

ABOVE THIS LINE FOR DIVISION USE ONLY

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 _____

- [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.

Yolanda Perez
Print or Type Name

Yolanda Perez
Signature

Sr. Regulatory Analyst
Title

6/17/02
Date

Yolanda.perez@conoco.com
e-mail Address



Yolanda Perez
Sr. Regulatory Analyst
San Juan Asset Team
Exploration-Production USSA

Conoco Inc.
600 N. Dairy Ashford, DU 3084
Houston, TX 77079-6651
(281) 293-1613 fax (281) 293-5090

June 17, 2002

New Mexico Oil Conservation Division
1220 So. St. Francis Drive
Santa Fe, NM 87505

Attention: David Catanach

**RE: Amend DHC Order #1940
Jicarilla "B" No. 2A
API No. 30-039-25845
Unit I, Sec. 25, T26N, R4W
Rio Arriba County, New Mexico**

Dear Mr. Catanach,

Conoco Inc. is submitting the attached form C107A, along with supporting documentation, to amend the above mentioned DHC Order. A copy of the Administrative Order DHC-1940 is also enclosed. Conoco now wishes to DHC the Blanco Mesaverde (72319) and Tapacito Pictured Cliffs (85920) pools. This is a pre-approved pool combination. Interest owners are identical in both pools.

If you have any questions and/or comments, please call me at (281) 293-1613 or email yolanda.perez@conoco.com. Please advise me on which of the supporting documents that accompany the C107A application are required or necessary.

Sincerely,

Yolanda Perez
Sr. Regulatory Analyst
Lobo/San Juan Asset

Enclosures

District I
1625 N. French Drive, Hobbs, NM 68240

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals, and Natural Resources Department

Form C-107A
Revised May 15, 2000

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well

☒ Established Pre-Approved Pools

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Conoco Inc. P. O. Box 2197, DU 3084 HoustonTX 77252-2197
Operator Address

Jicarilla B 2A I, Sec.25 T27N R4W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 005073 Property Code API No. 30-039-25845 Lease Type ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Tapacito Pictured Cliffs		Blanco Mesaverde
Pool Code	85920		72319
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3786 - 3864 proposed		5940 - 6071
Method of Production (Flowing of Artificial Lift)	expected to flow		flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	400 psig (estimated)	$\frac{200}{3786} = .5285 \text{ psi/ft}$	$\frac{1600}{2000} = .8$ current 2000 psig
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1270 BTU/SCF		1260 BTU/SCF
Producing, Shut-in or 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: Rates: See attached	Date: Rates:	Date: 06/12/2002 Rates: 201 MCFPD, 1 BWPD, 1/4 BOPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or part production, supporting data or explanation will be required.)	Oil Gas 0 % Subtraction	Oil Gas % %	Oil Gas 100 % Subtraction

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingling zones? Yes ☒ No ☐
If not, have all working royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☒

Are all produced fluids from all commingling 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: R-11363

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 Yolanda Perez TITLE Sr. Regulatory Analyst DATE 06/17/2002

TYPE OR PRINT NAME Yolanda Perez TELEPHONE NO. (281)293-1613

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 15, 2000

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-25845		2 Pool Code 85920		3 Pool Name TAPACITO PICTURED CLIFFS	
4 Property Code CONT 1		5 Property Name JICARILLA B			6 Well Number 2A
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 7186 GL

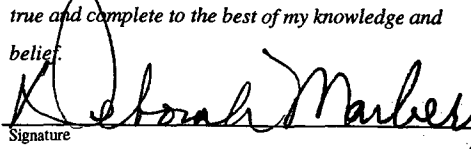
10 Surface Location

UL or lot no. I	Section 25	Township 26N	Range 4W	Lot Idn	Feet from the 1540'	North/South line SOUTH	Feet from the 1185'	East/West line EAST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 160	13 Joint or Infill I	14 Consolidation Code		15 Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature DEBORAH MARBERRY Printed Name REGULATORY ANALYST Title 04/17/2002 Date	
				18 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. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

1185'

1540'

