Form 3160-5
(August 1999)

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

AUG 2001 RECEIVED OIL CON. DIV. DIST. 3

5. Lease Serial No.
JIC APACHE 102

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
JIC APACHE 102 7

2. Name of Operator
AMOCO PRODUCTION COMPANY

Contact: CHERRY HLAVA
E-Mail: hlavacl@bp.com

9. API Well No.
30-039-06709

3a. Address
P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)
Ph: 281.366.4081
Fx: 281.366.0700

10. Field and Pool, or Exploratory
BLANCO MV/BSMSGAL/BASINDK

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 3 T26N R4W Mer NENW 1850FNL 2390FEL

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

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 recomplete 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 recompletion 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 #5905 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 07/25/2001 ()

Name *(Printed/Typed)* CHERRY HLAVA — Title AUTHORIZED REPRESENTATIVE

Signature — Date 07/24/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Patricia M Hester — Title Lands and Mineral Resources — Date 8-7-01

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

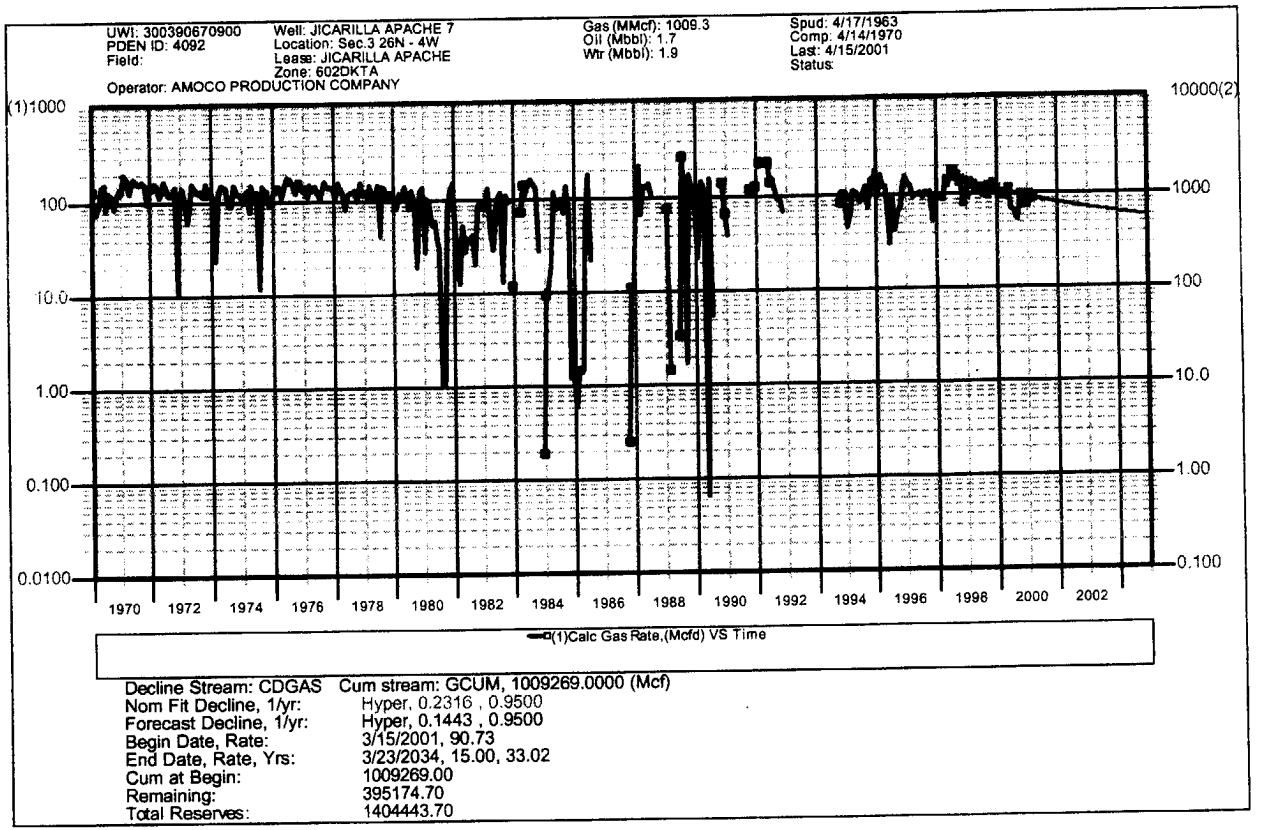
Contain frac fluids in tank -

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

Submit completion report when new completion done

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	08/01/2001	86	1.599
4092	300390670900	09/01/2001	85	1.581
4092	300390670900	10/01/2001	84	1.563
4092	300390670900	11/01/2001	83	1.546
4092	300390670900	12/01/2001	82	1.529
4092	300390670900	01/01/2002	81	1.512
4092	300390670900	02/01/2002	80	1.495
4092	300390670900	03/01/2002	80	1.481
4092	300390670900	04/01/2002	79	1.465
4092	300390670900	05/01/2002	78	1.450
4092	300390670900	06/01/2002	77	1.435
4092	300390670900	07/01/2002	76	1.420
4092	300390670900	08/01/2002	76	1.406
4092	300390670900	09/01/2002	75	1.391
4092	300390670900	10/01/2002	74	1.378
4092	300390670900	11/01/2002	73	1.364
4092	300390670900	12/01/2002	73	1.351
4092	300390670900	01/01/2003	72	1.338
4092	300390670900	02/01/2003	71	1.325
4092	300390670900	03/01/2003	71	1.313
4092	300390670900	04/01/2003	70	1.300
4092	300390670900	05/01/2003	69	1.289
4092	300390670900	06/01/2003	69	1.276
4092	300390670900	07/01/2003	68	1.265
4092	300390670900	08/01/2003	67	1.253
4092	300390670900	09/01/2003	67	1.242
4092	300390670900	10/01/2003	66	1.231
4092	300390670900	11/01/2003	66	1.220
4092	300390670900	12/01/2003	65	1.209
4092	300390670900	01/01/2004	64	1.199
4092	300390670900	02/01/2004	64	1.188
4092	300390670900	03/01/2004	63	1.178
4092	300390670900	04/01/2004	63	1.168
4092	300390670900	05/01/2004	62	1.158
4092	300390670900	06/01/2004	62	1.149
4092	300390670900	07/01/2004	61	1.139
4092	300390670900	08/01/2004	61	1.130
4092	300390670900	09/01/2004	60	1.120
4092	300390670900	10/01/2004	60	1.111
4092	300390670900	11/01/2004	59	1.102
4092	300390670900	12/01/2004	59	1.094



Decline Stream: CDGAS Cum stream: GCUM, 1009269.0000 (Mcf)

Nom Fit Decline, 1/yr:	Hyper, 0.2316 , 0.9500
Forecast Decline, 1/yr:	Hyper, 0.1443 , 0.9500
Begin Date, Rate:	3/15/2001, 90.73
End Date, Rate, Yrs:	3/23/2034, 15.00, 33.02
Cum at Begin:	1009269.00
