

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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

2006 DEC 4 PM 11 20

SUBMIT IN TRIPLICATE - Other instructions on reverse side

5. Lease Serial No.

NM 13860-A

6. If Indian, Allottee or tribe Name

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

8. Well Name and No.

Russell A 5

9. API Well No.

30-045-07168

10. Field and Pool, or Exploratory Area

Blanco Mesaverde/Otero Chacra

11. County or Parish, State

San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR 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	☐ Abandon
	☐ Change Plans	☐ Plug and Abandon	☐ Water Disposal	
	☐ Injection	☐ Plug Back	☒ Other	Downhole Commingling

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.

Approval to DHC was granted by Jim Lovato on 11/14/06. The original DHC Notice of Intent was missing the MV future decline. Please see attached Decline Factor for the MV.

DHC 2431AZ

14. I hereby certify that the foregoing is true and correct			
Name (Printed/typed)	Cherry Hlava	Title	Regulatory Analyst
Signature	<i>Cherry Hlava</i>	Date	11/28/2006
THIS SPACE FOR FEDERAL OR STATE OFFICE USE			
Approved by	<i>Joe Hewitt</i>	Title	Geo
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.		Date	12-8-06
		Office	FDD

NMOC

Russell 5 Future Production Decline Estimate Mesaverde Daily Rates

Month	Gas Volume	Month	Gas Volume	Month	Gas Volume
Oct-1998	3194	Oct-2001	2813	Oct-2004	4326
Nov-1998	4149	Nov-2001	2363	Nov-2004	4166
Dec-1998	4907	Dec-2001	2325	Dec-2004	4284
Jan-1999	3824	Jan-2002	2229	Jan-2005	4233
Feb-1999	3864	Feb-2002	2207	Feb-2005	3859
Mar-1999	4090	Mar-2002	3530	Mar-2005	4156
Apr-1999	3919	Apr-2002	3026	Apr-2005	3826
May-1999	3497	May-2002	3114	May-2005	4022
Jun-1999	3587	Jun-2002	2395	Jun-2005	3169
Jul-1999	4037	Jul-2002	3002	Jul-2005	3858
Aug-1999	4177	Aug-2002	2917	Aug-2005	3042
Sep-1999	3806	Sep-2002	3352	Sep-2005	2970
Oct-1999	3757	Oct-2002	2894	Oct-2005	2056
Nov-1999	3713	Nov-2002	2614	Nov-2005	2496
Dec-1999	3662	Dec-2002	2462	Dec-2005	2410
Jan-2000	3381	Jan-2003	0	Jan-2006	1809
Feb-2000	3299	Feb-2003	1662	Feb-2006	1838
Mar-2000	3587	Mar-2003	3718	Mar-2006	2230
Apr-2000	3383	Apr-2003	3039	Apr-2006	1998
May-2000	3575	May-2003	3085	May-2006	2085
Jun-2000	2845	Jun-2003	2691		
Jul-2000	2954	Jul-2003	2675		
Aug-2000	2559	Aug-2003	2605		
Sep-2000	905	Sep-2003	2388		
Oct-2000	3810	Oct-2003	2589		
Nov-2000	3403	Nov-2003	2564		
Dec-2000	3630	Dec-2003	2957		
Jan-2001	3384	Jan-2004	2930		
Feb-2001	2936	Feb-2004	2595		
Mar-2001	3419	Mar-2004	2864		
Apr-2001	3247	Apr-2004	2690		
May-2001	3328	May-2004	2802		
Jun-2001	2618	Jun-2004	2176		
Jul-2001	3184	Jul-2004	2868		
Aug-2001	3117	Aug-2004	2842		
Sep-2001	3098	Sep-2004	3698		

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decline =	-0.0069585

Month	Gas Volume
Jun-2006	2071
Jul-2006	2056
Aug-2006	2042
Sep-2006	2028
Oct-2006	2014
Nov-2006	2000
Dec-2006	1986
Jan-2007	1972
Feb-2007	1958
Mar-2007	1945
Apr-2007	1931
May-2007	1918
Jun-2007	1905
Jul-2007	1891
Aug-2007	1878
Sep-2007	1865
Oct-2007	1852
Nov-2007	1840
Dec-2007	1827
Jan-2008	1814
Feb-2008	1802
Mar-2008	1789
Apr-2008	1777
May-2008	1764
Jun-2008	1752
Jul-2008	1740
Aug-2008	1728
Sep-2008	1716
Oct-2008	1704
Nov-2008	1692
Dec-2008	1680
Jan-2009	1669
Mar-2009	1657
Apr-2009	1646
May-2009	1634
Jun-2009	1623