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State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-25845		2 Pool Code 71599		3 Pool Name BLANCO MESAVERDE	
4 Property Code CONT 1		5 Property Name JICARILLA B			6 Well Number 2A
7 OGRID No. 005073		8 Operator Name CONOCO, INC.			9 Elevation 7186 GL

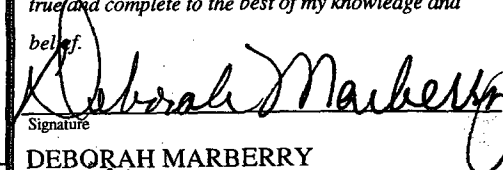
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UL or lot no. I	Section 25	Township 26N	Range 4W	Lot Idn	Feet from the 1540'	North/South line SOUTH	Feet from the 1185'	East/West line EAST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 320	13 Joint or Infill I	14 Consolidation Code		15 Order No.					

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
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JICARILLA B - 2A_MV (1994306) Data: Jun.2001-Apr.2002

Operator: CONOCO INC
Field: BLANCO (MESAVARDE) MV
Zone: MESAVARDE
Type: Gas
Group: Well::South Area Wells

Cal Day Gas FC 1 (Rate-Time)
qi: 465.037 mcf/d, Jun, 2001
qf: 65.5806 mcf/d, Jul, 2036
di(Hyp): 55.8991 CTD: 100.419 MMSCF
RR: 493.581 MMSCF Tot: 594 MMSCF

Production Cums
Oil: 0.267 MSTB
Gas: 100.419 MMSCF
Water: 0.266 MSTB
Cond: 0 MSTB