Remaining:	395174.70
Total Reserves:	1404443.70

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	01/01/2005	58	1.085
4092	300390670900	02/01/2005	58	1.076
4092	300390670900	03/01/2005	57	1.068
4092	300390670900	04/01/2005	57	1.060
4092	300390670900	05/01/2005	57	1.052
4092	300390670900	06/01/2005	56	1.044
4092	300390670900	07/01/2005	56	1.036
4092	300390670900	08/01/2005	55	1.028
4092	300390670900	09/01/2005	55	1.020
4092	300390670900	10/01/2005	54	1.013
4092	300390670900	11/01/2005	54	1.005
4092	300390670900	12/01/2005	54	0.998
4092	300390670900	01/01/2006	53	0.991
4092	300390670900	02/01/2006	53	0.983
4092	300390670900	03/01/2006	53	0.977
4092	300390670900	04/01/2006	52	0.970
4092	300390670900	05/01/2006	52	0.963
4092	300390670900	06/01/2006	51	0.956
4092	300390670900	07/01/2006	51	0.950
4092	300390670900	08/01/2006	51	0.943
4092	300390670900	09/01/2006	50	0.936
4092	300390670900	10/01/2006	50	0.930
4092	300390670900	11/01/2006	50	0.924
4092	300390670900	12/01/2006	49	0.918
4092	300390670900	01/01/2007	49	0.911
4092	300390670900	02/01/2007	49	0.905
4092	300390670900	03/01/2007	48	0.900
4092	300390670900	04/01/2007	48	0.894
4092	300390670900	05/01/2007	48	0.888
4092	300390670900	06/01/2007	47	0.882
4092	300390670900	07/01/2007	47	0.876
4092	300390670900	08/01/2007	47	0.871
4092	300390670900	09/01/2007	47	0.865
4092	300390670900	10/01/2007	46	0.860
4092	300390670900	11/01/2007	46	0.854
4092	300390670900	12/01/2007	46	0.849
4092	300390670900	01/01/2008	45	0.843
4092	300390670900	02/01/2008	45	0.838
4092	300390670900	03/01/2008	45	0.833
4092	300390670900	04/01/2008	45	0.828
4092	300390670900	05/01/2008	44	0.823

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	06/01/2008	44	0.818
4092	300390670900	07/01/2008	44	0.813
4092	300390670900	08/01/2008	43	0.808
4092	300390670900	09/01/2008	43	0.803
4092	300390670900	10/01/2008	43	0.799
4092	300390670900	11/01/2008	43	0.794
4092	300390670900	12/01/2008	42	0.789
4092	300390670900	01/01/2009	42	0.785
4092	3003906709( )	02/01/2009	42	0.780
4092	300390670900	03/01/2009	42	0.776
4092	300390670900	04/01/2009	41	0.771
4092	300390670900	05/01/2009	41	0.767
4092	300390670900	06/01/2009	41	0.763
4092	300390670900	07/01/2009	41	0.758
4092	300390670900	08/01/2009	41	0.754
4092	300390670900	09/01/2009	40	0.750
4092	300390670900	10/01/2009	40	0.746
4092	300390670900	11/01/2009	40	0.741
4092	300390670900	12/01/2009	40	0.737
4092	300390670900	01/01/2010	39	0.733
4092	300390670900	02/01/2010	39	0.729
4092	300390670900	03/01/2010	39	0.726
4092	300390670900	04/01/2010	39	0.722
4092	300390670900	05/01/2010	39	0.718
4092	300390670900	06/01/2010	38	0.714
4092	300390670900	07/01/2010	38	0.710
4092	300390670900	08/01/2010	38	0.706
4092	300390670900	09/01/2010	38	0.703
4092	300390670900	10/01/2010	38	0.699
4092	300390670900	11/01/2010	37	0.695
4092	300390670900	12/01/2010	37	0.692
4092	300390670900	01/01/2011	37	0.688
4092	300390670900	02/01/2011	37	0.685
4092	300390670900	03/01/2011	37	0.681
4092	300390670900	04/01/2011	36	0.678
4092	300390670900	05/01/2011	36	0.675
4092	300390670900	06/01/2011	36	0.671
4092	300390670900	07/01/2011	36	0.668
4092	300390670900	08/01/2011	36	0.664
4092	300390670900	09/01/2011	36	0.661
4092	300390670900	10/01/2011	35	0.658

