

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		8. Well Name and No. JIC APACHE 102 11	
2. Name of Operator AMOCO PRODUCTION COMPANY		9. API Well No. 30-039-06610	
3a. Address P.O. BOX 3092 HOUSTON, TX 77253		10. Field and Pool, or Exploratory BLANCO MV/BSMSGAL/BASINDK	
3b. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700		11. County or Parish, and State RIO ARriba COUNTY, NM	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T26N R4W Mer NENW 1190FNL 1850FWL			

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ SUBCOM
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company requests permission to complete the subject well into the Blanco Mesaverde and commingle production downhole with the existing Basin Dakota & BS Mesa Gallup pools as per the attached procedure.

The working, overriding, and royalty interest owners in the proposed commingled pools are identical, therefore, no notification of this application need be submitted via certified mail (return receipt). Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Dakota and the BS Mesa Gallup. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Blanco Mesaverde. Attached is the future production decline estimates for the Dakota & BS Mesa Gallup. Commingling Production Downhole in the subject well from the proposed pools with not reduce the value of the total remaining production.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #5831 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Rio Puerco
Committed to AFMSS for processing by Angie Medina-Jones on 07/24/2001 ()

Name (Printed/Typed) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature

Date 07/23/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>Patricia M. Kester</i>	Land and Mineral Resources	Date <i>8-8-01</i>
★ Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

- Contain fluids in hole
- Submit more samples to be analyzed

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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit C	10	26N	04W		1190'	North	1850'	West	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 320 Ac.	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 <u>Cherry Hlava</u> Printed Name Cherry Hlava Regulatory 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. Date of Survey 07/17/1963 Signature and Seal of Professional Surveyor:			
	F.V. Tchubsky 3602 Certificate Number			

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
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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

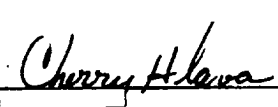
U. L. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit C	10	26N	04W		1190'	North	1850'	West	Rio Arriba

¹¹ Bottom Hole Location If Different From Surface

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

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☐ 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.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit C	10	26N	04W		1190'	North	1850'	West	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

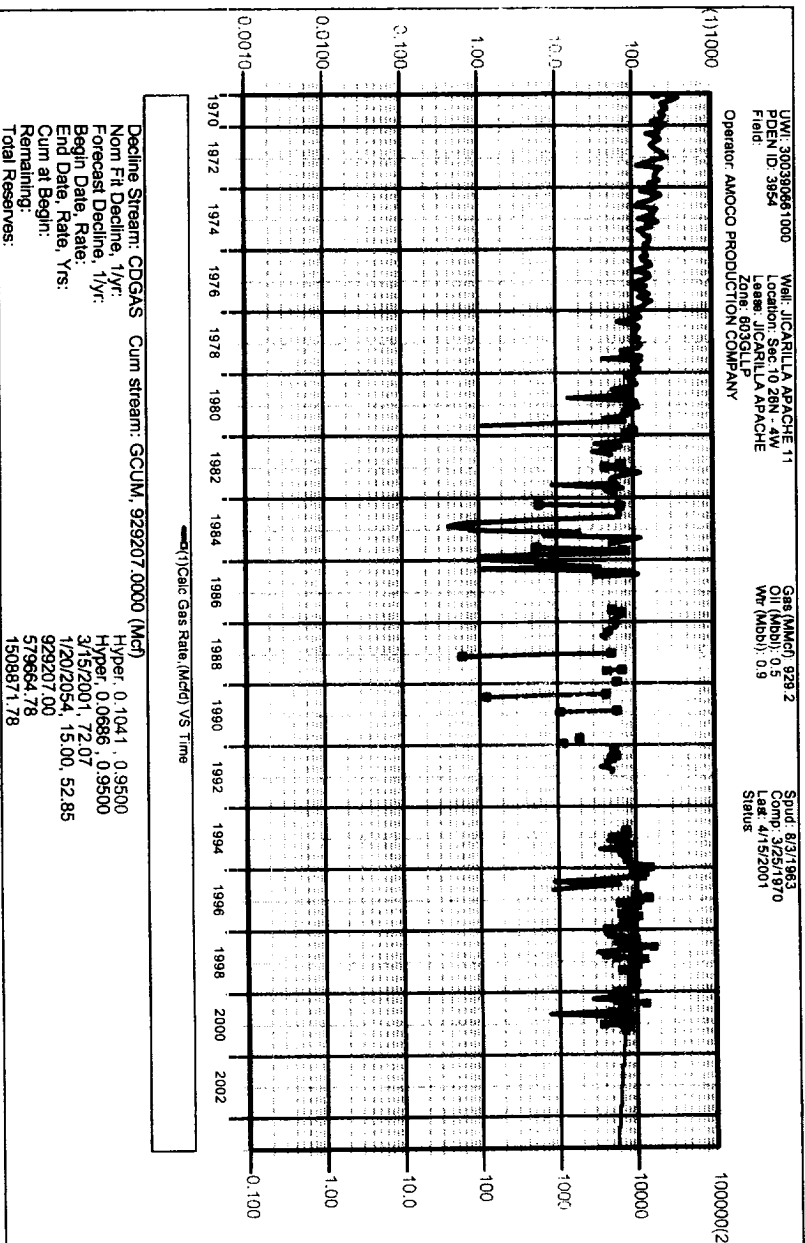
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <u>03/23/1963</u> Signature and Seal of Professional Surveyor:			
	E.V. Echuhawk 3602 Certificate Number			

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	08/01/2001	70	0.833
3954	300390661000	09/01/2001	70	0.829
3954	300390661000	10/01/2001	69	0.824
3954	300390661000	11/01/2001	69	0.819
3954	300390661000	12/01/2001	69	0.815
3954	300390661000	01/01/2002	68	0.811
3954	300390661000	02/01/2002	68	0.806
3954	300390661000	03/01/2002	67	0.802
3954	300390661000	04/01/2002	67	0.798
3954	300390661000	05/01/2002	67	0.794
3954	300390661000	06/01/2002	67	0.792
3954	300390661000	07/01/2002	66	0.785
3954	300390661000	08/01/2002	66	0.781
3954	300390661000	09/01/2002	65	0.777
3954	300390661000	10/01/2002	65	0.773
3954	300390661000	11/01/2002	65	0.769
3954	300390661000	12/01/2002	64	0.765
3954	300390661000	01/01/2003	64	0.761
3954	300390661000	02/01/2003	64	0.757
3954	300390661000	03/01/2003	64	0.753
3954	300390661000	04/01/2003	63	0.750
3954	300390661000	05/01/2003	63	0.746
3954	300390661000	06/01/2003	63	0.742
3954	300390661000	07/01/2003	62	0.738
3954	300390661000	08/01/2003	62	0.735
3954	300390661000	09/01/2003	62	0.731
3954	300390661000	10/01/2003	61	0.728
3954	300390661000	11/01/2003	61	0.724
3954	300390661000	12/01/2003	61	0.720
3954	300390661000	01/01/2004	60	0.717
3954	300390661000	02/01/2004	60	0.713
3954	300390661000	03/01/2004	60	0.710
3954	300390661000	04/01/2004	60	0.707
3954	300390661000	05/01/2004	59	0.703
3954	300390661000	06/01/2004	59	0.700
3954	300390661000	07/01/2004	59	0.697
3954	300390661000	08/01/2004	58	0.693
3954	300390661000	09/01/2004	58	0.690
3954	300390661000	10/01/2004	58	0.687
3954	300390661000	11/01/2004	58	0.684
3954	300390661000	12/01/2004	57	0.681



