

DATE IN 7/25/01	SUSPENSE N/R	ENGINEER DC	LOGGED KN	TYPE DHC
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120656525

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

01 JUL 25 PM 3:18

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
 [DD-Directional Drilling] [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]

2946

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
 ___ NSL ___ NSP ___ DD ___ SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement
X DHC ___ CTB ___ PLC ___ PC ___ OLS ___ OL

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 ___ WFX ___ PMX ___ SWD ___ IPI ___ EOR ___ PPR

Form 3160-S was
 sent to BLM 7-23-01
 Please call me if you
 see something I have
 overlooked.
 Thank you,
 Cherry Hlava

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or X 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] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Cherry Hlava Cherry Hlava Permitting Analyst 07/23/2001
 Print or Type Name Signature 281-366-4081 Title Date

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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06610	² Pool Code 72319	³ Pool Name Blanco Mesaverde
⁴ Property Code 000735	⁵ Property Name Jicarilla Apache 102	⁶ Well Number 11
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 6874'

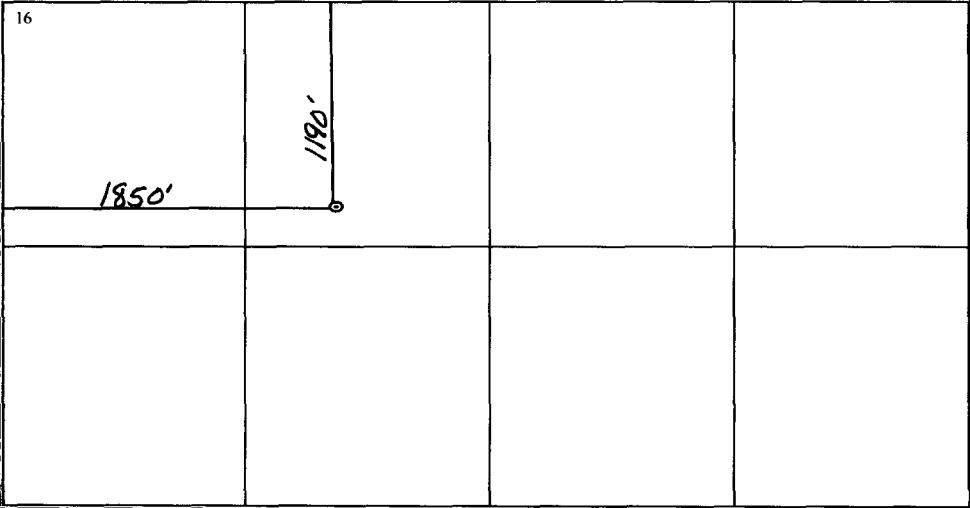
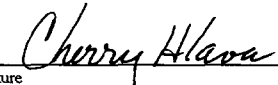
¹⁰ Surface Location

UL or lot no. Unit C	Section 10	Township 26N	Range 04W	Lot Idn	Feet from the 1190'	North/South line North	Feet from the 1850'	East/West line West	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 Ac.	¹³ Joint or Infill	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cherry Hlava Printed Name Regulatory Analyst Title 07/23/2001 Date

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

District II

811 South First, Artesia, NM 88210

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1000 Rio Brazos Rd., Aztec, NM 87410

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2040 South Pacheco, Santa Fe, NM 87505