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Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	11/01/2011	35	0.655
4092	300390670900	12/01/2011	35	0.652
4092	300390670900	01/01/2012	35	0.648
4092	300390670900	02/01/2012	35	0.645
4092	300390670900	03/01/2012	35	0.642
4092	300390670900	04/01/2012	34	0.639
4092	300390670900	05/01/2012	34	0.636
4092	300390670900	06/01/2012	34	0.633
4092	300390670900	07/01/2012	34	0.630
4092	300390670900	08/01/2012	34	0.627
4092	300390670900	09/01/2012	34	0.624
4092	300390670900	10/01/2012	33	0.621
4092	300390670900	11/01/2012	33	0.618
4092	300390670900	12/01/2012	33	0.615
4092	300390670900	01/01/2013	33	0.613
4092	300390670900	02/01/2013	33	0.610
4092	300390670900	03/01/2013	33	0.607
4092	300390670900	04/01/2013	33	0.604
4092	300390670900	05/01/2013	32	0.602
4092	300390670900	06/01/2013	32	0.599
4092	300390670900	07/01/2013	32	0.596
4092	300390670900	08/01/2013	32	0.594
4092	300390670900	09/01/2013	32	0.591
4092	300390670900	10/01/2013	32	0.588
4092	300390670900	11/01/2013	31	0.586
4092	300390670900	12/01/2013	31	0.583
4092	300390670900	01/01/2014	31	0.581
4092	300390670900	02/01/2014	31	0.578
4092	300390670900	03/01/2014	31	0.576
4092	300390670900	04/01/2014	31	0.573
4092	300390670900	05/01/2014	31	0.571
4092	300390670900	06/01/2014	31	0.568
4092	300390670900	07/01/2014	30	0.566
4092	300390670900	08/01/2014	30	0.563
4092	300390670900	09/01/2014	30	0.561
4092	300390670900	10/01/2014	30	0.559
4092	300390670900	11/01/2014	30	0.556
4092	300390670900	12/01/2014	30	0.554
4092	300390670900	01/01/2015	30	0.552
4092	300390670900	02/01/2015	30	0.549
4092	300390670900	03/01/2015	29	0.547

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	04/01/2015	29	0.545
4092	300390670900	05/01/2015	29	0.543
4092	300390670900	06/01/2015	29	0.540
4092	300390670900	07/01/2015	29	0.538
4092	300390670900	08/01/2015	29	0.536
4092	300390670900	09/01/2015	29	0.534
4092	300390670900	10/01/2015	29	0.532
4092	300390670900	11/01/2015	28	0.530
4092	300390670900	12/01/2015	28	0.528
4092	300390670900	01/01/2016	28	0.525
4092	300390670900	02/01/2016	28	0.523
4092	300390670900	03/01/2016	28	0.521
4092	300390670900	04/01/2016	28	0.519
4092	300390670900	05/01/2016	28	0.517
4092	300390670900	06/01/2016	28	0.515
4092	300390670900	07/01/2016	28	0.513
4092	300390670900	08/01/2016	27	0.511
4092	300390670900	09/01/2016	27	0.509
4092	300390670900	10/01/2016	27	0.507
4092	300390670900	11/01/2016	27	0.505
4092	300390670900	12/01/2016	27	0.503
4092	300390670900	01/01/2017	27	0.501
4092	300390670900	02/01/2017	27	0.499
4092	300390670900	03/01/2017	27	0.498
4092	300390670900	04/01/2017	27	0.496
4092	300390670900	05/01/2017	27	0.494
4092	300390670900	06/01/2017	26	0.492
4092	300390670900	07/01/2017	26	0.490
4092	300390670900	08/01/2017	26	0.488
4092	300390670900	09/01/2017	26	0.487
4092	300390670900	10/01/2017	26	0.485
4092	300390670900	11/01/2017	26	0.483
4092	300390670900	12/01/2017	26	0.481
4092	300390670900	01/01/2018	26	0.480
4092	300390670900	02/01/2018	26	0.478
4092	300390670900	03/01/2018	26	0.476
4092	300390670900	04/01/2018	26	0.474
4092	300390670900	05/01/2018	25	0.473
4092	300390670900	06/01/2018	25	0.471
4092	300390670900	07/01/2018	25	0.469
4092	300390670900	08/01/2018	25	0.468

