

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO. 30-045-29336
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Florance GC L
8. Well Number 1
9. OGRID Number 000778
10. Pool name or Wildcat Basin Fruitland Coal & Pictured Cliffs

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator BP America Production Company - Attn: Cherry Hlava	
3. Address of Operator P.O. Box 3092 Houston, TX 77253	
4. Well Location Unit Letter <u>N</u> : <u>1190</u> feet from the <u>South</u> line and <u>1450</u> feet from the <u>West</u> line Section <u>20</u> Township <u>28N</u> Range <u>08W</u> NMPM <u>San Juan</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5798' GR	
Pit or Below-grade Tank Application ☐ or Closure ☐	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: Complete into PC & DHC w/Existing Fruitland		OTHER: ☐	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company request permission to complete the subject well into the Blanco Pictured Cliffs Pool and commingle production Downhole with the existing Basin Fruitland Coal as per the attached Procedure.

The Basin Fruitland Coal (71629) and Blanco Pictured Cliffs (72559) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are different, therefore notification is required by copy of this application on 10/11/06. BLM has been notified via FORM 3160-5 NM-03549

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Blanco Pictured Cliffs. 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 Fruitland Coal. Attached is the future production decline estimates for the Blanco Pictured Cliffs.

Commingling Production Downhole in the subject well from the proposed Pools will not reduce the value of the total remaining production.

DHC2452AZ HOLD C104 FOR Blanco PG South for change in status to Florance C LS #16

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

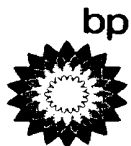
SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 10/10/2006
Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 87 DATE NOV 06 2006

Conditions of Approval (if any):

fed. form on file 8/1/14/06



SJ Basin Well Work Procedure

Well Name: Florance GC L-1
Version: 1.0
Date: October 10, 2006
Repair Type: Pay Add Pictured Cliff's

Objective: Add perforations in Pictured Cliffs and DHC

Perforated Pictured Cliff's and down hole commingle with Fruitland Coal.

Pertinent Information:

Location:	T28N-R8W-Sec 20	API #:	30-045-2933600
County:	San Juan		
State:	New Mexico	Engr:	Richard W. Pomrenke
Horizon:	Pictured Cliffs/Fruitland Coal		ph (281) 366-5023
			Cell (281) 455 8449
			fax (281) 366-0700

Procedure:

1. Rig up Schlumberger and test lubricator 200 psi low and 1500 psi high.
2. Perforate @ 2135'-2145' at 4 SPF using the 1.63" Retrievable Enerjet 4 spf 1.63" EJ HMX with API target penetration 17.8" x .29" hole diameter in 4 ½" casing.
3. Rig down Schlumberger lubricator and release.