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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	01/01/2005	57	0.677
3954	300390661000	02/01/2005	57	0.674
3954	300390661000	03/01/2005	57	0.672
3954	300390661000	04/01/2005	56	0.668
3954	300390661000	05/01/2005	56	0.665
3954	300390661000	06/01/2005	56	0.662
3954	300390661000	07/01/2005	56	0.660
3954	300390661000	08/01/2005	55	0.657
3954	300390661000	09/01/2005	55	0.654
3954	300390661000	10/01/2005	55	0.651
3954	300390661000	11/01/2005	55	0.648
3954	300390661000	12/01/2005	54	0.645
3954	300390661000	01/01/2006	54	0.642
3954	300390661000	02/01/2006	54	0.639
3954	300390661000	03/01/2006	54	0.637
3954	300390661000	04/01/2006	53	0.634
3954	300390661000	05/01/2006	53	0.631
3954	300390661000	06/01/2006	53	0.629
3954	300390661000	07/01/2006	53	0.626
3954	300390661000	08/01/2006	52	0.621
3954	300390661000	09/01/2006	52	0.618
3954	300390661000	10/01/2006	52	0.615
3954	300390661000	11/01/2006	52	0.613
3954	300390661000	12/01/2006	51	0.610
3954	300390661000	01/01/2007	51	0.608
3954	300390661000	02/01/2007	51	0.605
3954	300390661000	03/01/2007	51	0.603
3954	300390661000	04/01/2007	51	0.600
3954	300390661000	05/01/2007	50	0.598
3954	300390661000	06/01/2007	50	0.596
3954	300390661000	07/01/2007	50	0.593
3954	300390661000	08/01/2007	50	0.591
3954	300390661000	09/01/2007	50	0.588
3954	300390661000	10/01/2007	49	0.586
3954	300390661000	11/01/2007	49	0.584
3954	300390661000	12/01/2007	49	0.581
3954	300390661000	01/01/2008	49	0.579
3954	300390661000	02/01/2008	49	0.577
3954	300390661000	03/01/2008	48	0.575
3954	300390661000	04/01/2008	48	0.572
3954	300390661000	05/01/2008	48	0.572

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	06/01/2008	48	0.570
3954	300390661000	07/01/2008	48	0.568
3954	300390661000	08/01/2008	48	0.566
3954	300390661000	09/01/2008	47	0.563
3954	300390661000	10/01/2008	47	0.561
3954	300390661000	11/01/2008	47	0.559
3954	300390661000	12/01/2008	47	0.557
3954	300390661000	01/01/2009	47	0.555
3954	300390661000	02/01/2009	47	0.553
3954	300390661000	03/01/2009	46	0.551
3954	300390661000	04/01/2009	46	0.549
3954	300390661000	05/01/2009	46	0.547
3954	300390661000	06/01/2009	46	0.545
3954	300390661000	07/01/2009	46	0.543
3954	300390661000	08/01/2009	45	0.541
3954	300390661000	09/01/2009	45	0.539
3954	300390661000	10/01/2009	45	0.537
3954	300390661000	11/01/2009	45	0.535
3954	300390661000	12/01/2009	45	0.533
3954	300390661000	01/01/2010	45	0.531
3954	300390661000	02/01/2010	44	0.529
3954	300390661000	03/01/2010	44	0.527
3954	300390661000	04/01/2010	44	0.525
3954	300390661000	05/01/2010	44	0.523
3954	300390661000	06/01/2010	44	0.521
3954	300390661000	07/01/2010	44	0.520
3954	300390661000	08/01/2010	44	0.518
3954	300390661000	09/01/2010	43	0.516
3954	300390661000	10/01/2010	43	0.514
3954	300390661000	11/01/2010	43	0.512
3954	300390661000	12/01/2010	43	0.510
3954	300390661000	01/01/2011	43	0.509
3954	300390661000	02/01/2011	43	0.507
3954	300390661000	03/01/2011	43	0.505
3954	300390661000	04/01/2011	42	0.503
3954	300390661000	05/01/2011	42	0.502
3954	300390661000	06/01/2011	42	0.500
3954	300390661000	07/01/2011	42	0.498
3954	300390661000	08/01/2011	42	0.497
3954	300390661000	09/01/2011	42	0.495
3954	300390661000	10/01/2011	42	0.493

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	11/01/2011	41	0.491
3954	300390661000	12/01/2011	41	0.490
3954	300390661000	01/01/2012	41	0.488
3954	300390661000	02/01/2012	41	0.486
3954	300390661000	03/01/2012	41	0.485
3954	300390661000	04/01/2012	41	0.483
3954	300390661000	05/01/2012	41	0.482
3954	300390661000	06/01/2012	40	0.480
3954	300390661000	07/01/2012	40	0.479
3954	300390661000	08/01/2012	40	0.477
3954	300390661000	09/01/2012	40	0.475
3954	300390661000	10/01/2012	40	0.474
3954	300390661000	11/01/2012	40	0.472
3954	300390661000	12/01/2012	40	0.471
3954	300390661000	01/01/2013	40	0.469
3954	300390661000	02/01/2013	39	0.468
3954	300390661000	03/01/2013	39	0.466
3954	300390661000	04/01/2013	39	0.465
3954	300390661000	05/01/2013	39	0.463
3954	300390661000	06/01/2013	39	0.462
3954	300390661000	07/01/2013	39	0.460
3954	300390661000	08/01/2013	39	0.459
3954	300390661000	09/01/2013	39	0.457
3954	300390661000	10/01/2013	38	0.456
3954	300390661000	11/01/2013	38	0.455
3954	300390661000	12/01/2013	38	0.453
3954	300390661000	01/01/2014	38	0.452
3954	300390661000	02/01/2014	38	0.450
3954	300390661000	03/01/2014	38	0.449
3954	300390661000	04/01/2014	38	0.448
3954	300390661000	05/01/2014	38	0.446
3954	300390661000	06/01/2014	37	0.445
3954	300390661000	07/01/2014	37	0.443
3954	300390661000	08/01/2014	37	0.442
3954	300390661000	09/01/2014	37	0.441
3954	300390661000	10/01/2014	37	0.439
3954	300390661000	11/01/2014	37	0.438
3954	300390661000	12/01/2014	37	0.437
3954	300390661000	01/01/2015	37	0.435
3954	300390661000	02/01/2015	37	0.434
3954	300390661000	03/01/2015	36	0.433