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	09/01/2018	25	0.466
4092	300390670900	10/01/2018	25	0.464
4092	300390670900	11/01/2018	25	0.463
4092	300390670900	12/01/2018	25	0.461
4092	300390670900	01/01/2019	25	0.459
4092	300390670900	02/01/2019	25	0.458
4092	300390670900	03/01/2019	25	0.456
4092	300390670900	04/01/2019	24	0.455
4092	300390670900	05/01/2019	24	0.453
4092	300390670900	06/01/2019	24	0.452
4092	300390670900	07/01/2019	24	0.450
4092	300390670900	08/01/2019	24	0.449
4092	300390670900	09/01/2019	24	0.447
4092	300390670900	10/01/2019	24	0.445
4092	300390670900	11/01/2019	24	0.444
4092	300390670900	12/01/2019	24	0.442
4092	300390670900	01/01/2020	24	0.441
4092	300390670900	02/01/2020	24	0.439
4092	300390670900	03/01/2020	24	0.438
4092	300390670900	04/01/2020	23	0.437
4092	300390670900	05/01/2020	23	0.435
4092	300390670900	06/01/2020	23	0.434
4092	300390670900	07/01/2020	23	0.432
4092	300390670900	08/01/2020	23	0.431
4092	300390670900	09/01/2020	23	0.429
4092	300390670900	10/01/2020	23	0.428
4092	300390670900	11/01/2020	23	0.427
4092	300390670900	12/01/2020	23	0.425
4092	300390670900	01/01/2021	23	0.424
4092	300390670900	02/01/2021	23	0.422
4092	300390670900	03/01/2021	23	0.421
4092	300390670900	04/01/2021	23	0.420
4092	300390670900	05/01/2021	23	0.418
4092	300390670900	06/01/2021	22	0.417
4092	300390670900	07/01/2021	22	0.416
4092	300390670900	08/01/2021	22	0.414
4092	300390670900	09/01/2021	22	0.413
4092	300390670900	10/01/2021	22	0.412
4092	300390670900	11/01/2021	22	0.411
4092	300390670900	12/01/2021	22	0.409
4092	300390670900	01/01/2022	22	0.408

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	02/01/2022	22	0.407
4092	300390670900	03/01/2022	22	0.405
4092	300390670900	04/01/2022	22	0.404
4092	300390670900	05/01/2022	22	0.403
4092	300390670900	06/01/2022	22	0.402
4092	300390670900	07/01/2022	22	0.400
4092	300390670900	08/01/2022	21	0.399
4092	300390670900	09/01/2022	21	0.398
4092	300390670900	10/01/2022	21	0.397
4092	300390670900	11/01/2022	21	0.396
4092	300390670900	12/01/2022	21	0.394
4092	300390670900	01/01/2023	21	0.393
4092	300390670900	02/01/2023	21	0.392
4092	300390670900	03/01/2023	21	0.391
4092	300390670900	04/01/2023	21	0.390
4092	300390670900	05/01/2023	21	0.389
4092	300390670900	06/01/2023	21	0.387
4092	300390670900	07/01/2023	21	0.386
4092	300390670900	08/01/2023	21	0.385
4092	300390670900	09/01/2023	21	0.384
4092	300390670900	10/01/2023	21	0.383
4092	300390670900	11/01/2023	21	0.382
4092	300390670900	12/01/2023	20	0.381
4092	300390670900	01/01/2024	20	0.379
4092	300390670900	02/01/2024	20	0.378
4092	300390670900	03/01/2024	20	0.377
4092	300390670900	04/01/2024	20	0.376
4092	300390670900	05/01/2024	20	0.375
4092	300390670900	06/01/2024	20	0.374
4092	300390670900	07/01/2024	20	0.373
4092	300390670900	08/01/2024	20	0.372
4092	300390670900	09/01/2024	20	0.371
4092	300390670900	10/01/2024	20	0.370
4092	300390670900	11/01/2024	20	0.369
4092	300390670900	12/01/2024	20	0.368
4092	300390670900	01/01/2025	20	0.367
4092	300390670900	02/01/2025	20	0.366
4092	300390670900	03/01/2025	20	0.365
4092	300390670900	04/01/2025	20	0.364
4092	300390670900	05/01/2025	20	0.363
4092	300390670900	06/01/2025	19	0.362

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	07/01/2025	19	0.361
4092	300390670900	08/01/2025	19	0.360
4092	300390670900	09/01/2025	19	0.359
4092	300390670900	10/01/2025	19	0.358
4092	300390670900	11/01/2025	19	0.357
4092	300390670900	12/01/2025	19	0.356
4092	300390670900	01/01/2026	19	0.355
4092	300390670900	02/01/2026	19	0.354
4092	300390670900	03/01/2026	19	0.353
4092	300390670900	04/01/2026	19	0.352
4092	300390670900	05/01/2026	19	0.351
4092	300390670900	06/01/2026	19	0.350
4092	300390670900	07/01/2026	19	0.349
4092	300390670900	08/01/2026	19	0.348
4092	300390670900	09/01/2026	19	0.347
4092	300390670900	10/01/2026	19	0.346
4092	300390670900	11/01/2026	19	0.345
4092	300390670900	12/01/2026	19	0.344
4092	300390670900	01/01/2027	18	0.343
4092	300390670900	02/01/2027	18	0.342
4092	300390670900	03/01/2027	18	0.342
4092	300390670900	04/01/2027	18	0.341
4092	300390670900	05/01/2027	18	0.340
4092	300390670900	06/01/2027	18	0.339
4092	300390670900	07/01/2027	18	0.338
4092	300390670900	08/01/2027	18	0.337
4092	300390670900	09/01/2027	18	0.336
4092	300390670900	10/01/2027	18	0.335
4092	300390670900	11/01/2027	18	0.334
4092	300390670900	12/01/2027	18	0.334
4092	300390670900	01/01/2028	18	0.333
4092	300390670900	02/01/2028	18	0.332
4092	300390670900	03/01/2028	18	0.331
4092	300390670900	04/01/2028	18	0.330
4092	300390670900	05/01/2028	18	0.329
4092	300390670900	06/01/2028	18	0.329
4092	300390670900	07/01/2028	18	0.328
4092	300390670900	08/01/2028	18	0.327
4092	300390670900	09/01/2028	18	0.326
4092	300390670900	10/01/2028	17	0.325
4092	300390670900	11/01/2028	17	0.324

