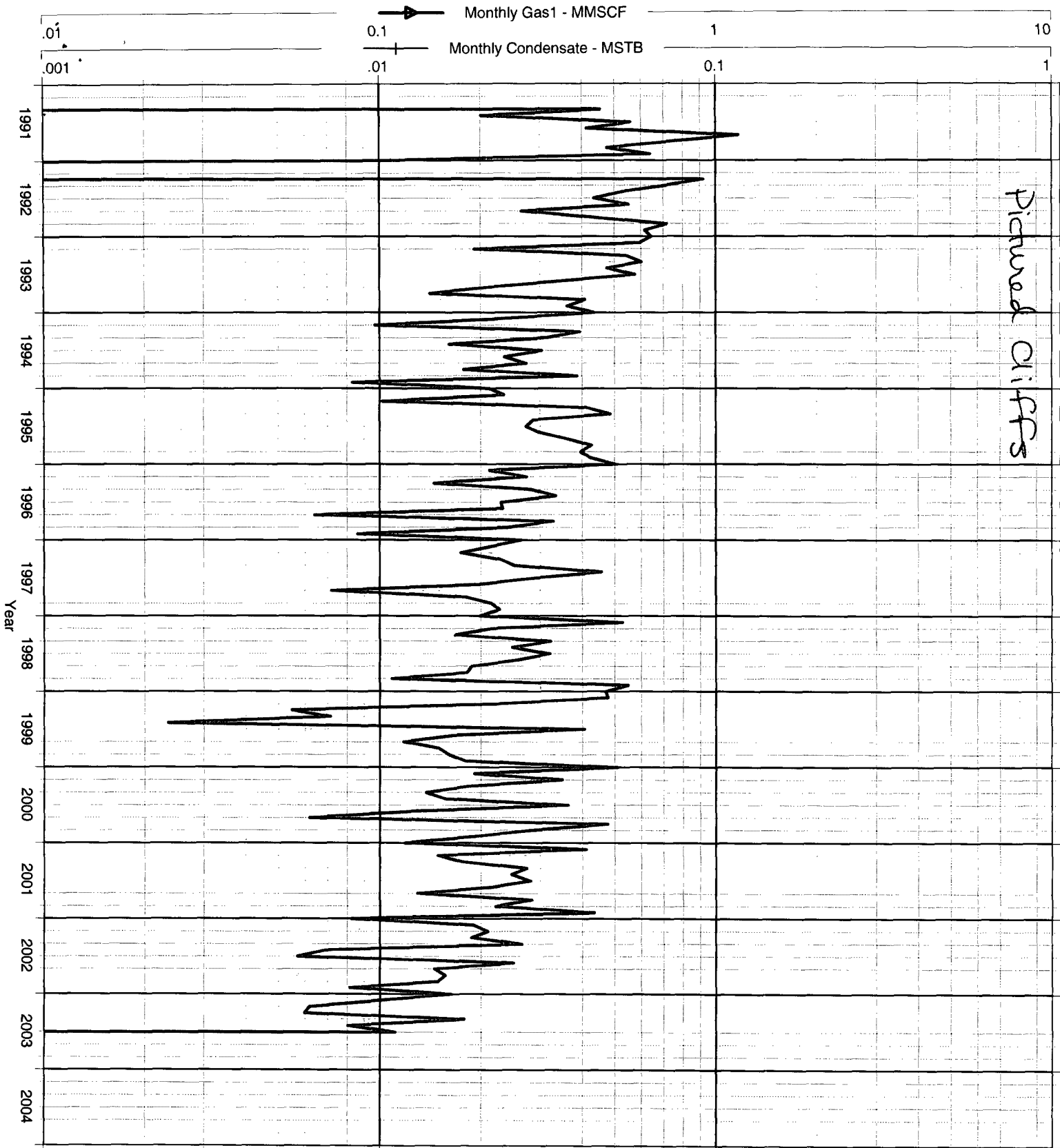
SIGNATURE Ken Collins TITLE Engineer DATE 5/26/05