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	04/01/2015	36	0.432
3954	300390661000	05/01/2015	36	0.430
3954	300390661000	06/01/2015	36	0.429
3954	300390661000	07/01/2015	36	0.428
3954	300390661000	08/01/2015	36	0.426
3954	300390661000	09/01/2015	36	0.425
3954	300390661000	10/01/2015	36	0.424
3954	300390661000	11/01/2015	36	0.423
3954	300390661000	12/01/2015	36	0.421
3954	300390661000	01/01/2016	35	0.420
3954	300390661000	02/01/2016	35	0.419
3954	300390661000	03/01/2016	35	0.418
3954	300390661000	04/01/2016	35	0.417
3954	300390661000	05/01/2016	35	0.415
3954	300390661000	06/01/2016	35	0.414
3954	300390661000	07/01/2016	35	0.413
3954	300390661000	08/01/2016	35	0.412
3954	300390661000	09/01/2016	35	0.411
3954	300390661000	10/01/2016	35	0.410
3954	300390661000	11/01/2016	34	0.408
3954	300390661000	12/01/2016	34	0.407
3954	300390661000	01/01/2017	34	0.406
3954	300390661000	02/01/2017	34	0.405
3954	300390661000	03/01/2017	34	0.404
3954	300390661000	04/01/2017	34	0.403
3954	300390661000	05/01/2017	34	0.402
3954	300390661000	06/01/2017	34	0.400
3954	300390661000	07/01/2017	34	0.399
3954	300390661000	08/01/2017	34	0.398
3954	300390661000	09/01/2017	33	0.397
3954	300390661000	10/01/2017	33	0.396
3954	300390661000	11/01/2017	33	0.395
3954	300390661000	12/01/2017	33	0.394
3954	300390661000	01/01/2018	33	0.393
3954	300390661000	02/01/2018	33	0.392
3954	300390661000	03/01/2018	33	0.391
3954	300390661000	04/01/2018	33	0.390
3954	300390661000	05/01/2018	33	0.389
3954	300390661000	06/01/2018	33	0.387
3954	300390661000	07/01/2018	33	0.386
3954	300390661000	08/01/2018	32	0.385

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	09/01/2018	32	0.384
3954	300390661000	10/01/2018	32	0.383
3954	300390661000	11/01/2018	32	0.382
3954	300390661000	12/01/2018	32	0.381
3954	300390661000	01/01/2019	32	0.380
3954	300390661000	02/01/2019	32	0.379
3954	300390661000	03/01/2019	32	0.378
3954	300390661000	04/01/2019	32	0.377
3954	300390661000	05/01/2019	32	0.376
3954	300390661000	06/01/2019	32	0.375
3954	300390661000	07/01/2019	32	0.374
3954	300390661000	08/01/2019	31	0.373
3954	300390661000	09/01/2019	31	0.372
3954	300390661000	10/01/2019	31	0.371
3954	300390661000	11/01/2019	31	0.370
3954	300390661000	12/01/2019	31	0.370
3954	300390661000	01/01/2020	31	0.369
3954	300390661000	02/01/2020	31	0.368
3954	300390661000	03/01/2020	31	0.367
3954	300390661000	04/01/2020	31	0.366
3954	300390661000	05/01/2020	31	0.365
3954	300390661000	06/01/2020	31	0.364
3954	300390661000	07/01/2020	31	0.363
3954	300390661000	08/01/2020	31	0.362
3954	300390661000	09/01/2020	30	0.361
3954	300390661000	10/01/2020	30	0.360
3954	300390661000	11/01/2020	30	0.359
3954	300390661000	12/01/2020	30	0.358
3954	300390661000	01/01/2021	30	0.358
3954	300390661000	02/01/2021	30	0.357
3954	300390661000	03/01/2021	30	0.356
3954	300390661000	04/01/2021	30	0.355
3954	300390661000	05/01/2021	30	0.354
3954	300390661000	06/01/2021	30	0.353
3954	300390661000	07/01/2021	30	0.352
3954	300390661000	08/01/2021	30	0.351
3954	300390661000	09/01/2021	30	0.351
3954	300390661000	10/01/2021	29	0.350
3954	300390661000	11/01/2021	29	0.349
3954	300390661000	12/01/2021	29	0.348
3954	300390661000	01/01/2022	29	0.347

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	02/01/2022	29	0.346
3954	300390661000	03/01/2022	29	0.346
3954	300390661000	04/01/2022	29	0.345
3954	300390661000	05/01/2022	29	0.344
3954	300390661000	06/01/2022	29	0.343
3954	300390661000	07/01/2022	29	0.342
3954	300390661000	08/01/2022	29	0.341
3954	300390661000	09/01/2022	29	0.340
3954	300390661000	10/01/2022	29	0.339
3954	300390661000	11/01/2022	29	0.338
3954	300390661000	12/01/2022	29	0.338
3954	300390661000	01/01/2023	28	0.337
3954	300390661000	02/01/2023	28	0.337
3954	300390661000	03/01/2023	28	0.336
3954	300390661000	04/01/2023	28	0.335
3954	300390661000	05/01/2023	28	0.334
3954	300390661000	06/01/2023	28	0.333
3954	300390661000	07/01/2023	28	0.333
3954	300390661000	08/01/2023	28	0.332
3954	300390661000	09/01/2023	28	0.331
3954	300390661000	10/01/2023	28	0.330
3954	300390661000	11/01/2023	28	0.330
3954	300390661000	12/01/2023	28	0.329
3954	300390661000	01/01/2024	28	0.328
3954	300390661000	02/01/2024	28	0.327
3954	300390661000	03/01/2024	28	0.327
3954	300390661000	04/01/2024	27	0.326
3954	300390661000	05/01/2024	27	0.325
3954	300390661000	06/01/2024	27	0.324
3954	300390661000	07/01/2024	27	0.324
3954	300390661000	08/01/2024	27	0.323
3954	300390661000	09/01/2024	27	0.322
3954	300390661000	10/01/2024	27	0.321
3954	300390661000	11/01/2024	27	0.321
3954	300390661000	12/01/2024	27	0.320
3954	300390661000	01/01/2025	27	0.319
3954	300390661000	02/01/2025	27	0.318
3954	300390661000	03/01/2025	27	0.318
3954	300390661000	04/01/2025	27	0.317
3954	300390661000	05/01/2025	27	0.316
3954	300390661000	06/01/2025	27	0.316