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	12/01/2028	17	0.324
4092	300390670900	01/01/2029	17	0.323
4092	300390670900	02/01/2029	17	0.322
4092	300390670900	03/01/2029	17	0.321
4092	300390670900	04/01/2029	17	0.320
4092	300390670900	05/01/2029	17	0.320
4092	300390670900	06/01/2029	17	0.319
4092	300390670900	07/01/2029	17	0.318
4092	300390670900	08/01/2029	17	0.317
4092	3003906709 0	09/01/2029	17	0.316
4092	300390670900	10/01/2029	17	0.316
4092	300390670900	11/01/2029	17	0.315
4092	300390670900	12/01/2029	17	0.314
4092	300390670900	01/01/2030	17	0.313
4092	300390670900	02/01/2030	17	0.313
4092	300390670900	03/01/2030	17	0.312
4092	300390670900	04/01/2030	17	0.311
4092	300390670900	05/01/2030	17	0.310
4092	300390670900	06/01/2030	17	0.310
4092	300390670900	07/01/2030	17	0.309
4092	300390670900	08/01/2030	17	0.308
4092	300390670900	09/01/2030	17	0.307
4092	300390670900	10/01/2030	16	0.307
4092	300390670900	11/01/2030	16	0.306
4092	300390670900	12/01/2030	16	0.305
4092	300390670900	01/01/2031	16	0.304
4092	300390670900	02/01/2031	16	0.304
4092	300390670900	03/01/2031	16	0.303
4092	300390670900	04/01/2031	16	0.302
4092	300390670900	05/01/2031	16	0.302
4092	300390670900	06/01/2031	16	0.301
4092	300390670900	07/01/2031	16	0.300
4092	300390670900	08/01/2031	16	0.300
4092	300390670900	09/01/2031	16	0.299
4092	300390670900	10/01/2031	16	0.298
4092	300390670900	11/01/2031	16	0.297
4092	300390670900	12/01/2031	16	0.297
4092	300390670900	01/01/2032	16	0.296
4092	300390670900	02/01/2032	16	0.295
4092	300390670900	03/01/2032	16	0.295
4092	300390670900	04/01/2032	16	0.294

JICARILLA APACHE 102 WELL 7
Future Production Decline for Basin Dakota

PDEN	UWI	DATE	Gas	Condensate
4092	300390670900	05/01/2032	16	0.293
4092	300390670900	06/01/2032	16	0.293
4092	300390670900	07/01/2032	16	0.292
4092	300390670900	08/01/2032	16	0.291
4092	300390670900	09/01/2032	16	0.291
4092	300390670900	10/01/2032	16	0.290
4092	300390670900	11/01/2032	16	0.289
4092	300390670900	12/01/2032	16	0.289
4092	300390670900	01/01/2033	15	0.288
4092	300390670900	02/01/2033	15	0.287
4092	300390670900	03/01/2033	15	0.287
4092	300390670900	04/01/2033	15	0.286
4092	300390670900	05/01/2033	15	0.286
4092	300390670900	06/01/2033	15	0.285
4092	300390670900	07/01/2033	15	0.284
4092	300390670900	08/01/2033	15	0.284
4092	300390670900	09/01/2033	15	0.283
4092	300390670900	10/01/2033	15	0.282
4092	300390670900	11/01/2033	15	0.282
4092	300390670900	12/01/2033	15	0.281
4092	300390670900	01/01/2034	15	0.281
4092	300390670900	02/01/2034	15	0.280
4092	300390670900	03/01/2034	15	0.279
4092	300390670900	04/01/2034		0.000

Jicarilla Apache 102 No. 7
Unit G Sec 3 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 7877'. POOH tallying tbg, visually inspecting.

3. RIH with packer plucker assembly. RU air package. Mill up and retrieve Baker Model D packer at 7877'.

4. Make bit x scraper run.

5. Set CIBP on tbg at +/- 6200'. Load hole with KCl water. Test casing to 2500 psi.

6. RU Schlumberger. Log CBL/GR/CCL 5300' - 6100'. 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 (34 holes total):

   Menefee:

   5790',
   5800', 12', 20', 46', 68', 81', 95'

   Point Lookout:

   5909', 28', 39', 56', 65', 75', 82',
   6001', 09'

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 5750'. 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 (32 holes total):

    Cliffhouse:

    5460', 70', 81',
    5507', 22', 34', 50', 70', 80'

    Menefee:

    5600', 18', 44', 65', 78', 88',
    5720'

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 5750' and 6200'. Clean out to 8150' 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 +/- 8000'.