Richard W. Pomrenke

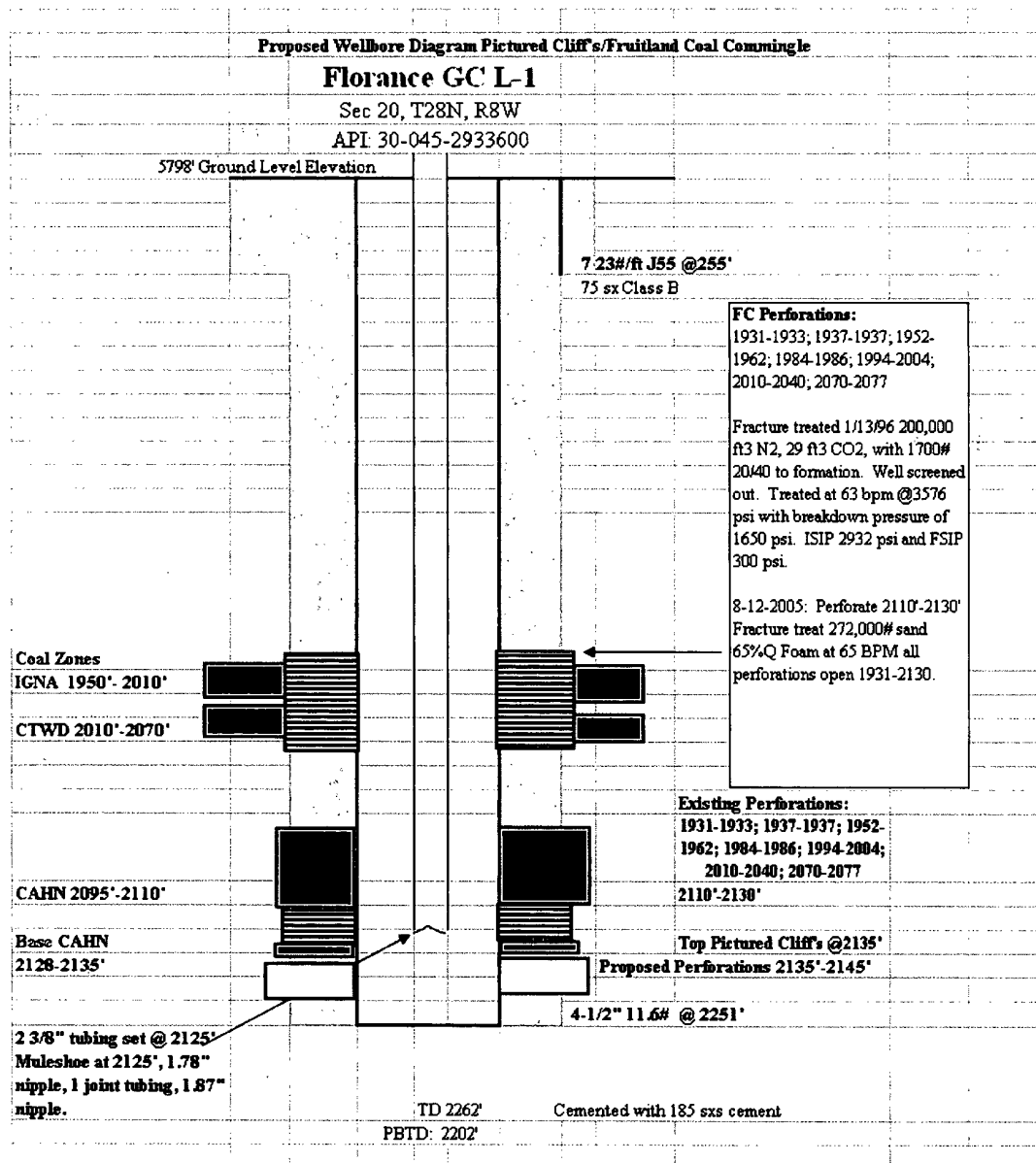
Petroleum Engineer Consultant

19.113

☎ 281-366-5023 office

☎ 281 455 8449 cell

✉ pomrrw@bp.com



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1625 N. French Dr., Hobbs, NM 88240

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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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-29336	² Pool Code 72339 72439	³ Pool Name Blanco Pictured Cliffs <i>South</i>
⁴ Property Code 018325	⁵ Property Name Florance GC L	⁶ Well Number 1
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5793' GR

¹⁰ Surface Location

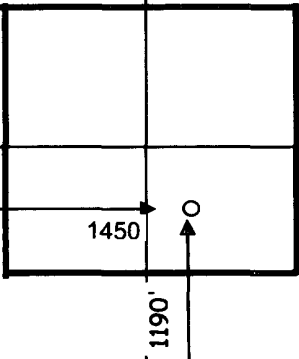
UL or lot no. N	Section 20	Township 28N	Range 08W	Lot Idn	Feet from 1190'	North/South South	Feet from 1450'	East/West West	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
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¹² Dedicated Acres 160	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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Cherry Hlava</i> Signature Cherry Hlava Printed Name Regulatory Analyst Title 10/11/2006 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. previously filed Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

**Florence C LS 16 Future Production Decline Estimate
Pictured Cliffs Daily Rates**

Month	Gas Volume
Apr-1995	2305
May-1995	2282
Jun-1995	2175
Jul-1995	2223
Aug-1995	2221
Sep-1995	2237
Oct-1995	1847
Nov-1995	2521
Dec-1995	1904
Jan-1996	2204
Feb-1996	1962
Mar-1996	2151
Apr-1996	1884
May-1996	789
Jun-1996	464
Jul-1996	1153
Aug-1996	1091
Sep-1996	1192
Oct-1996	1788
Nov-1996	1310
Dec-1996	1143
Jan-1997	900
Feb-1997	522
Mar-1997	439
Apr-1997	222
May-1997	103
Jun-1997	4
Jul-1997	17
Aug-1997	823
Sep-1997	893
Oct-1997	1138
Nov-1997	1090
Dec-1997	986
Jan-1998	1162
Feb-1998	242
Mar-1998	222

Month	Gas Volume
Apr-1998	1241
May-1998	631
Jun-1998	
Jul-1998	
Aug-1998	16
Sep-1998	118
Oct-1998	49
Nov-1998	413
Dec-1998	82
Jan-1999	71
Feb-1999	
Mar-1999	860
Apr-1999	786
May-1999	895
Jun-1999	888
Jul-1999	359
Aug-1999	1130
Sep-1999	1040
Oct-1999	1071
Nov-1999	104
Dec-1999	
Jan-2000	
Feb-2000	1314
Mar-2000	1235
Apr-2000	1096
May-2000	691
Jun-2000	774
Jul-2000	872
Aug-2000	826
Sep-2000	1103
Oct-2000	1178
Nov-2000	1082
Dec-2000	1097
Jan-2001	988
Feb-2001	901
Mar-2001	848

Month	Gas Volume
Apr-2001	818
May-2001	406
Jun-2001	262
Jul-2001	233
Aug-2001	48
Sep-2001	
Oct-2001	
Nov-2001	
Dec-2001	
Jan-2002	
Feb-2002	
Mar-2002	23
Apr-2002	
May-2002	
Jun-2002	
Jul-2002	
Aug-2002	
Sep-2002	
Oct-2002	
Nov-2002	
Dec-2002	
Jan-2003	
Feb-2003	
Mar-2003	
Apr-2003	
May-2003	
Jun-2003	
Jul-2003	
Aug-2003	
Sep-2003	
Oct-2003	
Nov-2003	
Dec-2003	
Jan-2004	
Feb-2004	
Mar-2004	