TYPE OR PRINT NAME Ken Collins TELEPHONE NO. (505) 326-9700

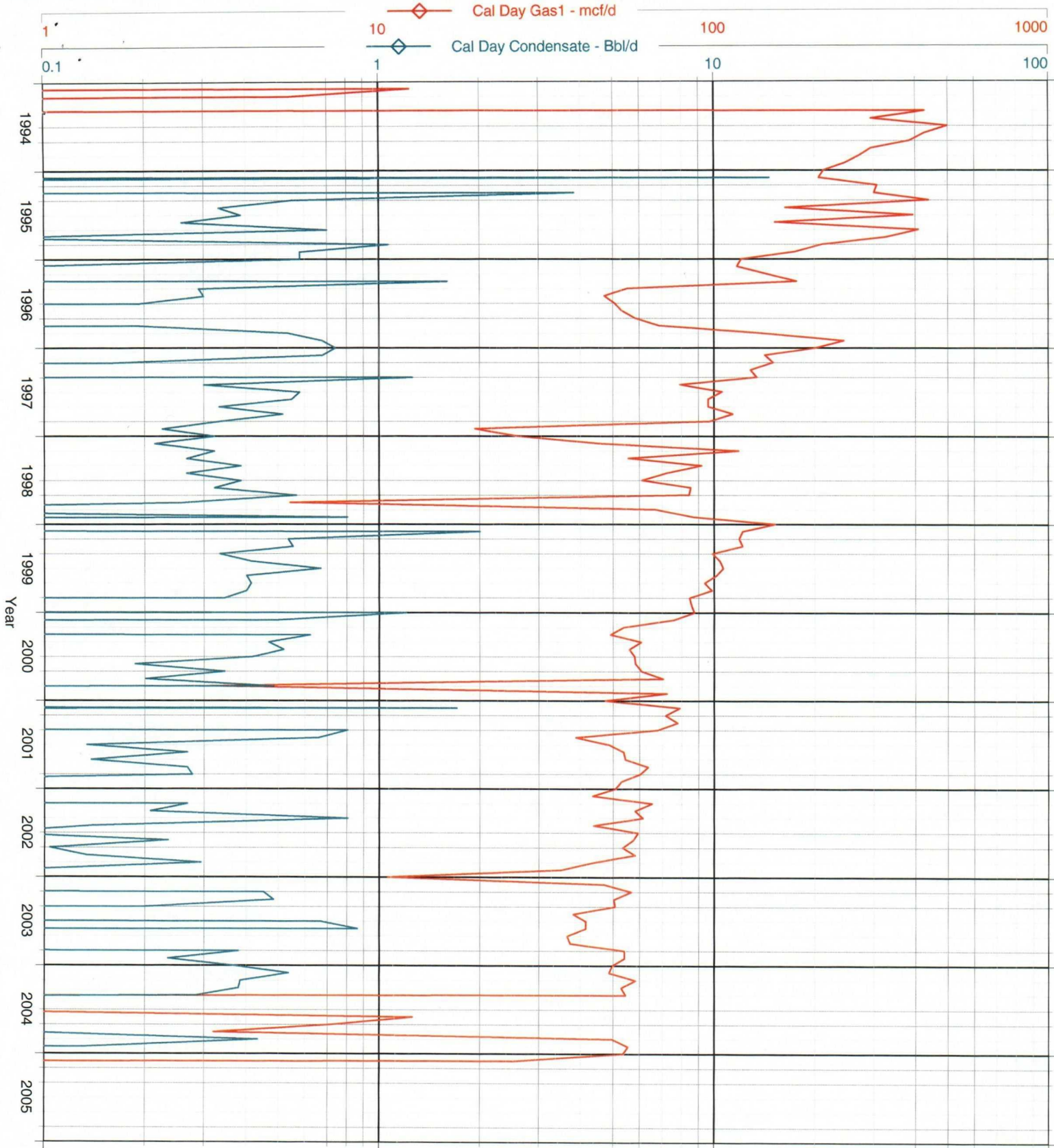
E-MAIL ADDRESS KC Collins@br-inc.com

<h1 style="margin: 0;">BURLINGTON</h1> <h2 style="margin: 0;">RESOURCES</h2> <h3 style="margin: 0;">PRODUCTION ALLOCATION FORM</h3>					Distribution: Regulatory Accounting Well File Original: August 1, 2003	
Type of Completion NEW DRILL <input type="checkbox"/> RECOMPLETION <input checked="" type="checkbox"/> PAYADD <input type="checkbox"/> COMMINGLE <input type="checkbox"/>					Status PRELIMINARY <input checked="" type="checkbox"/> FINAL <input type="checkbox"/>	
Well Name ARIZONA JICARILLA A					Date: 06/10/2005 API No. 30-039-05905	
Unit Letter I	Section 23	Township T25N	Range 04W	Footage 1450' FSL & 1190' FEL	County, State Rio Arriba County, New Mexico	
Completion Date		Test Method HISTORICAL <input type="checkbox"/> FIELD TEST <input type="checkbox"/> PROJECTED <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>				
FORMATION		GAS		PERCENT	CONDENSATE	PERCENT
PICTURED CLIFFS		MMCF		1%	Per	0%
FRUITLAND COAL		424 MMCF		91%	Pay	0%
FRUITLAND SAND		35 MMCF		8%	Chol	0%
JUSTIFICATION OF ALLOCATION: Preliminary allocation for the Fruitland Coal/Sand Recompletion: Gas percentages are based on remaining reserves for the existing Pictured Cliffs and estimated reserves from the Fruitland Coal and Sand formations. Oil Allocation is based on cumulative production. The FTC/Sand does not produce oil, therefore has no oil allocation.						
APPROVED BY		TITLE			DATE	
X 6/10/05		Engineer			6/10/05	
Ken Collins						
X		Engineering Tech.			6/10/05	
Cherylene Charley						