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

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☐ AMENDED REPORT

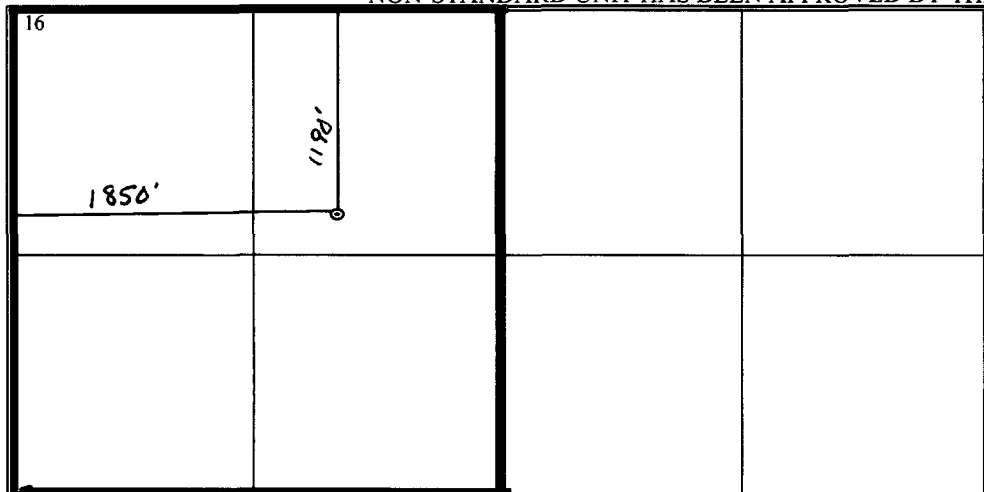
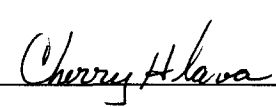
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-06610	² Pool Code 72920	³ Pool Name BS Mesa Gallup
⁴ Property Code 000735	⁵ Property Name Jicarilla Apache 102	⁶ Well Number 11
⁷ OGRID No. 000778	⁸ Operator Name Amoco Production Company	⁹ Elevation 6874'

¹⁰ Surface Location									
UL or lot no. Unit C	Section 10	Township 26N	Range 04W	Lot Idn	Feet from the 1190'	North/South line North	Feet from the 1850'	East/West line West	County Rio Arriba

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	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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Cherry Hlava Printed Name Permitting Analyst Title 07/23/2001 Date	
				¹⁸ SURVEYOR CERTIFICATION <i>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.</i> 03/23/1963 Date of Survey Signature and Seal of Professional Surveyor: E.V. Echuhawk 3602 Certificate Number	

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 30-039-06610		² Pool Code 71599		³ Pool Name Basin Dakota	
⁴ Property Code 000735		⁵ Property Name Jicarilla Apache 102			⁶ Well Number 11
⁷ OGRID No. 000778		⁸ Operator Name Amoco Production Company			⁹ Elevation 7010'

¹⁰ Surface Location

UL or lot no. Unit C	Section 10	Township 26N	Range 04W	Lot Idn	Feet from the 1190'	North/South line North	Feet from the 1850'	East/West line West	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		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 Printed Name Cherry Hlava Title Permitting Analyst Date 07/23/2001			
	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. 03/23/1963 Date of Survey Signature and Seal of Professional Surveyor: E.V. Echuhawk 3602 Certificate Number			

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

2000

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

Pools
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,

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

☒ Single Well
☐ Establish Pre-Approved

EXISTING WELLBORE

☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P. O. Box 3092 Houston, TX 77253

Operator Address
Jicarilla Apache 102 11 Unit C Section 10 T26N, R04W Rio Arriba
Lease Well No. Unit Letter-Section-Township-Range County
OGRID No. 000778 Property Code 000735 API No. 30-039-06610 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Blanco Mesaverde	BS Mesa Gallup	Basin Dakota
Pool Code	72319	72920	71599
Top & Bottom of Pay Section (Perforated or Open-Hole Interval)	5268' - 5880'	7291' - 7301'	7780' - 7976'
Method of Production (Flowing or Artificial Lift)	New	Artificial Lift	Artificial Lift
Bottomhole Pressure			
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	New Zone	Producing	Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: Rates:	Date: Rates:	Date: Rates:
Fixed Allocation Percentage	Oil Gas % %	Oil Gas % %	Oil Gas % %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled 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 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: _____

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:

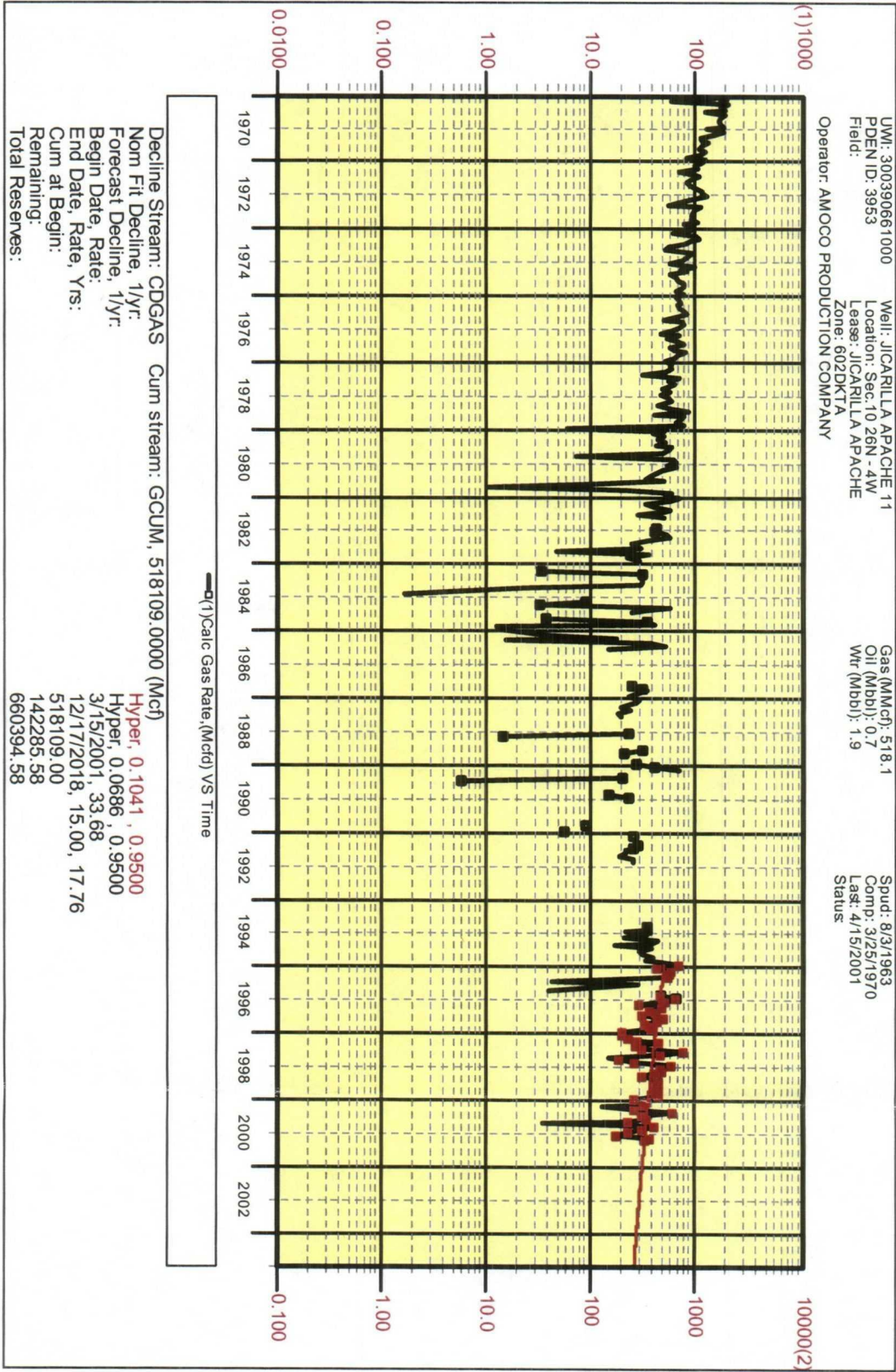
- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Cherry Hlava TITLE Permitting Analyst DATE 07/23/2001
TYPE OR PRINT NAME Cherry Hlava TELEPHONE NO. (281) 366-4081