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PDEN UWI	DATE	Gas	Condensate
3954 300390661000	07/01/2025	27	0.315
3954 300390661000	08/01/2025	26	0.314
3954 300390661000	09/01/2025	26	0.314
3954 300390661000	10/01/2025	26	0.313
3954 300390661000	11/01/2025	26	0.312
3954 300390661000	12/01/2025	26	0.312
3954 300390661000	01/01/2026	26	0.311
3954 300390661000	02/01/2026	26	0.310
3954 300390661000	03/01/2026	26	0.310
3954 300390661000	04/01/2026	26	0.309
3954 300390661000	05/01/2026	26	0.308
3954 300390661000	06/01/2026	26	0.308
3954 300390661000	07/01/2026	26	0.307
3954 300390661000	08/01/2026	26	0.306
3954 300390661000	09/01/2026	26	0.306
3954 300390661000	10/01/2026	26	0.305
3954 300390661000	11/01/2026	26	0.304
3954 300390661000	12/01/2026	26	0.304
3954 300390661000	01/01/2027	26	0.303
3954 300390661000	02/01/2027	25	0.302
3954 300390661000	03/01/2027	25	0.302
3954 300390661000	04/01/2027	25	0.301
3954 300390661000	05/01/2027	25	0.300
3954 300390661000	06/01/2027	25	0.300
3954 300390661000	07/01/2027	25	0.299
3954 300390661000	08/01/2027	25	0.298
3954 300390661000	09/01/2027	25	0.298
3954 300390661000	10/01/2027	25	0.297
3954 300390661000	11/01/2027	25	0.297
3954 300390661000	12/01/2027	25	0.296
3954 300390661000	01/01/2028	25	0.295
3954 300390661000	02/01/2028	25	0.295
3954 300390661000	03/01/2028	25	0.294
3954 300390661000	04/01/2028	25	0.294
3954 300390661000	05/01/2028	25	0.293
3954 300390661000	06/01/2028	25	0.292
3954 300390661000	07/01/2028	25	0.292
3954 300390661000	08/01/2028	25	0.291
3954 300390661000	09/01/2028	24	0.290
3954 300390661000	10/01/2028	24	0.290
3954 300390661000	11/01/2028	24	0.289

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Future Production Decline for BS Mesa Gallup

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	12/01/2028	24	0.289
3954	300390661000	01/01/2029	24	0.288
3954	300390661000	02/01/2029	24	0.288
3954	300390661000	03/01/2029	24	0.287
3954	300390661000	04/01/2029	24	0.286
3954	300390661000	05/01/2029	24	0.286
3954	300390661000	06/01/2029	24	0.285
3954	300390661000	07/01/2029	24	0.285
3954	300390661000	08/01/2029	24	0.284
3954	300390661000	09/01/2029	24	0.284
3954	300390661000	10/01/2029	24	0.283
3954	300390661000	11/01/2029	24	0.282
3954	300390661000	12/01/2029	24	0.282
3954	300390661000	01/01/2030	24	0.281
3954	300390661000	02/01/2030	24	0.281
3954	300390661000	03/01/2030	24	0.280
3954	300390661000	04/01/2030	24	0.280
3954	300390661000	05/01/2030	24	0.279
3954	300390661000	06/01/2030	23	0.279
3954	300390661000	07/01/2030	23	0.278
3954	300390661000	08/01/2030	23	0.277
3954	300390661000	09/01/2030	23	0.277
3954	300390661000	10/01/2030	23	0.276
3954	300390661000	11/01/2030	23	0.276
3954	300390661000	12/01/2030	23	0.275
3954	300390661000	01/01/2031	23	0.275
3954	300390661000	02/01/2031	23	0.274
3954	300390661000	03/01/2031	23	0.274
3954	300390661000	04/01/2031	23	0.273
3954	300390661000	05/01/2031	23	0.273
3954	300390661000	06/01/2031	23	0.272
3954	300390661000	07/01/2031	23	0.272
3954	300390661000	08/01/2031	23	0.271
3954	300390661000	09/01/2031	23	0.271
3954	300390661000	10/01/2031	23	0.270
3954	300390661000	11/01/2031	23	0.269
3954	300390661000	12/01/2031	23	0.269
3954	300390661000	01/01/2032	23	0.268
3954	300390661000	02/01/2032	23	0.268
3954	300390661000	03/01/2032	23	0.267
3954	300390661000	04/01/2032	23	0.267

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	05/01/2032	22	0.266
3954	300390661000	06/01/2032	22	0.266
3954	300390661000	07/01/2032	22	0.265
3954	300390661000	08/01/2032	22	0.265
3954	300390661000	09/01/2032	22	0.264
3954	300390661000	10/01/2032	22	0.264
3954	300390661000	11/01/2032	22	0.263
3954	300390661000	12/01/2032	22	0.263
3954	300390661000	01/01/2033	22	0.262
3954	300390661000	02/01/2033	22	0.262
3954	300390661000	03/01/2033	22	0.262
3954	300390661000	04/01/2033	22	0.261
3954	300390661000	05/01/2033	22	0.261
3954	300390661000	06/01/2033	22	0.260
3954	300390661000	07/01/2033	22	0.260
3954	300390661000	08/01/2033	22	0.259
3954	300390661000	09/01/2033	22	0.259
3954	300390661000	10/01/2033	22	0.258
3954	300390661000	11/01/2033	22	0.258
3954	300390661000	12/01/2033	22	0.257
3954	300390661000	01/01/2034	22	0.257
3954	300390661000	02/01/2034	22	0.256
3954	300390661000	03/01/2034	22	0.256
3954	300390661000	04/01/2034	22	0.255
3954	300390661000	05/01/2034	21	0.255
3954	300390661000	06/01/2034	21	0.254
3954	300390661000	07/01/2034	21	0.254
3954	300390661000	08/01/2034	21	0.254
3954	300390661000	09/01/2034	21	0.253
3954	300390661000	10/01/2034	21	0.253
3954	300390661000	11/01/2034	21	0.252
3954	300390661000	12/01/2034	21	0.252
3954	300390661000	01/01/2035	21	0.251
3954	300390661000	02/01/2035	21	0.251
3954	300390661000	03/01/2035	21	0.250
3954	300390661000	04/01/2035	21	0.250
3954	300390661000	05/01/2035	21	0.249
3954	300390661000	06/01/2035	21	0.249
3954	300390661000	07/01/2035	21	0.248
3954	300390661000	08/01/2035	21	0.248
3954	300390661000	09/01/2035	21	0.248

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	10/01/2035	21	0.247
3954	300390661000	11/01/2035	21	0.247
3954	300390661000	12/01/2035	21	0.246
3954	300390661000	01/01/2036	21	0.246
3954	300390661000	02/01/2036	21	0.246
3954	300390661000	03/01/2036	21	0.245
3954	300390661000	04/01/2036	21	0.245
3954	300390661000	05/01/2036	21	0.244
3954	300390661000	06/01/2036	21	0.244
3954	300390661000	07/01/2036	21	0.243
3954	300390661000	08/01/2036	20	0.243
3954	300390661000	09/01/2036	20	0.243
3954	300390661000	10/01/2036	20	0.242
3954	300390661000	11/01/2036	20	0.241
3954	300390661000	12/01/2036	20	0.241
3954	300390661000	01/01/2037	20	0.240
3954	300390661000	02/01/2037	20	0.240
3954	300390661000	03/01/2037	20	0.239
3954	300390661000	04/01/2037	20	0.239
3954	300390661000	05/01/2037	20	0.238
3954	300390661000	06/01/2037	20	0.238
3954	300390661000	07/01/2037	20	0.238
3954	300390661000	08/01/2037	20	0.237
3954	300390661000	09/01/2037	20	0.237
3954	300390661000	10/01/2037	20	0.236
3954	300390661000	11/01/2037	20	0.236
3954	300390661000	12/01/2037	20	0.236
3954	300390661000	01/01/2038	20	0.235
3954	300390661000	02/01/2038	20	0.235
3954	300390661000	03/01/2038	20	0.234
3954	300390661000	04/01/2038	20	0.234
3954	300390661000	05/01/2038	20	0.234
3954	300390661000	06/01/2038	20	0.234
3954	300390661000	07/01/2038	20	0.233
3954	300390661000	08/01/2038	20	0.233
3954	300390661000	09/01/2038	20	0.232
3954	300390661000	10/01/2038	20	0.232
3954	300390661000	11/01/2038	20	0.231
3954	300390661000	12/01/2038	20	0.231
3954	300390661000	01/01/2039	19	0.231
3954	300390661000	02/01/2039	19	0.231