Pictured Cliffs

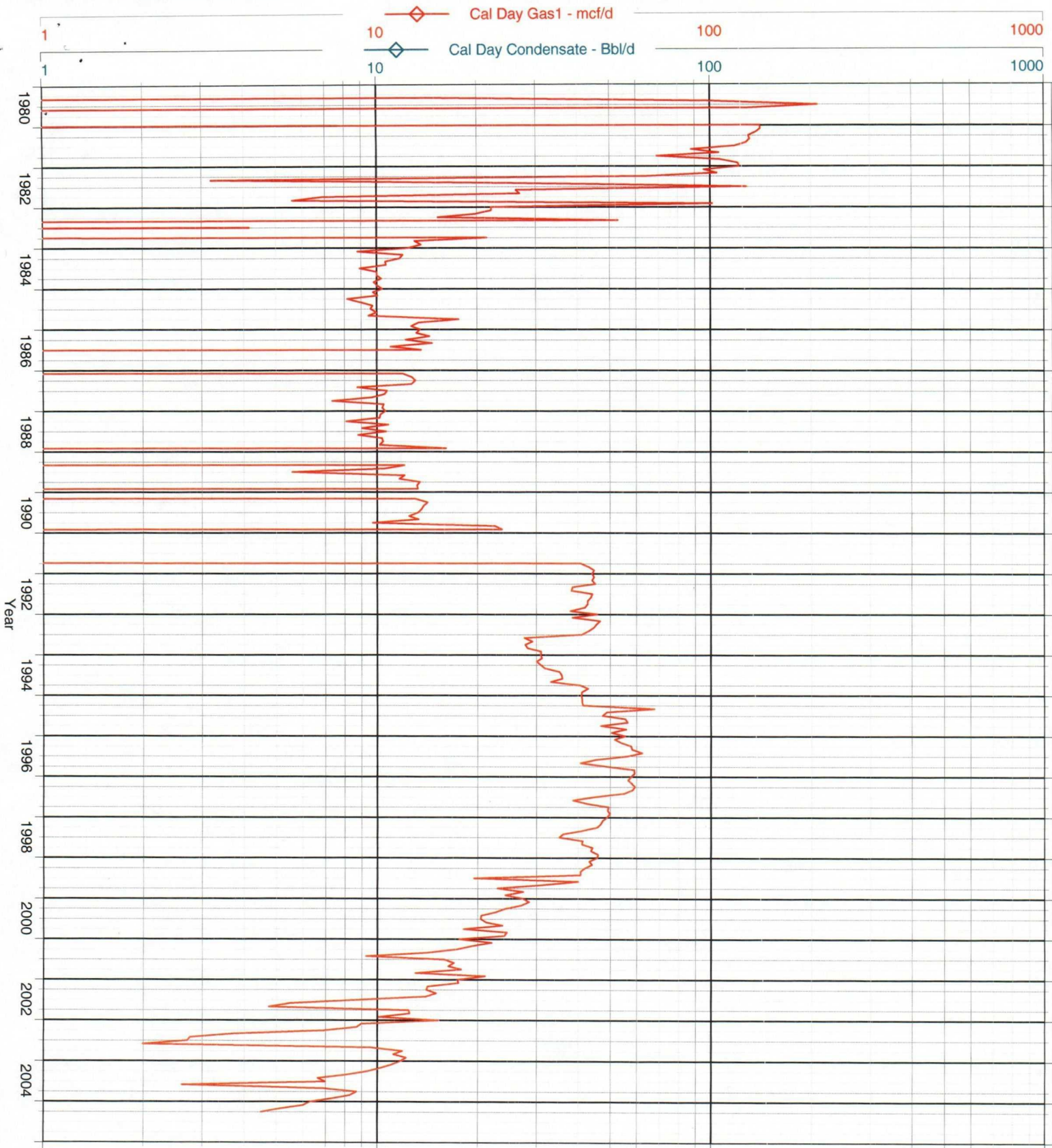


▲ Monthly Gas1 - MMSCF
 Cum: 142.21 MMSCF
 + Monthly Condensate - MSTB
 Cum: 0.00 MSTB



Cal Day Gas1 - mcf/d
 Cum: 424.24 MMSCF

Cal Day Condensate - Bbl/d
 Cum: 1.79 MSTB



—◇— Cal Day Gas1 - mcf/d
 Cum: 266.39 MMSCF
 —◇— Cal Day Condensate - Bbl/d
 Cum: 0.00 MSTB

Copyright 2005. All rights reserved. IHS Energy.

RIO ARRI
ARIZONA JICARILLA
BURLINGTON RESOURCES O&G
IN

Detailed Production Report

```
=====
Lease Name:      ARIZONA JICARILLA A      Well Number:      1
Lease Number:    018475                  Cum Oil:
Operator Name:   BURLINGTON RESOURCES O&G Cum Gas:          142,239
State:          NEW MEXICO                Cum Water:        69 since JAN
County:         RIO ARRIBA                First Production Date: NOV 1959
Field:          BLANCO SOUTH              Last Production Date:  JUL 2003
Sec Twn Rng:     I325.0N4.0W             Spot:             NW NE SE
Latitude/Longitude: 36.38199      -107.21635      Lat/Long Source:  TS
Regulatory #:
API:            30039059050000            Completion Date:   SEP 29, 1959
Production ID:   2300430390590572439      Total Depth:      3500
Reservoir Name:  PICTURED CLIFFS          Upper Perforation: 3380
Prod Zone:       PICTURED CLIFFS          Lower Perforation: 3464
Prod Zone Code:  604PCCF                 Gas Gravity:
Basin Name:      SAN JUAN BASIN            Oil Gravity:
Gas Gatherer:
Liquid Gatherer:
Status:          INACTIVE-PRIOR YEAR      GAS          Temp Gradient:    1.7
                                           N Factor:
                                           GOR:
=====
```

```
Gas Tests          Total count: 9
API                Well Test   Test   Upper Lower Cum Prod WHSIP  WHFP   BHP  BH
Number            Number Type   Date   Perf. Perf.  To Test
-----
First Test
30039059050000    1    CAP19590929                977.0        1063.0 120
30039059050000    1    IP19591106    3380    3464
30039059050000    1    CAP19820823                65181  507.0  343.0  549.0  58
```