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

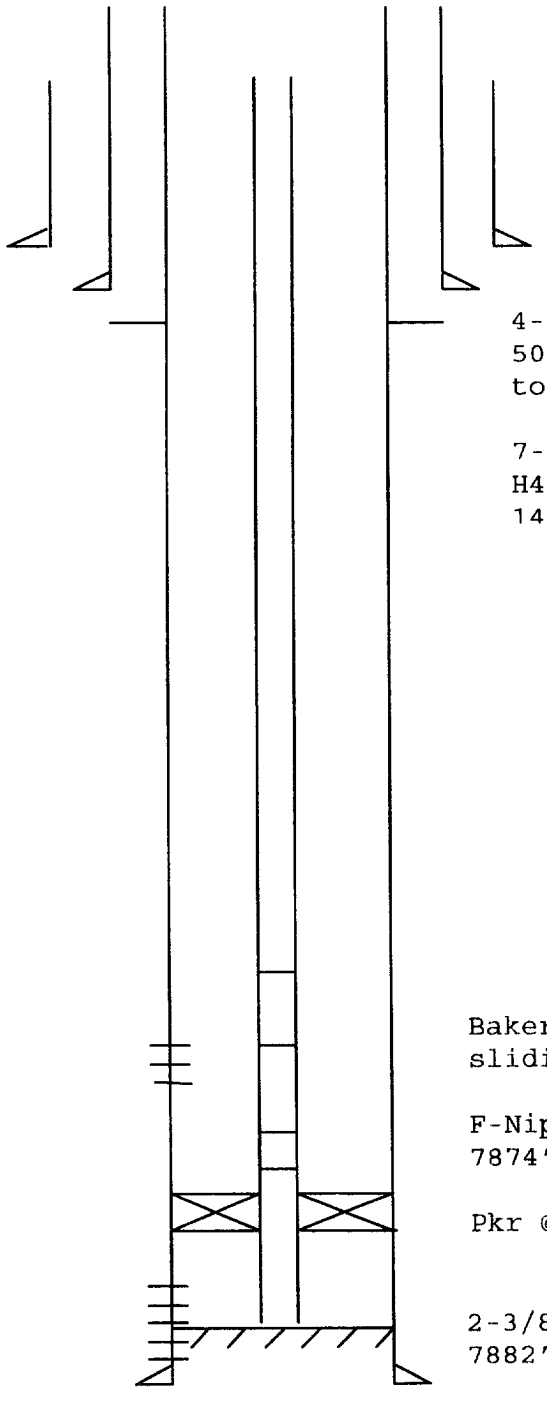
281-366-7955 office
281-366-0700 fax
888-788-6522 pager
979-865-0140 home

Jicarilla Apache 102 No. 7

3-20-2001
ATK

Rio Arriba County, NM
Unit G Section 3 T26N - R4W
Run 55

KB: 11'



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

4-1/2" TB @ 3871' w/
500 sxs, circ 10 sxs
to sfc

7-5/8" 24# & 26.4#
H40 & J55 @ 3958' w/
140 sxs

GP Perfs:
7486' - 7492'

DK Perfs:

7964' - 7984'
8000' - 8020'
8100' - 8122'

Baker Model L 1.87" ID
sliding sleeve @ 7465'

F-Nipple (1.81" ID) @
7874'

Pkr @ 7877'

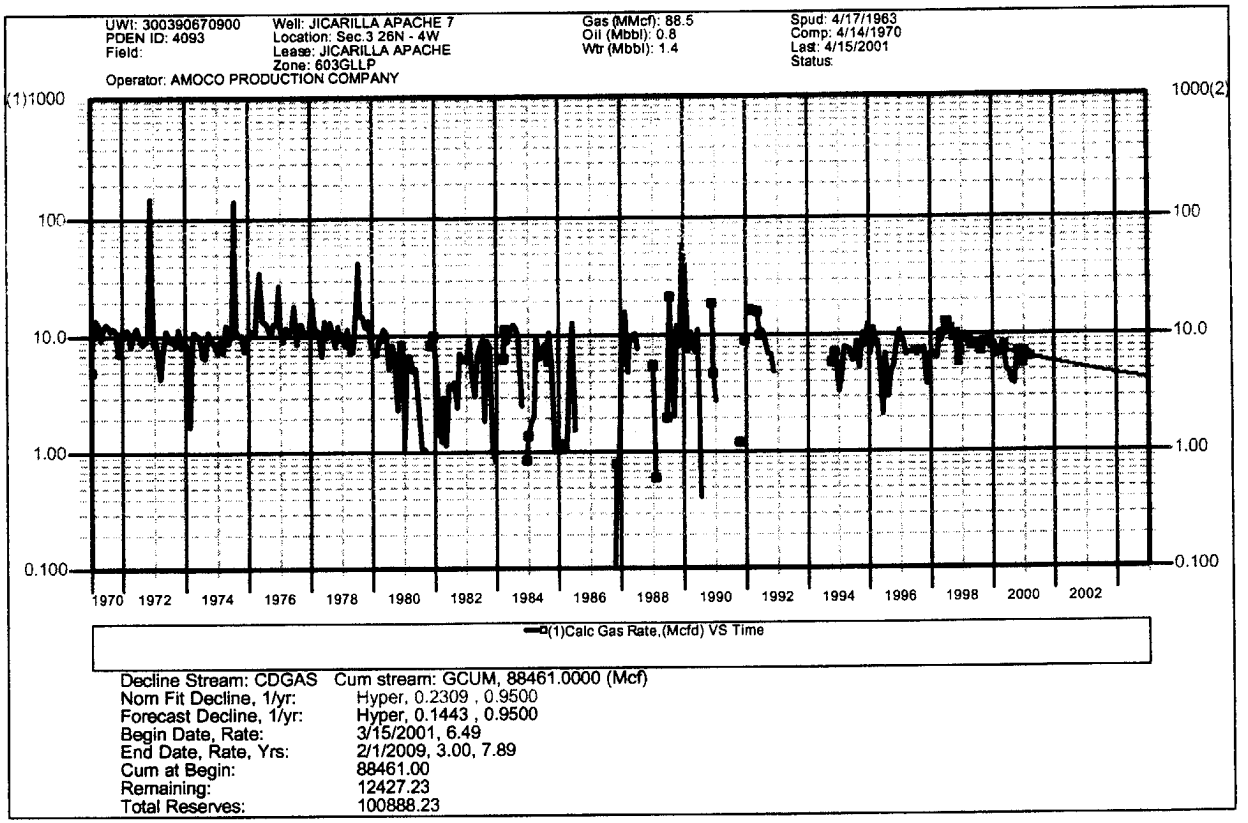
2-3/8" 4.7# J55 EU 8RD @
7882'