JICARILLA APACHE 102 WELL 11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	8/1/2001	33	0.167
3953	300390661000	9/1/2001	33	0.166
3953	300390661000	10/1/2001	32	0.165
3953	300390661000	11/1/2001	32	0.164
3953	300390661000	12/1/2001	32	0.163
3953	300390661000	1/1/2002	32	0.162
3953	300390661000	2/1/2002	32	0.161
3953	300390661000	3/1/2002	32	0.160
3953	300390661000	4/1/2002	31	0.160
3953	300390661000	5/1/2002	31	0.159
3953	300390661000	6/1/2002	31	0.158
3953	300390661000	7/1/2002	31	0.157
3953	300390661000	8/1/2002	31	0.156
3953	300390661000	9/1/2002	31	0.155
3953	300390661000	10/1/2002	30	0.155
3953	300390661000	11/1/2002	30	0.154
3953	300390661000	12/1/2002	30	0.153
3953	300390661000	1/1/2003	30	0.152
3953	300390661000	2/1/2003	30	0.151
3953	300390661000	3/1/2003	30	0.151
3953	300390661000	4/1/2003	30	0.150
3953	300390661000	5/1/2003	29	0.149
3953	300390661000	6/1/2003	29	0.148
3953	300390661000	7/1/2003	29	0.148
3953	300390661000	8/1/2003	29	0.147
3953	300390661000	9/1/2003	29	0.146
3953	300390661000	10/1/2003	29	0.146
3953	300390661000	11/1/2003	29	0.145
3953	300390661000	12/1/2003	28	0.144
3953	300390661000	1/1/2004	28	0.143
3953	300390661000	2/1/2004	28	0.143
3953	300390661000	3/1/2004	28	0.143
3953	300390661000	4/1/2004	28	0.142
3953	300390661000	5/1/2004	28	0.141
3953	300390661000	6/1/2004	28	0.141
3953	300390661000	7/1/2004	27	0.139
3953	300390661000	8/1/2004	27	0.139
3953	300390661000	9/1/2004	27	0.138
3953	300390661000	10/1/2004	27	0.137