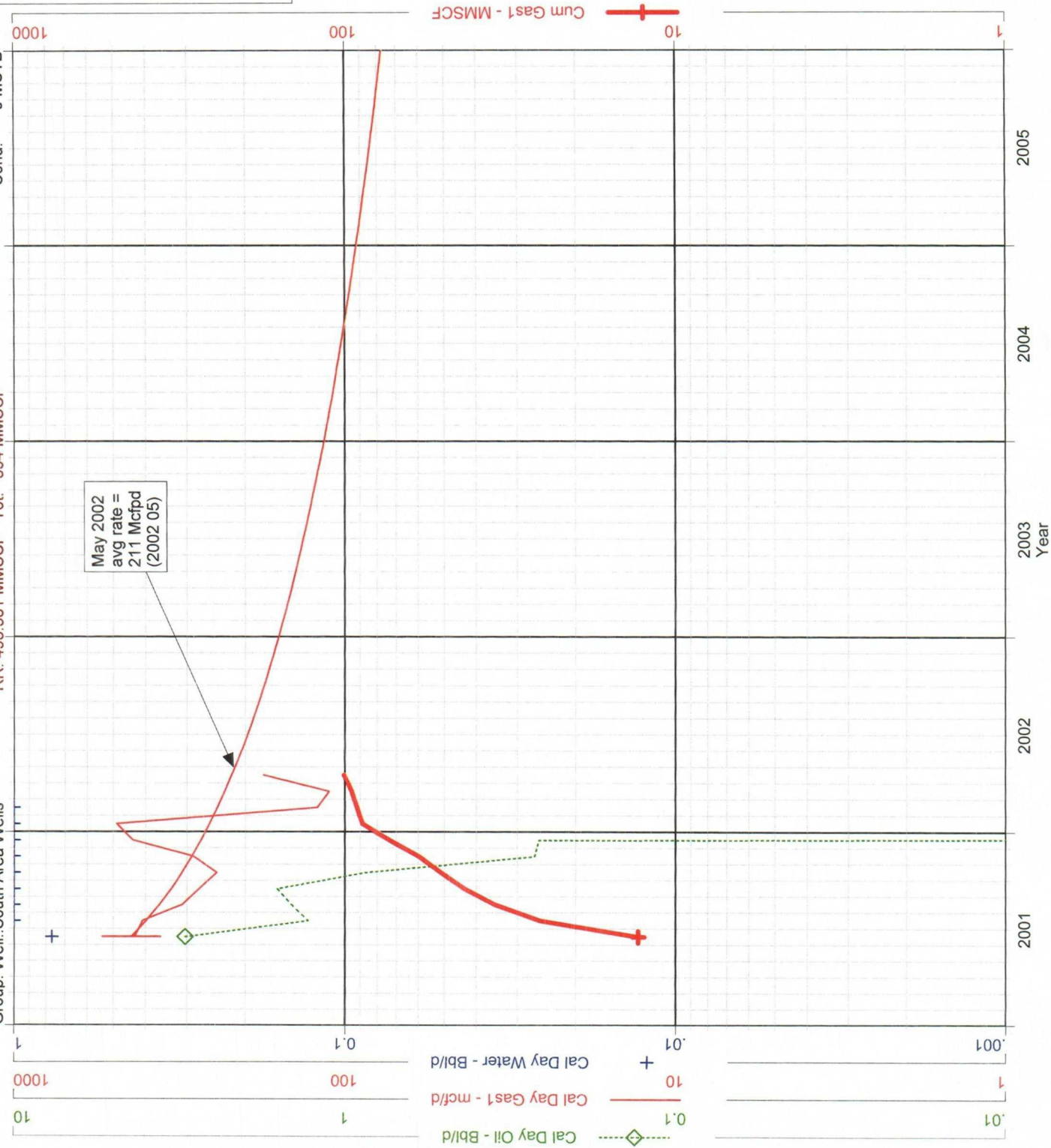
Cal Day Oil - Bbl/d
Cum: 0.267 MSTB

Cal Day Gas1 - mcf/d
Cum: 100.419 MMSCF

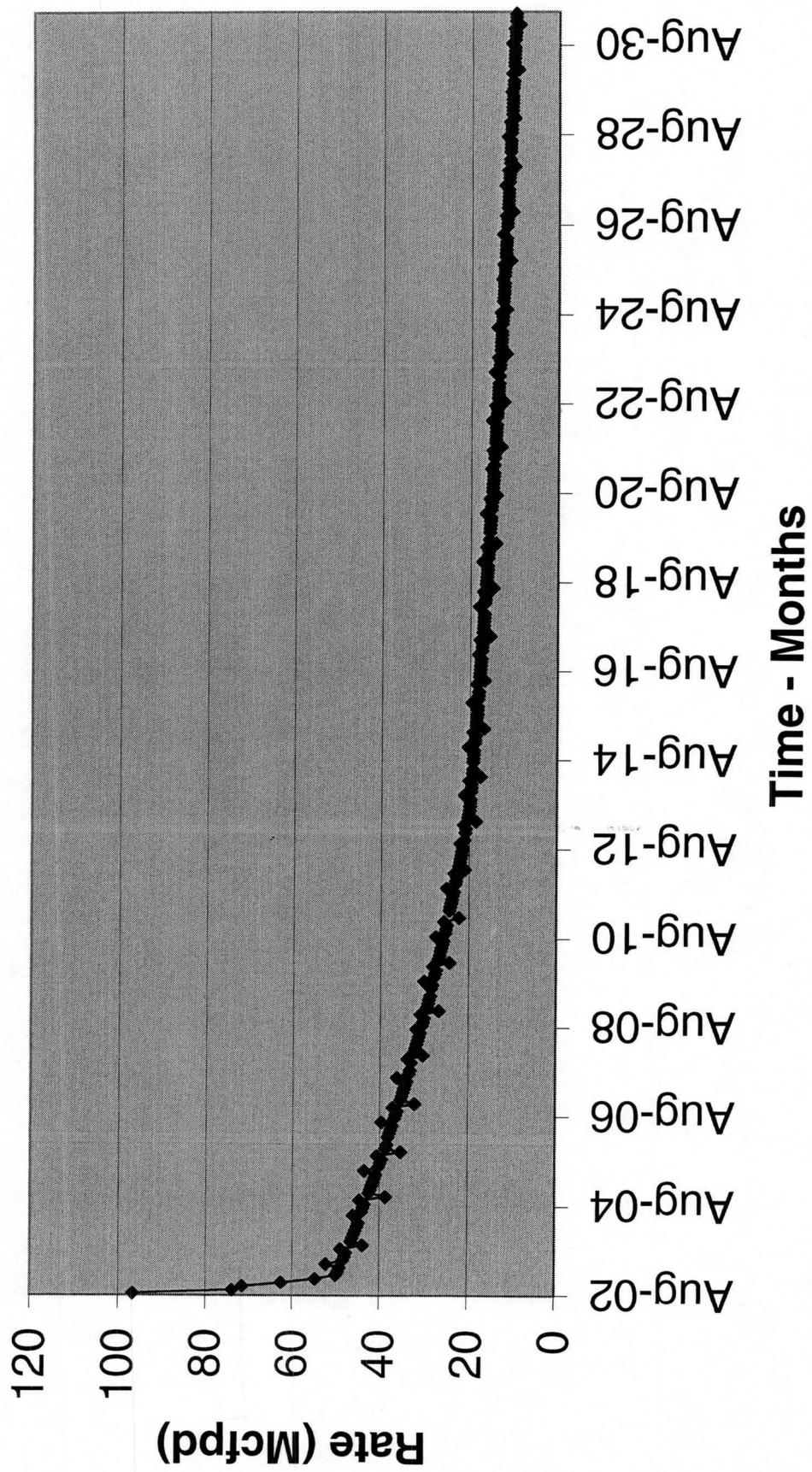
Cal Day Gas FC 1 - mcf/d
versus time
Qi: 465.037 mcf/d, Jun, 2001
Qf: 65.5806 mcf/d, Jul, 2036
Di(Hyperbolic): 55.8991
n: 1.2
RR: 493.581 MMSCF
EUR: 594 MMSCF
Corr coeff: N/A