4-1/2" 10.5# & 11.6#
(btm 40 jts) J55 @
8192' w/ 500 sxs

PBTD: 8150'
TD: 8192'

JICARILLA APACHE 102 WELL 7
Future Production Decline for BS Mesa Gallup

PDEN	UWI	DATE	Gas	Condensate
4093	300390670900	08/01/2002	5	0.401
4093	300390670900	09/01/2002	5	0.397
4093	300390670900	10/01/2002	5	0.393
4093	300390670900	11/01/2002	5	0.389
4093	300390670900	12/01/2002	5	0.385
4093	300390670900	01/01/2003	5	0.382
4093	300390670900	02/01/2003	5	0.378
4093	300390670900	03/01/2003	5	0.375
4093	300390670900	04/01/2003	5	0.371
4093	300390670900	05/01/2003	5	0.368
4093	300390670900	06/01/2003	5	0.364
4093	300390670900	07/01/2003	5	0.361
4093	300390670900	08/01/2003	5	0.357
4093	300390670900	09/01/2003	5	0.354
4093	300390670900	10/01/2003	5	0.351
4093	300390670900	11/01/2003	5	0.348
4093	300390670900	12/01/2003	5	0.345
4093	300390670900	01/01/2004	5	0.342
4093	300390670900	02/01/2004	5	0.339
4093	300390670900	03/01/2004	5	0.336
4093	300390670900	04/01/2004	4	0.333
4093	300390670900	05/01/2004	4	0.330
4093	300390670900	06/01/2004	4	0.328
4093	300390670900	07/01/2004	4	0.325
4093	300390670900	08/01/2004	4	0.322
4093	300390670900	09/01/2004	4	0.320
4093	300390670900	10/01/2004	4	0.317
4093	300390670900	11/01/2004	4	0.314
4093	300390670900	12/01/2004	4	0.312
4093	300390670900	01/01/2005	4	0.309
4093	300390670900	02/01/2005	4	0.307
4093	300390670900	03/01/2005	4	0.305
4093	300390670900	04/01/2005	4	0.302
4093	300390670900	05/01/2005	4	0.300
4093	300390670900	06/01/2005	4	0.298
4093	300390670900	07/01/2005	4	0.296
4093	300390670900	08/01/2005	4	0.293
4093	300390670900	09/01/2005	4	0.291
4093	300390670900	10/01/2005	4	0.289
4093	300390670900	11/01/2005	4	0.287
4093	300390670900	12/01/2005	4	0.285



JICARILLA APACHE 102 WELL 7
Future Production Decline for BS Mesa Gallup

PDEN	UWI	DATE	Gas	Condensate
4093	300390670900	01/01/2006	4	0.283
4093	300390670900	02/01/2006	4	0.281
4093	300390670900	03/01/2006	4	0.279
4093	300390670900	04/01/2006	4	0.277
4093	300390670900	05/01/2006	4	0.275
4093	300390670900	06/01/2006	4	0.273
4093	300390670900	07/01/2006	4	0.271
4093	300390670900	08/01/2006	4	0.269
4093	300390670900	09/01/2006	4	0.267
4093	300390670900	10/01/2006	4	0.265
4093	300390670900	11/01/2006	4	0.264
4093	300390670900	12/01/2006	4	0.262
4093	300390670900	01/01/2007	4	0.260
4093	300390670900	02/01/2007	3	0.258
4093	300390670900	03/01/2007	3	0.257
4093	300390670900	04/01/2007	3	0.255
4093	300390670900	05/01/2007	3	0.253
4093	300390670900	06/01/2007	3	0.252
4093	300390670900	07/01/2007	3	0.250
4093	300390670900	08/01/2007	3	0.248
4093	300390670900	09/01/2007	3	0.247
4093	300390670900	10/01/2007	3	0.245
4093	300390670900	11/01/2007	3	0.244
4093	300390670900	12/01/2007	3	0.242
4093	300390670900	01/01/2008	3	0.241
4093	300390670900	02/01/2008	3	0.239
4093	300390670900	03/01/2008	3	0.238
4093	300390670900	04/01/2008	3	0.236
4093	300390670900	05/01/2008	3	0.235
4093	300390670900	06/01/2008	3	0.233
4093	300390670900	07/01/2008	3	0.232
4093	300390670900	08/01/2008	3	0.231
4093	300390670900	09/01/2008	3	0.229
4093	300390670900	10/01/2008	3	0.228
4093	300390670900	11/01/2008	3	0.226
4093	300390670900	12/01/2008	3	0.225
4093	300390670900	01/01/2009	3	0.224
4093	300390670900	02/01/2009	3	0.222
				0.000