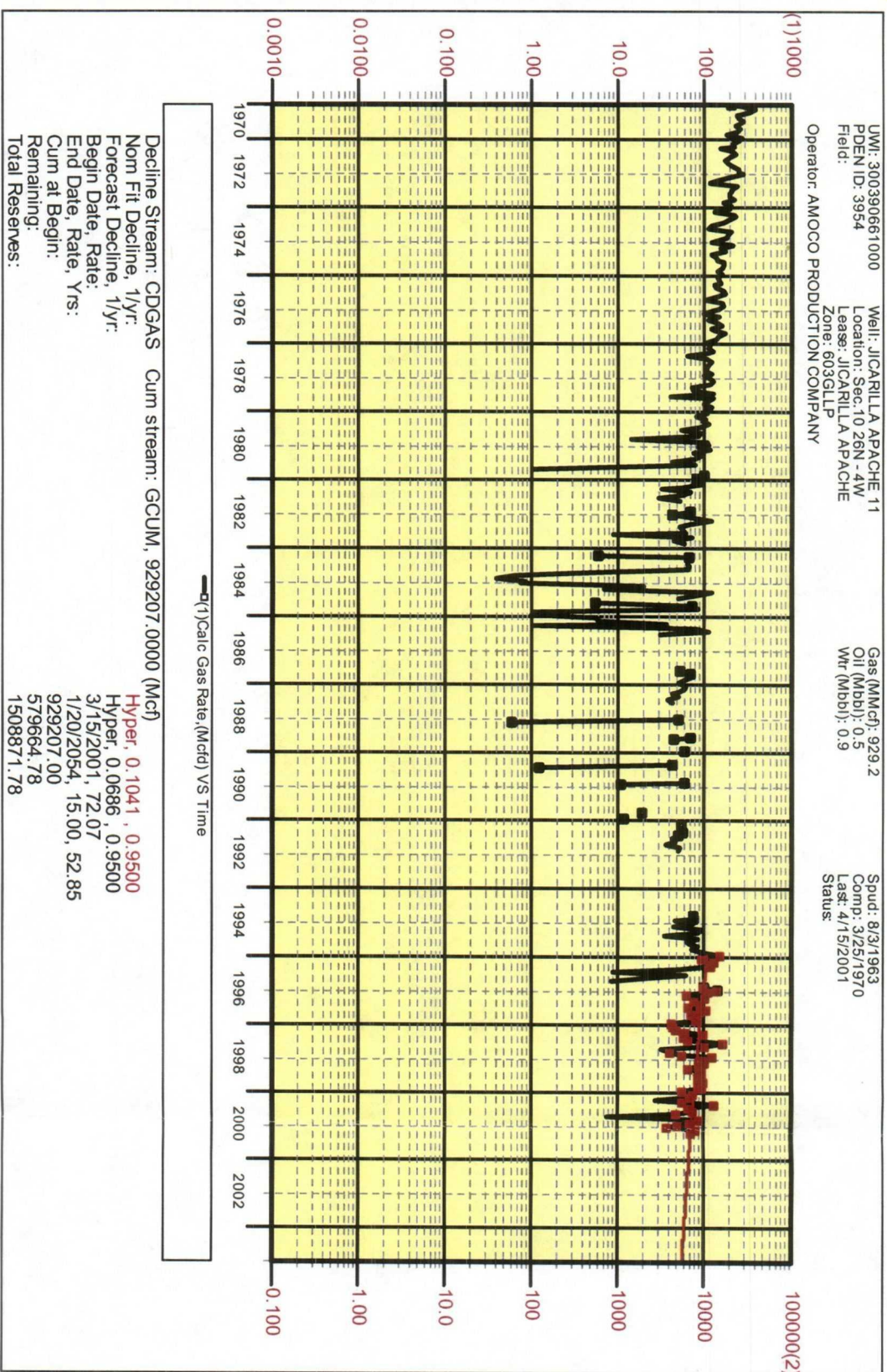


JICARILLA APACHE 102 WELL 11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	11/1/2004	27	0.137
3953	300390661000	12/1/2004	27	0.136
3953	300390661000	1/1/2005	27	0.136
3953	300390661000	2/1/2005	27	0.135
3953	300390661000	3/1/2005	26	0.134
3953	300390661000	4/1/2005	26	0.134
3953	300390661000	5/1/2005	26	0.133
3953	300390661000	6/1/2005	26	0.133
3953	300390661000	7/1/2005	26	0.132
3953	300390661000	8/1/2005	26	0.131
3953	300390661000	9/1/2005	26	0.131
3953	300390661000	10/1/2005	26	0.130
3953	300390661000	11/1/2005	26	0.130
3953	300390661000	12/1/2005	25	0.129
3953	300390661000	1/1/2006	25	0.128
3953	300390661000	2/1/2006	25	0.128
3953	300390661000	3/1/2006	25	0.127
3953	300390661000	4/1/2006	25	0.127
3953	300390661000	5/1/2006	25	0.126
3953	300390661000	6/1/2006	25	0.126
3953	300390661000	7/1/2006	25	0.125
3953	300390661000	8/1/2006	25	0.125
3953	300390661000	9/1/2006	24	0.124
3953	300390661000	10/1/2006	24	0.124
3953	300390661000	11/1/2006	24	0.123
3953	300390661000	12/1/2006	24	0.123
3953	300390661000	1/1/2007	24	0.122
3953	300390661000	2/1/2007	24	0.122
3953	300390661000	3/1/2007	24	0.121
3953	300390661000	4/1/2007	24	0.121
3953	300390661000	5/1/2007	24	0.120
3953	300390661000	6/1/2007	24	0.120
3953	300390661000	7/1/2007	23	0.119
3953	300390661000	8/1/2007	23	0.119
3953	300390661000	9/1/2007	23	0.118
3953	300390661000	10/1/2007	23	0.118
3953	300390661000	11/1/2007	23	0.117
3953	300390661000	12/1/2007	23	0.117
3953	300390661000	1/1/2008	23	0.116
3953	300390661000	2/1/2008	23	0.116