Russell 5 Future Production Decline Estimate

Mesaverde Daily Rates

11/28/2006

Month	Gas Volume
Jul-2009	1612
Aug-2009	1601
Sep-2009	1589
Oct-2009	1578
Nov-2009	1567
Dec-2009	1557
Jan-2010	1546
Feb-2010	1535
Mar-2010	1524
Apr-2010	1514
May-2010	1503
Jun-2010	1493
Jul-2010	1483
Aug-2010	1472
Sep-2010	1462
Oct-2010	1452
Nov-2010	1442
Dec-2010	1432
Jan-2011	1422
Feb-2011	1412
Mar-2011	1402
Apr-2011	1393
May-2011	1383
Jun-2011	1373
Jul-2011	1364
Aug-2011	1354
Sep-2011	1345
Oct-2011	1336
Nov-2011	1326
Dec-2011	1317
Jan-2012	1308
Feb-2012	1299
Mar-2012	1290
Apr-2012	1281
May-2012	1272
Jun-2012	1263

Month	Gas Volume
Jul-2012	1255
Aug-2012	1246
Sep-2012	1237
Oct-2012	1229
Nov-2012	1220
Dec-2012	1212
Jan-2013	1203
Feb-2013	1195
Mar-2013	1187
Apr-2013	1178
May-2013	1170
Jun-2013	1162
Jul-2013	1154
Aug-2013	1146
Sep-2013	1138
Oct-2013	1130
Nov-2013	1122
Dec-2013	1115
Jan-2014	1107
Feb-2014	1099
Mar-2014	1092
Apr-2014	1084
May-2014	1076
Jun-2014	1069
Jul-2014	1062
Aug-2014	1054
Sep-2014	1047
Oct-2014	1040
Nov-2014	1032
Dec-2014	1025
Jan-2015	1018
Feb-2015	1011
Mar-2015	1004
Apr-2015	997
May-2015	990
Jun-2015	983

Month	Gas Volume
Jul-2015	977
Aug-2015	970
Sep-2015	963
Oct-2015	956
Nov-2015	950
Dec-2015	943
Jan-2016	937
Feb-2016	930
Mar-2016	924
Apr-2016	917
May-2016	911
Jun-2016	905
Jul-2016	898
Aug-2016	892
Sep-2016	886
Oct-2016	880
Nov-2016	874
Dec-2016	868
Jan-2017	862
Feb-2017	856
Mar-2017	850
Apr-2017	844
May-2017	838
Jun-2017	832
Jul-2017	826
Aug-2017	821
Sep-2017	815
Oct-2017	809
Nov-2017	804
Dec-2017	798
Jan-2018	793
Feb-2018	787
Mar-2018	782
Apr-2018	776
May-2018	771
Jun-2018	765

Month	Gas Volume
Jul-2018	760
Aug-2018	755
Sep-2018	750
Oct-2018	744
Nov-2018	739
Dec-2018	734
Jan-2019	729
Feb-2019	724
Mar-2019	719
Apr-2019	714
May-2019	709
Jun-2019	704
Jul-2019	699
Aug-2019	694
Sep-2019	690
Oct-2019	685
Nov-2019	680
Dec-2019	675
Jan-2020	671
Feb-2020	666
Mar-2020	661
Apr-2020	657
May-2020	652
Jun-2020	648
Jul-2020	643
Aug-2020	639
Sep-2020	634
Oct-2020	630
Nov-2020	626
Dec-2020	621
Jan-2021	617
Feb-2021	613
Mar-2021	608
Apr-2021	604
May-2021	600
Jun-2021	596

Month	Gas Volume
Jul-2021	592
Aug-2021	588
Sep-2021	584
Oct-2021	579
Nov-2021	575
Dec-2021	571
Jan-2022	568
Feb-2022	564
Mar-2022	560
Apr-2022	556
May-2022	552
Jun-2022	548
Jul-2022	544
Aug-2022	541
Sep-2022	537
Oct-2022	533
Nov-2022	529
Dec-2022	526
Jan-2023	522
Feb-2023	518
Mar-2023	515
Apr-2023	511
May-2023	508
Jun-2023	504
Jul-2023	501
Aug-2023	497
Sep-2023	494
Oct-2023	490
Nov-2023	487
Dec-2023	484
Jan-2024	480
Feb-2024	477
Mar-2024	474
Apr-2024	470
May-2024	467
Jun-2024	464