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	[2] Pool Code	[3] Pool Name
30-045-06709	72319	Blanco Mesaverde

[4] Property Code	[5] Property Name	[6] Well Number
000735	Jicarilla Apache 102	7

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	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 G	03	26N	04W		1850'	North	2390'	East	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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320 Ac.			

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.

Cherry Hlava
Signature

Cherry Hlava
Printed Name

Regulatory Analyst
Title

07/23/2001
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.

03/23/1963
Date of Survey

Signature and Seal of Professional Surveyor:

E.V. Echohawk 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
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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

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-039-06709	72920	BS Mesa Gallup

[4] Property Code	[5] Property Name	[6] Well Number
000735	Jicarilla Apache 102	7

[7] OGRID No.	[8] Operator Name	[9] Elevation
000778	Amoco Production Company	7010'

[10] Surface Location

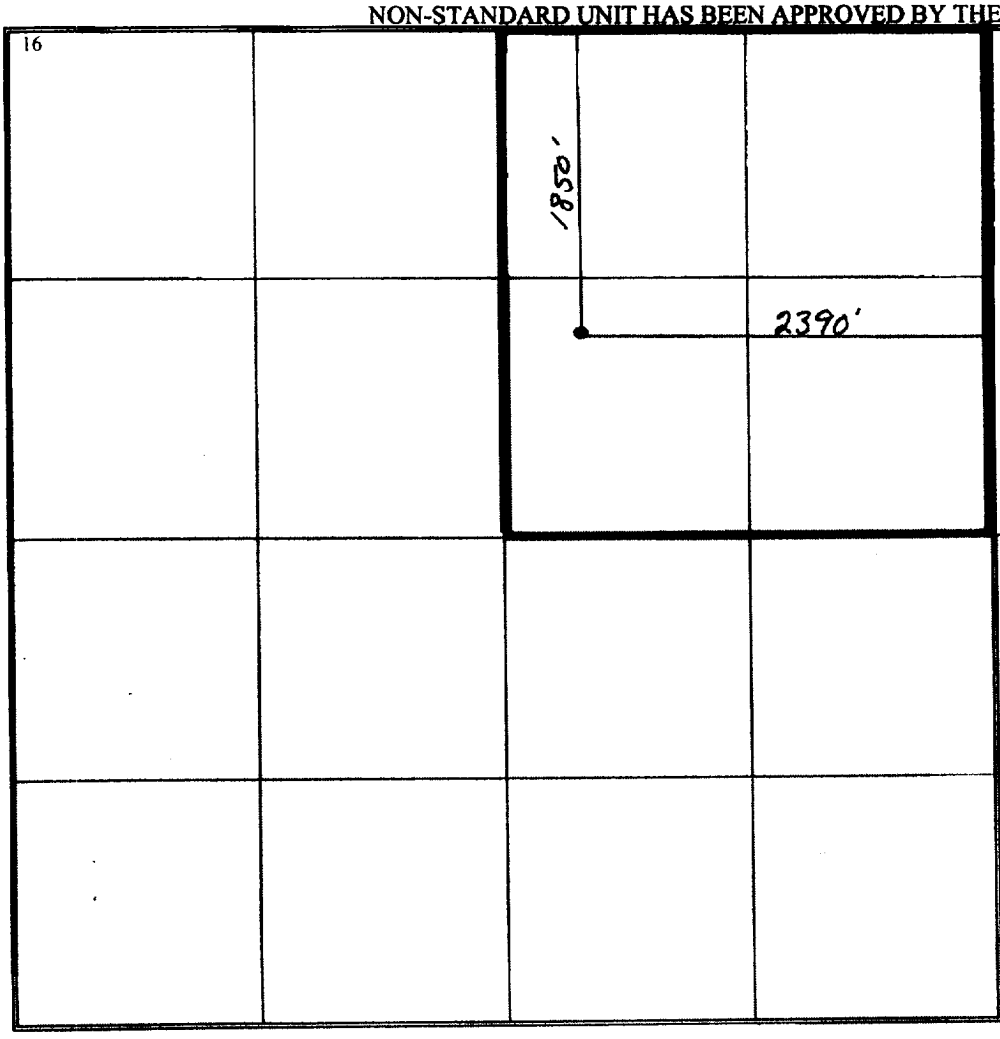
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Unit G	03	26N	04W		1850'	North	2390'	East	Rio Arriba

[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	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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



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Cherry Hlava
Printed Name

Permitting Analyst
Title

07/23/2001
Date

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