Month	Gas Volume
Apr-2004	
May-2004	
Jun-2004	
Jul-2004	
Aug-2004	
Sep-2004	
Oct-2004	
Nov-2004	
Dec-2004	
Jan-2005	
Feb-2005	
Mar-2005	
Apr-2005	
May-2005	
Jun-2005	
Jul-2005	
Aug-2005	
Sep-2005	
Oct-2005	
Nov-2005	
Dec-2005	
Jan-2006	

In(Qt/Qi) = -dt.	
Qt=	29
Qi=	77
rate=	29
time=	123
dt=	-0.976509592
decline=	-0.007939102

Month	Gas Volume
Oct-2005	860
Nov-2005	853
Dec-2005	847
Jan-2006	840
Feb-2006	833
Mar-2006	827
Apr-2006	820
May-2006	814
Jun-2006	807
Jul-2006	801
Aug-2006	794
Sep-2006	788
Oct-2006	782
Nov-2006	776
Dec-2006	770
Jan-2007	764
Feb-2007	758
Mar-2007	752
Apr-2007	746
May-2007	740
Jun-2007	734
Jul-2007	728
Aug-2007	722
Sep-2007	717
Oct-2007	711
Nov-2007	705
Dec-2007	700
Jan-2008	694
Feb-2008	689
Mar-2008	683
May-2008	678
Jun-2008	672
Jul-2008	667
Aug-2008	662
Sep-2008	657
Oct-2008	651

Month	Gas Volume
Feb-2009	631
Mar-2009	626
Apr-2009	621
May-2009	616
Jun-2009	611
Jul-2009	607
Aug-2009	602
Sep-2009	597
Oct-2009	592

Florance C LS 16 Future Production Decline Estimate
Pictured Cliffs Daily Rates

Month	Gas Volume
Feb-2012	474
Mar-2012	470
Apr-2012	467
May-2012	463
Jun-2012	459
Jul-2012	456
Aug-2012	452
Sep-2012	449
Oct-2012	445
Nov-2012	442
Dec-2012	438
Jan-2013	435
Feb-2013	431
Mar-2013	428
Apr-2013	424
May-2013	421
Jun-2013	418
Jul-2013	414
Aug-2013	411
Sep-2013	408
Oct-2013	405
Nov-2013	401
Dec-2013	398
Jan-2014	395
Feb-2014	392
Mar-2014	389
Apr-2014	386
May-2014	383
Jun-2014	380
Jul-2014	377
Aug-2014	374
Sep-2014	371
Oct-2014	368
Nov-2014	365
Dec-2014	362
Jan-2015	359

Month	Gas Volume
Feb-2015	356
Mar-2015	354
Apr-2015	351
May-2015	348
Jun-2015	345
Jul-2015	342
Aug-2015	340
Sep-2015	337
Oct-2015	334
Nov-2015	332
Dec-2015	329
Jan-2016	327
Feb-2016	324
Mar-2016	321
Apr-2016	319
May-2016	316
Jun-2016	314
Jul-2016	311
Aug-2016	309
Sep-2016	306
Oct-2016	304
Nov-2016	302
Dec-2016	299
Jan-2017	297
Feb-2017	295
Mar-2017	292
Apr-2017	290
May-2017	288
Jun-2017	285
Jul-2017	283
Aug-2017	281
Sep-2017	279
Oct-2017	276
Nov-2017	274
Dec-2017	272
Jan-2018	270

Month	Gas Volume
Feb-2018	268
Mar-2018	266
Apr-2018	264
May-2018	261
Jun-2018	259
Jul-2018	257
Aug-2018	255
Sep-2018	253
Oct-2018	251
Nov-2018	249
Dec-2018	247
Jan-2019	245
Feb-2019	243
Mar-2019	241
Apr-2019	240
May-2019	238
Jun-2019	236
Jul-2019	234
Aug-2019	232
Sep-2019	230
Oct-2019	228
Nov-2019	227
Dec-2019	225
Jan-2020	223
Feb-2020	221
Mar-2020	220
Apr-2020	218
May-2020	216
Jun-2020	214
Jul-2020	213
Aug-2020	211
Sep-2020	209
Oct-2020	208
Nov-2020	206
Dec-2020	204
Jan-2021	203

Month	Gas Volume
Feb-2021	201
Mar-2021	200
Apr-2021	198
May-2021	196
Jun-2021	195
Jul-2021	193
Aug-2021	192
Sep-2021	190
Oct-2021	189
Nov-2021	187
Dec-2021	186
Jan-2022	184
Feb-2022	183
Mar-2022	181
Apr-2022	180
May-2022	179
Jun-2022	177
Jul-2022	176
Aug-2022	174
Sep-2022	173
Oct-2022	172
Nov-2022	170
Dec-2022	169
Jan-2023	168
Feb-2023	166
Mar-2023	165
Apr-2023	164
May-2023	162
Jun-2023	161
Jul-2023	160
Aug-2023	159
Sep-2023	157
Oct-2023	156
Nov-2023	155
Dec-2023	154
Jan-2024	152