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	03/01/2039	19	0.231
3954	300390661000	04/01/2039	19	0.230
3954	300390661000	05/01/2039	19	0.230
3954	300390661000	06/01/2039	19	0.230
3954	300390661000	07/01/2039	19	0.229
3954	300390661000	08/01/2039	19	0.229
3954	300390661000	09/01/2039	19	0.228
3954	300390661000	10/01/2039	19	0.228
3954	300390661000	11/01/2039	19	0.228
3954	300390661000	12/01/2039	19	0.227
3954	300390661000	01/01/2040	19	0.227
3954	300390661000	02/01/2040	19	0.227
3954	300390661000	03/01/2040	19	0.226
3954	300390661000	04/01/2040	19	0.226
3954	300390661000	05/01/2040	19	0.225
3954	300390661000	06/01/2040	19	0.225
3954	300390661000	07/01/2040	19	0.225
3954	300390661000	08/01/2040	19	0.224
3954	300390661000	09/01/2040	19	0.224
3954	300390661000	10/01/2040	19	0.224
3954	300390661000	11/01/2040	19	0.223
3954	300390661000	12/01/2040	19	0.223
3954	300390661000	01/01/2041	19	0.223
3954	300390661000	02/01/2041	19	0.222
3954	300390661000	03/01/2041	19	0.222
3954	300390661000	04/01/2041	19	0.222
3954	300390661000	05/01/2041	19	0.221
3954	300390661000	06/01/2041	19	0.221
3954	300390661000	07/01/2041	19	0.220
3954	300390661000	08/01/2041	19	0.220
3954	300390661000	09/01/2041	19	0.220
3954	300390661000	10/01/2041	18	0.219
3954	300390661000	11/01/2041	18	0.219
3954	300390661000	12/01/2041	18	0.219
3954	300390661000	01/01/2042	18	0.218
3954	300390661000	02/01/2042	18	0.218
3954	300390661000	03/01/2042	18	0.218
3954	300390661000	04/01/2042	18	0.217
3954	300390661000	05/01/2042	18	0.217
3954	300390661000	06/01/2042	18	0.217
3954	300390661000	07/01/2042	18	0.216

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	08/01/2042	18	0.216
3954	300390661000	09/01/2042	18	0.216
3954	300390661000	10/01/2042	18	0.215
3954	300390661000	11/01/2042	18	0.215
3954	300390661000	12/01/2042	18	0.215
3954	300390661000	01/01/2043	18	0.214
3954	300390661000	02/01/2043	18	0.214
3954	300390661000	03/01/2043	18	0.214
3954	300390661000	04/01/2043	18	0.213
3954	300390661000	05/01/2043	18	0.213
3954	300390661000	06/01/2043	18	0.213
3954	300390661000	07/01/2043	18	0.212
3954	300390661000	08/01/2043	18	0.212
3954	300390661000	09/01/2043	18	0.212
3954	300390661000	10/01/2043	18	0.211
3954	300390661000	11/01/2043	18	0.211
3954	300390661000	12/01/2043	18	0.211
3954	300390661000	01/01/2044	18	0.210
3954	300390661000	02/01/2044	18	0.210
3954	300390661000	03/01/2044	18	0.210
3954	300390661000	04/01/2044	18	0.210
3954	300390661000	05/01/2044	18	0.209
3954	300390661000	06/01/2044	18	0.209
3954	300390661000	07/01/2044	18	0.209
3954	300390661000	08/01/2044	18	0.208
3954	300390661000	09/01/2044	18	0.208
3954	300390661000	10/01/2044	18	0.206
3954	300390661000	11/01/2044	17	0.207
3954	300390661000	12/01/2044	17	0.207
3954	300390661000	01/01/2045	17	0.207
3954	300390661000	02/01/2045	17	0.206
3954	300390661000	03/01/2045	17	0.206
3954	300390661000	04/01/2045	17	0.206
3954	300390661000	05/01/2045	17	0.206
3954	300390661000	06/01/2045	17	0.205
3954	300390661000	07/01/2045	17	0.205
3954	300390661000	08/01/2045	17	0.205
3954	300390661000	09/01/2045	17	0.204
3954	300390661000	10/01/2045	17	0.204
3954	300390661000	11/01/2045	17	0.204
3954	300390661000	12/01/2045	17	0.203

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PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	01/01/2046	17	0.203
3954	300390661000	02/01/2046	17	0.203
3954	300390661000	03/01/2046	17	0.203
3954	300390661000	04/01/2046	17	0.202
3954	300390661000	05/01/2046	17	0.202
3954	300390661000	06/01/2046	17	0.202
3954	300390661000	07/01/2046	17	0.201
3954	300390661000	08/01/2046	17	0.201
3954	300390661000	09/01/2046	17	0.201
3954	300390661000	10/01/2046	17	0.201
3954	300390661000	11/01/2046	17	0.200
3954	300390661000	12/01/2046	17	0.200
3954	300390661000	01/01/2047	17	0.200
3954	300390661000	02/01/2047	17	0.199
3954	300390661000	03/01/2047	17	0.199
3954	300390661000	04/01/2047	17	0.199
3954	300390661000	05/01/2047	17	0.199
3954	300390661000	06/01/2047	17	0.198
3954	300390661000	07/01/2047	17	0.198
3954	300390661000	08/01/2047	17	0.198
3954	300390661000	09/01/2047	17	0.197
3954	300390661000	10/01/2047	17	0.197
3954	300390661000	11/01/2047	17	0.197
3954	300390661000	12/01/2047	17	0.196
3954	300390661000	01/01/2048	17	0.196
3954	300390661000	02/01/2048	17	0.196
3954	300390661000	03/01/2048	16	0.196
3954	300390661000	04/01/2048	16	0.195
3954	300390661000	05/01/2048	16	0.195
3954	300390661000	06/01/2048	16	0.195
3954	300390661000	07/01/2048	16	0.195
3954	300390661000	08/01/2048	16	0.194
3954	300390661000	09/01/2048	16	0.194
3954	300390661000	10/01/2048	16	0.194
3954	300390661000	11/01/2048	16	0.194
3954	300390661000	12/01/2048	16	0.193
3954	300390661000	01/01/2049	16	0.193
3954	300390661000	02/01/2049	16	0.193
3954	300390661000	03/01/2049	16	0.192
3954	300390661000	04/01/2049	16	0.192
3954	300390661000	05/01/2049	16	0.192