Cal Day Water - Bbl/d
Cum: 0.266 MSTB

Cum Gas1 - MMSCF
Cum: 0



Jicarilla B2A Pictured Cliffs Rate Prediction



JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
Aug-02	96.7	2.9
Sep-02	73.92	2.2
Oct-02	71.57	2.2
Nov-02	62.58	1.9
Dec-02	54.73	1.7
Jan-03	49.96	1.5
Feb-03	49.49	1.5
Mar-03	49.11	1.5
Apr-03	52.22	1.6
May-03	48.37	1.5
Jun-03	48	1.5
Jul-03	47.63	1.4
Aug-03	48.84	1.5
Sep-03	43.87	1.3
Oct-03	46.54	1.4
Nov-03	46.19	1.4
Dec-03	45.84	1.4
Jan-04	45.49	1.4
Feb-04	45.14	1.4
Mar-04	44.79	1.4
May-04	45.98	1.4
Jun-04	44.11	1.3
Jul-04	43.77	1.3
Aug-04	43.44	1.3
Sep-04	44.55	1.4
Oct-04	38.64	1.2
Nov-04	42.45	1.3
Dec-04	42.13	1.3
Jan-05	41.8	1.3
Feb-05	41.48	1.3
Mar-05	41.17	1.3
Apr-05	40.85	1.2
May-05	43.44	1.3
Jun-05	40.23	1.2
Jul-05	39.92	1.2
Aug-05	39.62	1.2
Sep-05	40.62	1.2
Oct-05	35.23	1.1
Nov-05	38.72	1.2
Dec-05	38.42	1.2
Feb-06	38.13	1.2
Mar-06	37.84	1.2
Apr-06	37.55	1.1

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
May-06	37.26	1.1
Jun-06	39.61	1.2
Jul-06	36.69	1.1
Aug-06	36.41	1.1
Sep-06	36.13	1.1
Oct-06	37.06	1.1
Nov-06	32.14	1.0
Dec-06	35.31	1.1
Jan-07	35.04	1.1
Feb-07	34.77	1.1
Mar-07	34.51	1.0
Apr-07	34.24	1.0
May-07	33.98	1.0
Jun-07	36.13	1.1
Jul-07	33.46	1.0
Aug-07	33.21	1.0
Oct-07	32.95	1.0
Nov-07	33.79	1.0
Dec-07	30.36	0.9
Jan-08	32.2	1.0
Feb-08	31.96	1.0
Mar-08	31.71	1.0
Apr-08	31.47	1.0
May-08	31.23	1.0
Jun-08	30.99	0.9
Jul-08	31.82	1.0
Aug-08	30.52	0.9
Sep-08	30.29	0.9
Oct-08	30.06	0.9
Nov-08	30.82	0.9
Dec-08	26.74	0.8
Jan-09	29.37	0.9
Feb-09	29.15	0.9
Mar-09	28.92	0.9
Apr-09	28.7	0.9
Jun-09	28.48	0.9
Jul-09	28.27	0.9
Aug-09	30.05	0.9
Sep-09	27.84	0.8
Oct-09	27.62	0.8
Nov-09	27.41	0.8
Dec-09	28.11	0.9
Jan-10	24.38	0.7