58.3 avg. line psi

1 of 2

Copyright 2005. All rights reserved. IHS Energy.

```
30039059050000    1    CAP19840221                77385  437.0  351.0  473.0  50
30039059050000    1    CAP19840710                78704  499.0  463.0  540.0  57
```


District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV1220 S. St Francis Dr., Santa Fe, NM
87505**State of New Mexico****Energy, Minerals and Natural Resources****Oil Conservation Division**

1220 S. St Francis Dr.

Santa Fe, NM 87505

Form C-102

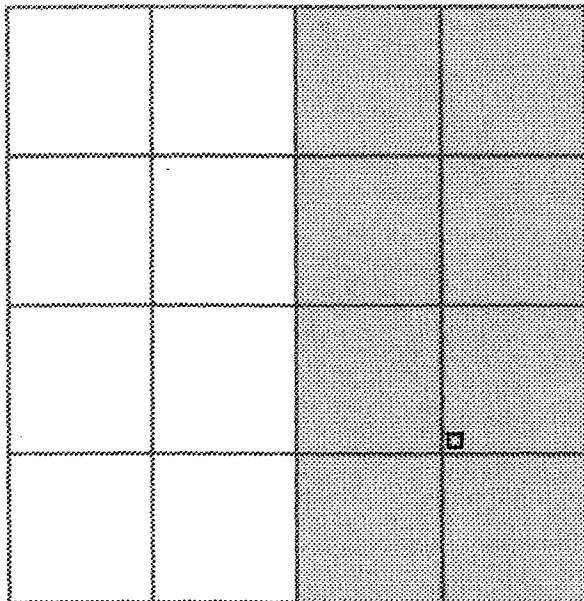
Permit 7108

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-05905	Pool Name BASIN FRUITLAND COAL (GAS)	Pool Code 71629
Property Code 18475	Property Name ARIZONA JICARILLA A	Well No. 001
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS CO	Elevation 6996

Surface And Bottom Hole Location

UL or Lot I	Section 23	Township 25N	Range 04W	Lot Idn	Feet From 1450	N/S Line S	Feet From 1190	E/W Line E	County Rio Arriba
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

**OPERATOR CERTIFICATION**

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

Electronically Signed By: *Nancy Altman*
 Title: Senior Staff Regulatory Specialist
 Date: 2/18/05

SURVEYOR CERTIFICATION

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 belief.

Surveyed By: Ernest Echohawk
 Date of Survey: 08/07/1959
 Certificate Number: 1545

C-102

Page 1 of 1

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV1220 S. St Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-102
Permit 10813

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-05905	Pool Name UNDESIGNATED FRUITLAND SAND	Pool Code
Property Code 18475	Property Name ARIZONA JICARILLA A	Well No. 001
OGRID No. 14538	Operator Name BURLINGTON RESOURCES OIL & GAS COMPANY LP	Elevation 7002

Surface And Bottom Hole Location

UL or Lot I	Section 23	Township 25N	Range 04W	Lot Idn	Feet From 1450	N/S Line S	Feet From 1190	E/W Line E	County Rio Arriba
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

OPERATOR CERTIFICATION

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

Electronically Signed By: *Patsy Chugot*

Title: *SR. Regulatory Specialist*

Date: *5-5-05*

SURVEYOR CERTIFICATION

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 belief.