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

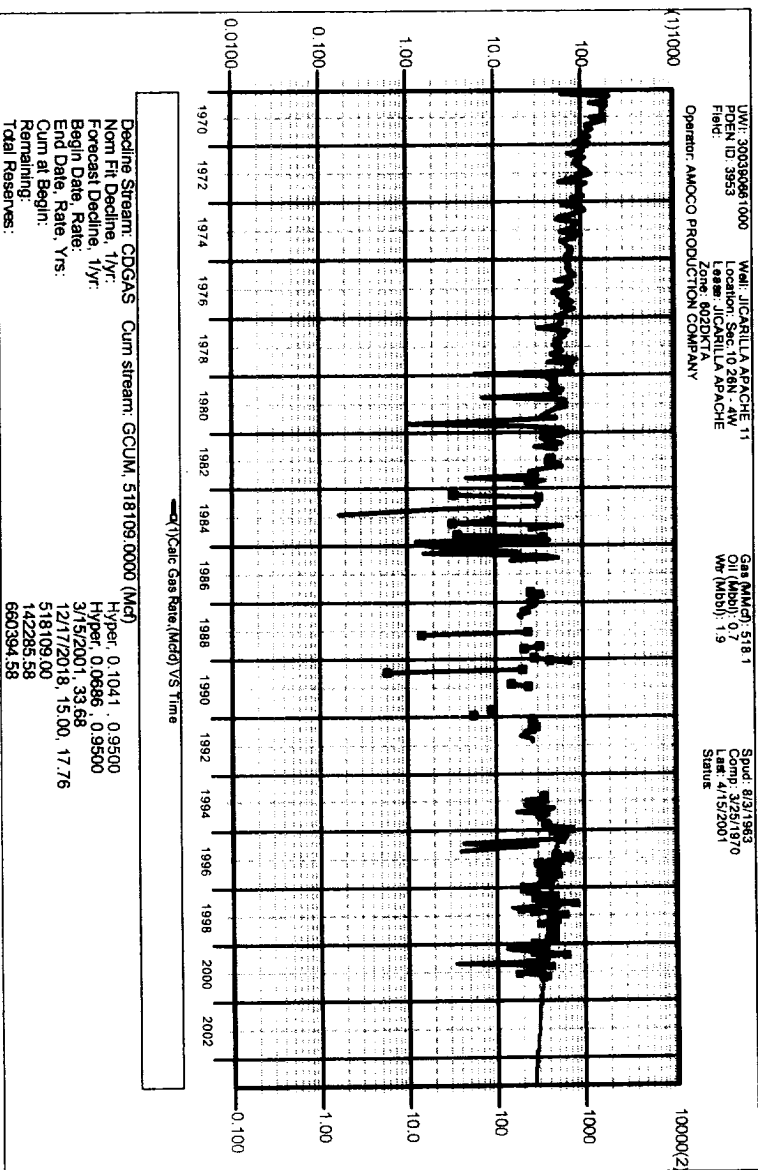
PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	06/01/2049	16	0.192
3954	300390661000	07/01/2049	16	0.191
3954	300390661000	08/01/2049	16	0.191
3954	300390661000	09/01/2049	16	0.191
3954	300390661000	10/01/2049	16	0.191
3954	300390661000	11/01/2049	16	0.190
3954	300390661000	12/01/2049	16	0.190
3954	300390661000	01/01/2050	16	0.190
3954	300390661000	02/01/2050	16	0.190
3954	300390661000	03/01/2050	16	0.189
3954	300390661000	04/01/2050	16	0.189
3954	300390661000	05/01/2050	16	0.189
3954	300390661000	06/01/2050	16	0.189
3954	300390661000	07/01/2050	16	0.188
3954	300390661000	08/01/2050	16	0.188
3954	300390661000	09/01/2050	16	0.188
3954	300390661000	10/01/2050	16	0.188
3954	300390661000	11/01/2050	16	0.187
3954	300390661000	12/01/2050	16	0.187
3954	300390661000	01/01/2051	16	0.187
3954	300390661000	02/01/2051	16	0.186
3954	300390661000	03/01/2051	16	0.186
3954	300390661000	04/01/2051	16	0.186
3954	300390661000	05/01/2051	16	0.186
3954	300390661000	06/01/2051	16	0.186
3954	300390661000	07/01/2051	16	0.185
3954	300390661000	08/01/2051	16	0.185
3954	300390661000	09/01/2051	16	0.185
3954	300390661000	10/01/2051	16	0.185
3954	300390661000	11/01/2051	16	0.184
3954	300390661000	12/01/2051	16	0.184
3954	300390661000	01/01/2052	15	0.184
3954	300390661000	02/01/2052	15	0.183
3954	300390661000	03/01/2052	15	0.183
3954	300390661000	04/01/2052	15	0.183
3954	300390661000	05/01/2052	15	0.183
3954	300390661000	06/01/2052	15	0.183
3954	300390661000	07/01/2052	15	0.182
3954	300390661000	08/01/2052	15	0.182
3954	300390661000	09/01/2052	15	0.182
3954	300390661000	10/01/2052	15	0.182

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

PDEN	UWI	DATE	Gas	Condensate
3954	300390661000	11/01/2052	15	0.181
3954	300390661000	12/01/2052	15	0.181
3954	300390661000	01/01/2053	15	0.181
3954	300390661000	02/01/2053	15	0.181
3954	300390661000	03/01/2053	15	0.180
3954	300390661000	04/01/2053	15	0.180
3954	300390661000	05/01/2053	15	0.180
3954	300390661000	06/01/2053	15	0.180
3954	300390661000	07/01/2053	15	0.180
3954	300390661000	08/01/2053	15	0.179
3954	300390661000	09/01/2053	15	0.179
3954	300390661000	10/01/2053	15	0.179
3954	300390661000	11/01/2053	15	0.179
3954	300390661000	12/01/2053	15	0.178
3954	300390661000	01/01/2054	15	0.178