JICARILLA APACHE 102 WELL 11
Future Production Decline for BS Mesa Gallup

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	8/1/2001	70	0.833
3954	300390661000	9/1/2001	70	0.829
3954	300390661000	10/1/2001	69	0.824
3954	300390661000	11/1/2001	69	0.819
3954	300390661000	12/1/2001	69	0.815
3954	300390661000	1/1/2002	68	0.811
3954	300390661000	2/1/2002	68	0.806
3954	300390661000	3/1/2002	68	0.802
3954	300390661000	4/1/2002	67	0.798
3954	300390661000	5/1/2002	67	0.794
3954	300390661000	6/1/2002	67	0.789
3954	300390661000	7/1/2002	66	0.785
3954	300390661000	8/1/2002	66	0.781
3954	300390661000	9/1/2002	65	0.777
3954	300390661000	10/1/2002	65	0.773
3954	300390661000	11/1/2002	65	0.769
3954	300390661000	12/1/2002	64	0.765
3954	300390661000	1/1/2003	64	0.761
3954	300390661000	2/1/2003	64	0.757
3954	300390661000	3/1/2003	64	0.753
3954	300390661000	4/1/2003	63	0.750
3954	300390661000	5/1/2003	63	0.746
3954	300390661000	6/1/2003	63	0.742
3954	300390661000	7/1/2003	62	0.738
3954	300390661000	8/1/2003	62	0.735
3954	300390661000	9/1/2003	62	0.731
3954	300390661000	10/1/2003	61	0.728
3954	300390661000	11/1/2003	61	0.724
3954	300390661000	12/1/2003	61	0.720
3954	300390661000	1/1/2004	60	0.717
3954	300390661000	2/1/2004	60	0.713
3954	300390661000	3/1/2004	60	0.710
3954	300390661000	4/1/2004	60	0.707
3954	300390661000	5/1/2004	59	0.703
3954	300390661000	6/1/2004	59	0.700
3954	300390661000	7/1/2004	59	0.697
3954	300390661000	8/1/2004	58	0.693
3954	300390661000	9/1/2004	58	0.690
3954	300390661000	10/1/2004	58	0.687



JICARILLA APACHE 102 WELL 11
Future Production Decline for BS Mesa Gallup

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	11/1/2004	58	0.684
3954	300390661000	12/1/2004	57	0.681
3954	300390661000	1/1/2005	57	0.677
3954	300390661000	2/1/2005	57	0.674
3954	300390661000	3/1/2005	57	0.672
3954	300390661000	4/1/2005	56	0.668
3954	300390661000	5/1/2005	56	0.665
3954	300390661000	6/1/2005	56	0.662
3954	300390661000	7/1/2005	56	0.660
3954	300390661000	8/1/2005	55	0.657
3954	300390661000	9/1/2005	55	0.654
3954	300390661000	10/1/2005	55	0.651
3954	300390661000	11/1/2005	55	0.648
3954	300390661000	12/1/2005	54	0.645
3954	300390661000	1/1/2006	54	0.642
3954	300390661000	2/1/2006	54	0.639
3954	300390661000	3/1/2006	54	0.637
3954	300390661000	4/1/2006	53	0.634
3954	300390661000	5/1/2006	53	0.631
3954	300390661000	6/1/2006	53	0.629
3954	300390661000	7/1/2006	53	0.626
3954	300390661000	8/1/2006	53	0.623
3954	300390661000	9/1/2006	52	0.621
3954	300390661000	10/1/2006	52	0.618
3954	300390661000	11/1/2006	52	0.615
3954	300390661000	12/1/2006	52	0.613
3954	300390661000	1/1/2007	51	0.610
3954	300390661000	2/1/2007	51	0.608
3954	300390661000	3/1/2007	51	0.605
3954	300390661000	4/1/2007	51	0.603
3954	300390661000	5/1/2007	51	0.600
3954	300390661000	6/1/2007	50	0.598
3954	300390661000	7/1/2007	50	0.596
3954	300390661000	8/1/2007	50	0.593
3954	300390661000	9/1/2007	50	0.591
3954	300390661000	10/1/2007	50	0.588
3954	300390661000	11/1/2007	49	0.586
3954	300390661000	12/1/2007	49	0.584
3954	300390661000	1/1/2008	49	0.581
3954	300390661000	2/1/2008	49	0.579

New Mexico Oil Conservation Division---Engineering Bureau
Administrative Application Process Documentation

Date Application Received:

7/25/01

Date of Preliminary Review:

(Note: Must be within 10-days of received date)

7/26/01

Results:

 Application Complete

X

Application Incomplete

Date Incomplete Letter Sent:

7/26/01

Deadline to Submit Requested Information:

8/2/01 / Rec'd 8-3-01

Phone Call Date:

(Note: Only applies if requested data is not submitted within the 7-day deadline)

Phone Log Completed?

 Yes

 No

Date Application Processed:

8/22/01

Date Application Returned:

(Note: Only as a last resort & only after repeated attempts by the Division to obtain the necessary information to process the application)