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
Feb-10	26.79	0.8
Mar-10	26.58	0.8
Apr-10	26.38	0.8
May-10	26.18	0.8
Jun-10	25.98	0.8
Jul-10	25.78	0.8
Aug-10	27.41	0.8
Sep-10	25.39	0.8
Oct-10	25.19	0.8
Nov-10	25	0.8
Dec-10	25.64	0.8
Jan-11	22.24	0.7
Mar-11	24.43	0.7
Apr-11	24.24	0.7
May-11	24.06	0.7
Jun-11	23.88	0.7
Jul-11	23.69	0.7
Aug-11	23.51	0.7
Sep-11	25	0.8
Oct-11	23.15	0.7
Nov-11	22.98	0.7
Dec-11	22.8	0.7
Jan-12	23.38	0.7
Feb-12	21	0.6
Mar-12	22.28	0.7
Apr-12	22.11	0.7
May-12	21.94	0.7
Jun-12	21.77	0.7
Jul-12	21.61	0.7
Aug-12	21.44	0.7
Sep-12	22.01	0.7
Oct-12	21.12	0.6
Dec-12	20.96	0.6
Jan-13	20.8	0.6
Feb-13	21.33	0.6
Mar-13	18.5	0.6
Apr-13	20.32	0.6
May-13	20.17	0.6
Jun-13	20.02	0.6
Jul-13	19.94	0.6
Aug-13	19.87	0.6
Sep-13	19.8	0.6
Oct-13	21.15	0.6

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
Nov-13	19.67	0.6
Dec-13	19.6	0.6
Jan-14	19.53	0.6
Feb-14	20.12	0.6
Mar-14	17.52	0.5
Apr-14	19.34	0.6
May-14	19.27	0.6
Jul-14	19.21	0.6
Aug-14	19.14	0.6
Sep-14	19.08	0.6
Oct-14	19.01	0.6
Nov-14	20.3	0.6
Dec-14	18.88	0.6
Jan-15	18.82	0.6
Feb-15	18.75	0.6
Mar-15	19.31	0.6
Apr-15	16.83	0.5
May-15	18.56	0.6
Jun-15	18.5	0.6
Jul-15	18.44	0.6
Aug-15	18.37	0.6
Sep-15	18.31	0.6
Oct-15	18.25	0.6
Nov-15	19.49	0.6
Dec-15	18.13	0.6
Jan-16	18.06	0.5
Feb-16	18	0.5
Apr-16	18.54	0.6
May-16	16.73	0.5
Jun-16	17.82	0.5
Jul-16	17.76	0.5
Aug-16	17.7	0.5
Sep-16	17.64	0.5
Oct-16	17.58	0.5
Nov-16	17.52	0.5
Dec-16	18.06	0.5
Jan-17	17.4	0.5
Feb-17	17.34	0.5
Mar-17	17.28	0.5
Apr-17	17.79	0.5
May-17	15.51	0.5
Jun-17	17.11	0.5
Jul-17	17.05	0.5