JICARILLA APACHE 102 WELL 11
Future Production Decline for Basin Dakota

PDEN UWI	DATE	Gas	Condensate
3953 300390661000	08/01/2001	33	0.167
3953 300390661000	09/01/2001	33	0.166
3953 300390661000	10/01/2001	32	0.165
3953 300390661000	11/01/2001	32	0.164
3953 300390661000	12/01/2001	32	0.163
3953 300390661000	01/01/2002	32	0.162
3953 300390661000	02/01/2002	32	0.161
3953 300390661000	03/01/2002	32	0.160
3953 300390661000	04/01/2002	31	0.159
3953 300390661000	05/01/2002	31	0.158
3953 300390661000	06/01/2002	31	0.157
3953 300390661000	07/01/2002	31	0.156
3953 300390661000	08/01/2002	31	0.155
3953 300390661000	09/01/2002	30	0.154
3953 300390661000	10/01/2002	30	0.153
3953 300390661000	11/01/2002	30	0.152
3953 300390661000	12/01/2002	30	0.151
3953 300390661000	01/01/2003	30	0.150
3953 300390661000	02/01/2003	29	0.149
3953 300390661000	03/01/2003	29	0.148
3953 300390661000	04/01/2003	29	0.147
3953 300390661000	05/01/2003	29	0.146
3953 300390661000	06/01/2003	29	0.145
3953 300390661000	07/01/2003	28	0.144
3953 300390661000	08/01/2003	28	0.143
3953 300390661000	09/01/2003	28	0.142
3953 300390661000	10/01/2003	28	0.141
3953 300390661000	11/01/2003	28	0.140
3953 300390661000	12/01/2003	27	0.139
3953 300390661000	01/01/2004	27	0.138
3953 300390661000	02/01/2004	27	0.137
3953 300390661000	03/01/2004	27	0.136
3953 300390661000	04/01/2004	27	0.136
3953 300390661000	05/01/2004	27	0.136
3953 300390661000	06/01/2004	27	0.136
3953 300390661000	07/01/2004	27	0.136
3953 300390661000	08/01/2004	27	0.136
3953 300390661000	09/01/2004	27	0.136
3953 300390661000	10/01/2004	27	0.136
3953 300390661000	11/01/2004	27	0.136
3953 300390661000	12/01/2004	27	0.136
3953 300390661000	01/01/2005	27	0.136



JICARILLA APACHE 102 WELL '11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	02/01/2005	27	0.135
3953	300390661000	03/01/2005	26	0.134
3953	300390661000	04/01/2005	26	0.134
3953	300390661000	05/01/2005	26	0.133
3953	300390661000	06/01/2005	26	0.133
3953	300390661000	07/01/2005	26	0.132
3953	300390661000	08/01/2005	26	0.131
3953	300390661000	09/01/2005	26	0.131
3953	300390661000	10/01/2005	26	0.130
3953	300390661000	11/01/2005	26	0.130
3953	300390661000	12/01/2005	25	0.129
3953	300390661000	01/01/2006	25	0.128
3953	300390661000	02/01/2006	25	0.128
3953	300390661000	03/01/2006	25	0.127
3953	300390661000	04/01/2006	25	0.127
3953	300390661000	05/01/2006	25	0.126
3953	300390661000	06/01/2006	25	0.126
3953	300390661000	07/01/2006	25	0.125
3953	300390661000	08/01/2006	25	0.125
3953	300390661000	09/01/2006	24	0.124
3953	300390661000	10/01/2006	24	0.124
3953	300390661000	11/01/2006	24	0.123
3953	300390661000	12/01/2006	24	0.123
3953	300390661000	01/01/2007	24	0.122
3953	300390661000	02/01/2007	24	0.122
3953	300390661000	03/01/2007	24	0.121
3953	300390661000	04/01/2007	24	0.121
3953	300390661000	05/01/2007	24	0.120
3953	300390661000	06/01/2007	24	0.120
3953	300390661000	07/01/2007	23	0.119
3953	300390661000	08/01/2007	23	0.119
3953	300390661000	09/01/2007	23	0.118
3953	300390661000	10/01/2007	23	0.118
3953	300390661000	11/01/2007	23	0.117
3953	300390661000	12/01/2007	23	0.117
3953	300390661000	01/01/2008	23	0.116
3953	300390661000	02/01/2008	23	0.116
3953	300390661000	03/01/2008	23	0.115
3953	300390661000	04/01/2008	23	0.115
3953	300390661000	05/01/2008	23	0.114
3953	300390661000	06/01/2008	22	0.114
3953	300390661000	07/01/2008	22	0.114

JICARILLA APACHE 102 WELL '11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	08/01/2008	22	0.113
3953	300390661000	09/01/2008	22	0.113
3953	300390661000	10/01/2008	22	0.112
3953	300390661000	11/01/2008	22	0.112
3953	300390661000	12/01/2008	22	0.111
3953	300390661000	01/01/2009	22	0.111
3953	300390661000	02/01/2009	22	0.111
3953	300390661000	03/01/2009	22	0.110
3953	300390661000	04/01/2009	22	0.110
3953	300390661000	05/01/2009	22	0.109
3953	300390661000	06/01/2009	21	0.109
3953	300390661000	07/01/2009	21	0.109
3953	300390661000	08/01/2009	21	0.108
3953	300390661000	09/01/2009	21	0.108
3953	300390661000	10/01/2009	21	0.107
3953	300390661000	11/01/2009	21	0.107
3953	300390661000	12/01/2009	21	0.107
3953	300390661000	01/01/2010	21	0.106
3953	300390661000	02/01/2010	21	0.106
3953	300390661000	03/01/2010	21	0.105
3953	300390661000	04/01/2010	21	0.105
3953	300390661000	05/01/2010	21	0.105
3953	300390661000	06/01/2010	21	0.104
3953	300390661000	07/01/2010	20	0.104
3953	300390661000	08/01/2010	20	0.104
3953	300390661000	09/01/2010	20	0.103
3953	300390661000	10/01/2010	20	0.103
3953	300390661000	11/01/2010	20	0.102
3953	300390661000	12/01/2010	20	0.102
3953	300390661000	01/01/2011	20	0.102
3953	300390661000	02/01/2011	20	0.101
3953	300390661000	03/01/2011	20	0.101
3953	300390661000	04/01/2011	20	0.101
3953	300390661000	05/01/2011	20	0.100
3953	300390661000	06/01/2011	20	0.100
3953	300390661000	07/01/2011	20	0.100
3953	300390661000	08/01/2011	20	0.099
3953	300390661000	09/01/2011	19	0.099
3953	300390661000	10/01/2011	19	0.099
3953	300390661000	11/01/2011	19	0.098
3953	300390661000	12/01/2011	19	0.098
3953	300390661000	01/01/2012	19	0.098

JICARILLA APACHE 102 WELL 11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	02/01/2012	19	0.097
3953	300390661000	03/01/2012	19	0.097
3953	300390661000	04/01/2012	19	0.097
3953	300390661000	05/01/2012	19	0.096
3953	300390661000	06/01/2012	19	0.096
3953	300390661000	07/01/2012	19	0.096
3953	300390661000	08/01/2012	19	0.095
3953	300390661000	09/01/2012	19	0.095
3953	300390661000	10/01/2012	19	0.095
3953	300390661000	11/01/2012	19	0.094
3953	300390661000	12/01/2012	19	0.094
3953	300390661000	01/01/2013	18	0.094
3953	300390661000	02/01/2013	18	0.094
3953	300390661000	03/01/2013	18	0.093
3953	300390661000	04/01/2013	18	0.093
3953	300390661000	05/01/2013	18	0.093
3953	300390661000	06/01/2013	18	0.092
3953	300390661000	07/01/2013	18	0.092
3953	300390661000	08/01/2013	18	0.092
3953	300390661000	09/01/2013	18	0.092
3953	300390661000	10/01/2013	18	0.091
3953	300390661000	11/01/2013	18	0.091
3953	300390661000	12/01/2013	18	0.091
3953	300390661000	01/01/2014	18	0.090
3953	300390661000	02/01/2014	18	0.090
3953	300390661000	03/01/2014	18	0.090
3953	300390661000	04/01/2014	18	0.090
3953	300390661000	05/01/2014	18	0.089
3953	300390661000	06/01/2014	18	0.089
3953	300390661000	07/01/2014	17	0.089
3953	300390661000	08/01/2014	17	0.088
3953	300390661000	09/01/2014	17	0.088
3953	300390661000	10/01/2014	17	0.088
3953	300390661000	11/01/2014	17	0.088
3953	300390661000	12/01/2014	17	0.087
3953	300390661000	01/01/2015	17	0.087
3953	300390661000	02/01/2015	17	0.087
3953	300390661000	03/01/2015	17	0.087
3953	300390661000	04/01/2015	17	0.086
3953	300390661000	05/01/2015	17	0.086
3953	300390661000	06/01/2015	17	0.086
3953	300390661000	07/01/2015	17	0.086