Surveyed By: Ernest Echohawk

Date of Survey: 08/07/1959

Certificate Number: 1545

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date August 12, 1959

Operator Antec Oil & Gas Company Lease Arizona Jicarilla
Well No. 1-A Unit Letter I Section 23 Township 25N Range 4W NMPN
Located 1450 Feet From South Line, 1190 Feet From East Line
County Elizabetta G. L. Elevation 6996 Dedicated Acreage 160 Acres
Name of Producing Formation Pictured Cliffs Pool South Elizabetta Pictured Cliffs

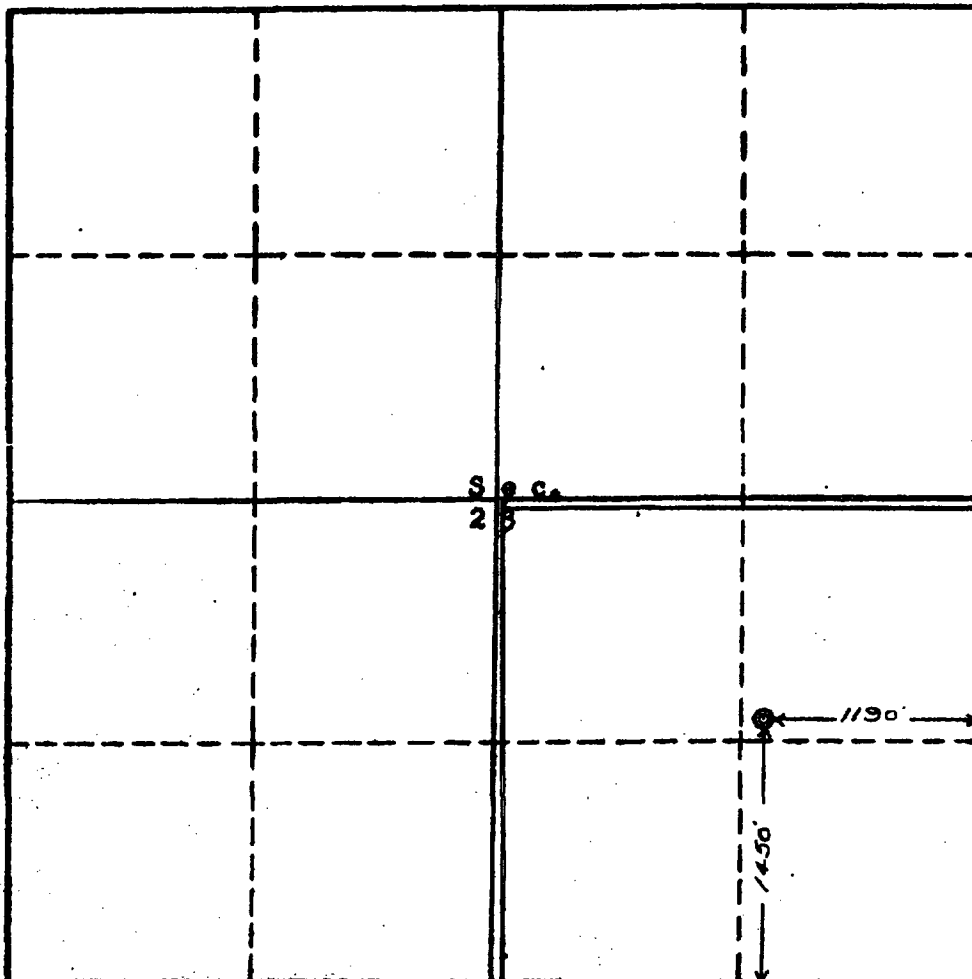
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes XXXX No .
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes No . If answer is "yes,"
Type of Consolidation
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner

Land Description



Section. B



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Antec Oil & Gas Company
(Operator)

ORIGINAL SIGNED BY JOE C. SALMON
(Representative)

Box 786, Farmington, N. M.
Address

This is to certify that the well location on the plat is correct as determined from field notes and actual survey made by me or under my supervision and to the best of my knowledge and belief.

Date Surveyed Aug. 7, 1959

Ernest V. Echshaw
Ernest V. Echshaw
Registered Land Surveyor.

Certificate No. 1445