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
Aug-17	16.99	0.5
Sep-17	16.93	0.5
Oct-17	16.88	0.5
Nov-17	16.82	0.5
Jan-18	17.96	0.5
Feb-18	16.71	0.5
Mar-18	16.65	0.5
Apr-18	16.59	0.5
May-18	17.09	0.5
Jun-18	14.89	0.5
Jul-18	16.42	0.5
Aug-18	16.37	0.5
Sep-18	16.31	0.5
Oct-18	16.26	0.5
Nov-18	16.2	0.5
Dec-18	16.15	0.5
Jan-19	17.24	0.5
Feb-19	16.04	0.5
Mar-19	15.98	0.5
Apr-19	15.93	0.5
May-19	16.4	0.5
Jun-19	14.29	0.4
Jul-19	15.77	0.5
Sep-19	15.71	0.5
Oct-19	15.66	0.5
Nov-19	15.61	0.5
Dec-19	15.55	0.5
Jan-20	15.5	0.5
Feb-20	16.55	0.5
Mar-20	15.4	0.5
Apr-20	15.34	0.5
May-20	15.29	0.5
Jun-20	15.75	0.5
Jul-20	14.21	0.4
Aug-20	15.14	0.5
Sep-20	15.08	0.5
Oct-20	15.03	0.5
Nov-20	14.98	0.5
Dec-20	14.93	0.5
Jan-21	14.88	0.5
Feb-21	15.34	0.5
Mar-21	14.78	0.4
May-21	14.73	0.4

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfd	Rate MMcf
Jun-21	14.68	0.4
Jul-21	15.12	0.5
Aug-21	13.17	0.4
Sep-21	14.53	0.4
Oct-21	14.48	0.4
Nov-21	14.43	0.4
Dec-21	14.38	0.4
Jan-22	14.33	0.4
Feb-22	14.29	0.4
Mar-22	15.26	0.5
Apr-22	14.19	0.4
May-22	14.14	0.4
Jun-22	14.09	0.4
Jul-22	14.51	0.4
Aug-22	12.65	0.4
Sep-22	13.95	0.4
Oct-22	13.9	0.4
Nov-22	13.85	0.4
Dec-22	13.81	0.4
Jan-23	13.76	0.4
Mar-23	13.71	0.4
Apr-23	14.65	0.4
May-23	13.62	0.4
Jun-23	13.57	0.4
Jul-23	13.53	0.4
Aug-23	13.93	0.4
Sep-23	12.14	0.4
Oct-23	13.39	0.4
Nov-23	13.35	0.4
Dec-23	13.3	0.4
Jan-24	13.26	0.4
Feb-24	13.21	0.4
Mar-24	13.17	0.4
Apr-24	14.06	0.4
May-24	13.08	0.4
Jun-24	13.03	0.4
Jul-24	12.99	0.4
Aug-24	13.37	0.4
Sep-24	12.07	0.4
Nov-24	12.86	0.4
Dec-24	12.81	0.4
Jan-25	12.77	0.4
Feb-25	12.72	0.4

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

Date	Rate Mcfpd	Rate MMcf
Dec-28	10.25	0.3
Jan-29	10.92	0.3
Feb-29	10.88	0.3
Mar-29	10.84	0.3
Apr-29	10.81	0.3
May-29	10.77	0.3
Jun-29	10.73	0.3
Jul-29	11.07	0.3
Aug-29	10.66	0.3
Sep-29	10.63	0.3
Oct-29	10.59	0.3
Dec-29	10.9	0.3
Jan-30	9.5	0.3
Feb-30	10.48	0.3
Mar-30	10.45	0.3
Apr-30	10.41	0.3
May-30	10.38	0.3
Jun-30	10.34	0.3
Jul-30	10.31	0.3
Aug-30	11	0.3
Sep-30	10.24	0.3
Oct-30	10.2	0.3
Nov-30	10.17	0.3
Dec-30	10.47	0.3
Jan-31	9.12	0.3
Feb-31	10.06	0.3
Mar-31	10.03	0.3
Apr-31	10.01	0.3