JICARILLA APACHE 102 WELL 11
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
3953	300390661000	08/01/2015	17	0.085
3953	300390661000	09/01/2015	17	0.085
3953	300390661000	10/01/2015	17	0.085
3953	300390661000	11/01/2015	17	0.085
3953	300390661000	12/01/2015	17	0.084
3953	300390661000	01/01/2016	17	0.084
3953	300390661000	02/01/2016	17	0.084
3953	300390661000	03/01/2016	16	0.084
3953	300390661000	04/01/2016	16	0.083
3953	300390661000	05/01/2016	16	0.083
3953	300390661000	06/01/2016	16	0.083
3953	300390661000	07/01/2016	16	0.083
3953	300390661000	08/01/2016	16	0.082
3953	300390661000	09/01/2016	16	0.082
3953	300390661000	10/01/2016	16	0.082
3953	300390661000	11/01/2016	16	0.082
3953	300390661000	12/01/2016	16	0.081
3953	300390661000	01/01/2017	16	0.081
3953	300390661000	02/01/2017	16	0.081
3953	300390661000	03/01/2017	16	0.081
3953	300390661000	04/01/2017	16	0.081
3953	300390661000	05/01/2017	16	0.080
3953	300390661000	06/01/2017	16	0.080
3953	300390661000	07/01/2017	16	0.080
3953	300390661000	08/01/2017	16	0.080
3953	300390661000	09/01/2017	16	0.079
3953	300390661000	10/01/2017	16	0.079
3953	300390661000	11/01/2017	16	0.079
3953	300390661000	12/01/2017	16	0.079
3953	300390661000	01/01/2018	15	0.079
3953	300390661000	02/01/2018	15	0.078
3953	300390661000	03/01/2018	15	0.078
3953	300390661000	04/01/2018	15	0.078
3953	300390661000	05/01/2018	15	0.078
3953	300390661000	06/01/2018	15	0.078
3953	300390661000	07/01/2018	15	0.077
3953	300390661000	08/01/2018	15	0.077
3953	300390661000	09/01/2018	15	0.077
3953	300390661000	10/01/2018	15	0.077
3953	300390661000	11/01/2018	15	0.076
3953	300390661000	12/01/2018	15	0.076
3953	300390661000	01/01/2019	15	0.076

Jicarilla Apache 102 No. 11
Unit C Sec 10 T26N-R4W
Rio Arriba County, NM

Procedure:

1. MIRU SU. Record TP, CP and BH. ND tree, NU BOP.
2. Pull Model G locator seal assembly out of packer at 7759'. POOH tallying tbg, visually inspecting.
3. RIH with packer plucker assembly. RU air package. Mill up and retrieve Baker Model D packer at 7759'.
4. Make bit x scraper run.
5. Set CIBP on tbg at +/- 6000'. Load hole with KCl water. Test casing to 2500 psi.
6. RU Schlumberger. Log CBL/GR/CCL 5100' - 6000'. Correlate to 2"/100' Lane Wells GR/Neutron Log dated 8/14/63. Fax log to Allen Kutch at 281-366-0700.

NOTE: No DV tool.

7. Perforate following intervals with 3-1/8" csg gun, 2 SPF, 90 degree phasing (32 holes total):

Menefee:

5600', 15', 30', 50', 70', 78', 96',
5712', 21'

Point Lookout:

5745', 60', 72', 86', 95',
5809', 15'

8. RU pumping equipment and wellhead isolation tool.
9. Frac well down 4-1/2" csg with nitrogen foam and sand according to attached 1st stage pumping schedule. Flush with foam to top perf. Do not overdisplace.

NOTE: Do not exceed 3800 psi surface pressure (80% of burst for 4-1/2" 10.5# J55).

10. Set CIBP at 5550'. Load hole with KCl water and test to 2500 psi.

11. Perforate following intervals with 3-1/8" csg gun, 2 SPF, 90 degree phasing (34 holes total):

Cliffhouse:

5268', 85', 96',
5313', 23', 31', 38', 45', 50', 55', 65', 97'

Menefee:

5414', 31', 48', 60',
5530'

12. Frac well down 4-1/2" csg with nitrogen foam and sand according to attached 2nd stage pumping schedule. Flush with foam to top perf. Do not overdisplace.
13. Flow back immediately after frac equipment is off the well. Flow until well logs off or fluid recovery falls off to less than 2 bbls fluid per hour.
14. RIH with bit x DC's. RU air package. D/O CIBP's at 5550' and 6000'. Clean out to 7860' PBTD.
15. PU above perfs. Flow well 30 minutes. RIH to PBTD, clean out again if necessary. Repeat step until sand feed in stabilizes
16. RIH rabbiting following production string:
 - a. 1 jt 2-3/8" tbg
 - b. F-nipple w/ blanking plug
 - c. 2-3/8" tbg to surface
17. Tag bottom. PU and land EOT at +/- 7790'.
18. If original tubing is re-run, load with KCl water and test to 500 psi. ND BOP, NU tree. Swab tubing dry.
19. RU slickline. Make 1.91" gauge ring run. Retrieve plug.
20. Set FB stop and bumper spring.
21. Flow well for 2-3 hours, swabbing if necessary.
22. RDMO SU.

Allen Kutch

281-366-7955 office

281-366-0700 fax

Jicarilla Apache 102 No. 11

3-20-2001

Rio Arriba County, NM
Unit C Section 10 T26N - R4W
Run 55

ATK

KB: 10'

10-3/4" 32.75# H40
@ 218' w/ 140 sxs

7-5/8" 26.4# J55 @
3895' w/ 140 sxs

GP Perfs:

7291' - 7295'
7297' - 7301'

DK Perfs:

7780' - 7792'
7814' - 7826'
7926' - 7936'
7964' - 7976'

Baker Model L 1.87" ID
sliding sleeve @ 7308'

F-Nipple @ 7755'

Baker Model D pkr @ 7759'

2-3/8" 4.7# J55 EU 8RD @
7764'

CIBP @ 7860'

4-1/2" 10.5# & 11.6#
J55 @ 8038' w/ 500 sxs

PBTD: 7958'
TD: 8037'

Procedure.doc

Note: 11.6# 7199' -
8038' & 5 other its @ 4
5345' and abv.