JICARILLA B - 2A (Jicarilla B-4 PC replacement)
Pictured Cliffs Forecast

EUR = 219.9 MMcf

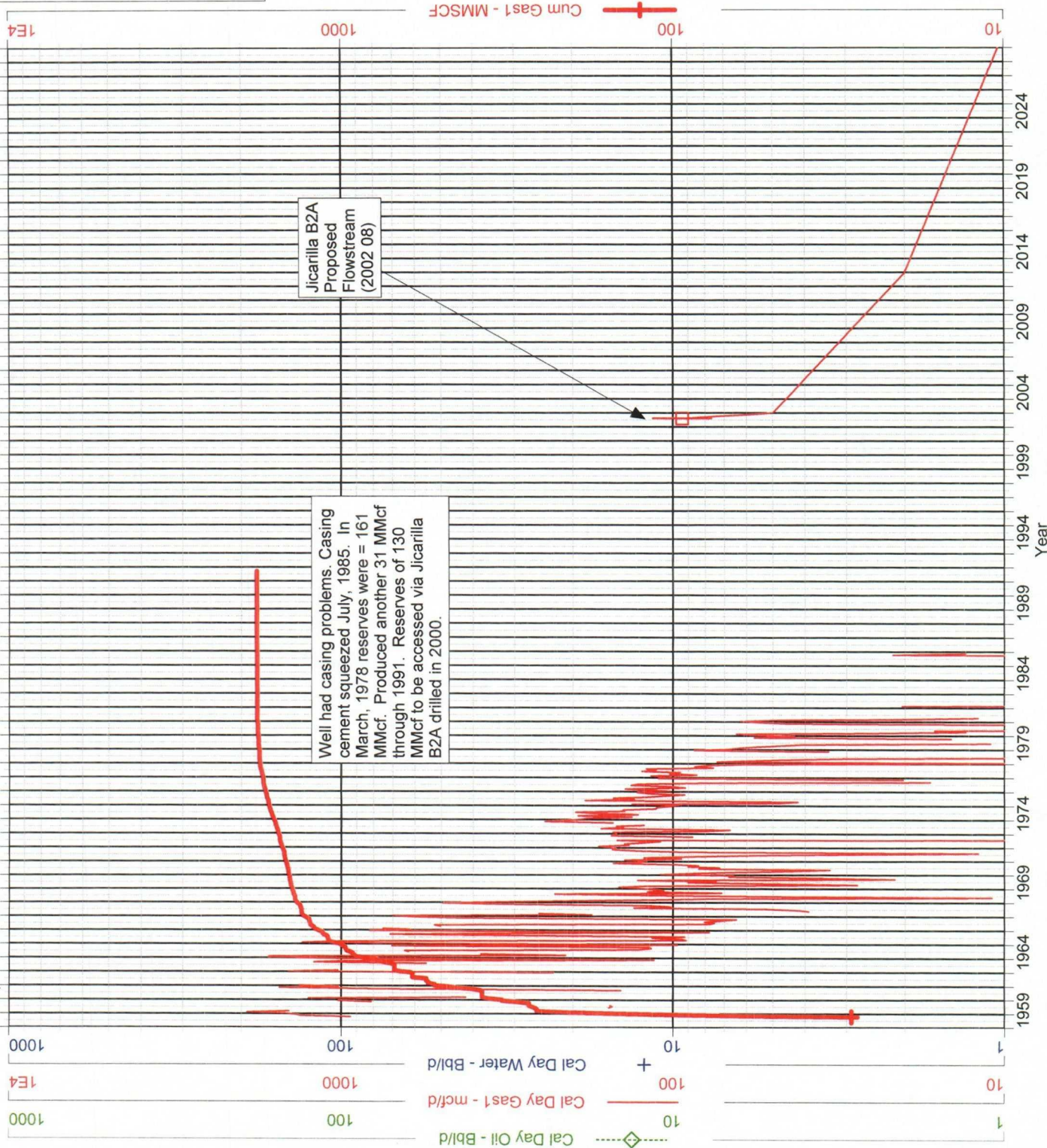
Date	Rate Mcfpd	Rate MMcf
Mar-25	12.68	0.4
Apr-25	12.64	0.4
May-25	13.03	0.4
Jun-25	12.55	0.4
Jul-25	12.51	0.4
Aug-25	12.47	0.4
Sep-25	12.84	0.4
Oct-25	11.18	0.3
Nov-25	12.34	0.4
Dec-25	12.3	0.4
Jan-26	12.26	0.4
Feb-26	12.22	0.4
Mar-26	12.17	0.4
Apr-26	12.13	0.4
May-26	12.95	0.4
Jul-26	12.05	0.4
Aug-26	12.01	0.4
Sep-26	11.97	0.4
Oct-26	12.33	0.4
Nov-26	10.74	0.3
Dec-26	11.85	0.4
Jan-27	11.81	0.4
Feb-27	11.77	0.4
Mar-27	11.73	0.4
Apr-27	11.69	0.4
May-27	11.65	0.4
Jun-27	12.44	0.4
Jul-27	11.57	0.4
Aug-27	11.53	0.4
Sep-27	11.49	0.3
Oct-27	11.83	0.4
Nov-27	10.31	0.3
Dec-27	11.37	0.3
Jan-28	11.34	0.3
Mar-28	11.3	0.3
Apr-28	11.26	0.3
May-28	11.22	0.3
Jun-28	11.18	0.3
Jul-28	11.94	0.4
Aug-28	11.11	0.3
Sep-28	11.07	0.3
Oct-28	11.03	0.3
Nov-28	11.36	0.3

JICARILLA B - 4_PC (1884921) Data: Jul. 1959-Oct. 1991

Operator: CONOCO INC
 Field: TAPACITO (PICTURED CLIFFS) PC
 Zone: PICTURED CLIFFS
 Type: Gas
 Group: Well: South Area Wells

B2A PC flowstream (Rate-Time)
 qi: 100 mcf/d, Aug. 2002
 qf: 10.0057 mcf/d, Dec. 2029
 di(Exp): 80 CTD: 1789.97 MMSCF
 RR: 219.821 MMSCF Tot: 2009.79 MMSCF

Production Cums
 Oil: 0 MSTB
 Gas: 1789.97 MMSCF
 Water: 0 MSTB
 Cond: 0 MSTB



Cal Day Oil - Bbl/d
 Cum: 0 MSTB

Cal Day Gas - mcf/d
 Cum: 1789.97 MMSCF

B2A PC flowstream - mcf/d
 versus time

Qi: 100 mcf/d, Aug. 2002
 Qf: 10.0057 mcf/d, Dec. 2029
 Di(Exponential): 80
 RR: 219.821 MMSCF
 EUR: 2009.79 MMSCF

Corr coeff: N/A

Cal Day Water - Bbl/d
 Cum: 0 MSTB

Cum Gas - MMSCF
 Cum: 0

**Well: JICARILLA B - 2A
Mesaverde Forecast**

Date	WI	Cal Day Gas1	mcf/d	Aug-Dec
2002			173	
2003			134	
2004			103	
2005			84	
2006			71	
2007			62	
2008			55	
2009			50	
2010			46	
2011			42	
2012			39	
2013			37	
2014			34	
2015			32	
2016			31	
2017			29	
2018			28	
2019			26	
2020			25	
2021			24	
2022			23	
2023			22	
2024			22	
2025			21	
2026			20	
2027			20	
2028			19	
2029			18	
2030			18	
2031			17	
2032			17	
2033			17	
2034			16	
2035			16	
2036			16	

**Well: JICARILLA B - 2A
PC Forecast**

Date	WI	Cal Day Gas1	mcf/d	Aug-Dec
2002			71.9	
2003			48.0	
2004			43.9	
2005			40.1	
2006			36.9	
2007			34.0	
2008			30.8	
2009			28.4	
2010			26.1	
2011			23.8	
2012			21.9	
2013			20.2	
2014			19.3	
2015			18.5	
2016			17.8	
2017			17.1	
2018			16.5	
2019			15.9	
2020			15.3	
2021			14.6	
2022			14.1	
2023			13.6	
2024			13.1	
2025			12.5	
2026			12.1	
2027			11.6	
2028			11.2	
2029			10.7	
2030			10.3	
2031			10.1	
2032			9.9	
2033			9.7	
2034			9.5	
2035			9.3	
2036			9.1	

**Well: JICARILLA B - 2A
MV & PC Forecast**

Date	PC & MV	
	Mcfpd	
2002		244
2003		182
2004		147
2005		124
2006		108
2007		96
2008		86
2009		78
2010		72
2011		66
2012		61
2013		57
2014		54
2015		51
2016		48
2017		46
2018		44
2019		42
2020		41
2021		39
2022		37
2023		36
2024		35
2025		34
2026		32
2027		31
2028		30
2029		29
2030		28
2031		28
2032		27
2033		26
2034		26
2035		25
2036		25

Jicarilla B2A Production Allocation Plot

