

Sec : 29 Twp : 30N Rng : 08W Section Type : NORMAL

4 32.82 Federal owned A	3 33.19 Federal owned	2 33.56 Federal owned A	1 33.93 Federal owned
5 34.25 Federal owned	6 34.62 Federal owned	7 34.99 Federal owned A	137.84 35.36 Federal owned A A
12 35.69 Federal owned A A	11 36.06 Federal owned	10 36.43 Federal owned A	9 36.81 Federal owned
13 37.12 Federal owned A	14 37.49 Federal owned A	15 37.88 Federal owned A	149.36 38.24 Federal owned A

89,757

287.20

CMD : ONGARD 06/29/04 13:12:28
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TP0E

API Well No : 30 45 31027 Eff Date : 05-20-2002 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 518 FLORANCE

Well No : 046B
GL Elevation: 6236

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : 2 29 30N 08W FTG 663 F N FTG 2021 F E P
Lot Identifier:
Dedicated Acre: 287.20
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD
 OG6ACRE C102-DEDICATE ACREAGE
 06/29/04 13:12:33
 OGOMES -TP0E
 Page No : 1

API Well No : 30 45 31027 Eff Date : 04-30-1991
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 518 FLORANCE
 Spacing Unit : 34286 OCD Order :
 Sect/Twp/Rng : 29 30N 08W Acreage : 287.20 Revised C102? (Y/N) :
 Dedicated Land: Well No : 046B
 Simultaneous Dedication:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	1	29	30N	08W		33.93	N	FD		
J	10	29	30N	08W		36.43	N	FD		
O	15	29	30N	08W		37.88	N	FD		
P	16	29	30N	08W		38.24	N	FD		
B	2	29	30N	08W		33.56	N	FD		
G	7	29	30N	08W		34.99	N	FD		
H	8	29	30N	08W		35.36	N	FD		
I	9	29	30N	08W		36.81	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 06/29/04 13:13:10
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGMES -TP0E
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 31027 Report Period - From : 01 1997 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 31027	FLORANCE	05 02 2	2764	F
30 45 31027	FLORANCE	06 02 30	22626	F
30 45 31027	FLORANCE	07 02 31	22621	F
30 45 31027	FLORANCE	08 02 31	12375	F
30 45 31027	FLORANCE	09 02 30	14648	F
30 45 31027	FLORANCE	10 02 31	13693	F
30 45 31027	FLORANCE	11 02 30	11685	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:13:13
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 31027 Report Period - From : 01 1997 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 31027	FLORANCE	12 02 31	10207	24 F
30 45 31027	FLORANCE	01 03 31	7624	30 F
30 45 31027	FLORANCE	02 03 31	9015	31 F
30 45 31027	FLORANCE	03 03 31	10298	26 F
30 45 31027	FLORANCE	04 03 31	8460	29 P
30 45 31027	FLORANCE	05 03 31	9668	22 P
30 45 31027	FLORANCE	06 03 31	7821	2 P

Reporting Period Total (Gas, Oil) : -----

E0049: User may continue scrolling.
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD :
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

06/29/04 13:13:14
OGOMES -TP0E
Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 31027 Report Period - From : 01 1997 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 31027	FLORANCE	07 03 31	9985	20 P
30 45 31027	FLORANCE	08 03 30	9544	30 P
30 45 31027	FLORANCE	09 03 30	8609	4 P
30 45 31027	FLORANCE	10 03 31	8729	1 P
30 45 31027	FLORANCE	11 03 30	8382	3 P
30 45 31027	FLORANCE	12 03 31	8428	3 P
30 45 31027	FLORANCE	01 04 31	7801	140 P
30 45 31027	FLORANCE			40 P

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPPOOL PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:13:16
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TP0E
 Page No: 4

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 31027 Report Period - From : 01 1997 To : 06 2004

API Well No	Property Name	Prod. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 45 31027	FLORENCE	02 04 29	7000	3
30 45 31027	FLORENCE	03 04 31	7379	3
				P

Reporting Period Total (Gas, Oil) : 239362 539 185

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

Contact: MARY CORLEY
E-Mail: corley@bp.com

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

3b. Phone No. (include area code)
Ph: 281.366.4491
Fx: 281.366.0700

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface Lot 2 750FNL 1490FEL 36.47200 N Lat, 107.41700 W Lon
At proposed prod. zone Lot 2 660FNL 1980FEL 36.47200 N Lat, 107.41700 W Lon

14. Distance in miles and direction from nearest town or post office*
21 MILES FROM BLOOMFIELD, NEW MEXICO

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
750

16. No. of Acres in Lease
287.18

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.

19. Proposed Depth
5708 MD
5638 TVD

21. Elevations (Show whether DF, KB, RT, GL, etc.)
6236 GL

22. Approximate date work will start
04/15/2002

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

24. Attachments

This action is subject to technical and
procedural review pursuant to 43 CFR 3105.8
and 43 CFR 3105.4.

The following, submitted in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this application:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
MARY CORLEY

Date
03/18/2002

Title
AUTHORIZED REPRESENTATIVE

Approved by (Signature)
David J. Markiewicz

Name (Printed/Typed)

Date
4/1/02

Title
AFM

Office
FFO

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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.

Additional Operator Remarks (see next page)

Electronic Submission #10802 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **
HOLD C104 FOR Directional Survey NMOCD

District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-045-31027		2 Pool Code 72319		3 Pool Name Blanco Mesaverde		
4 Property Code 000518		5 Property Name FLORANCE			6 Well Number # 46B	
7 OGRID No. 000778		8 Operator Name BP AMERICA PRODUCTION COMPANY			9 Elevation 6236	

10 Surface Location

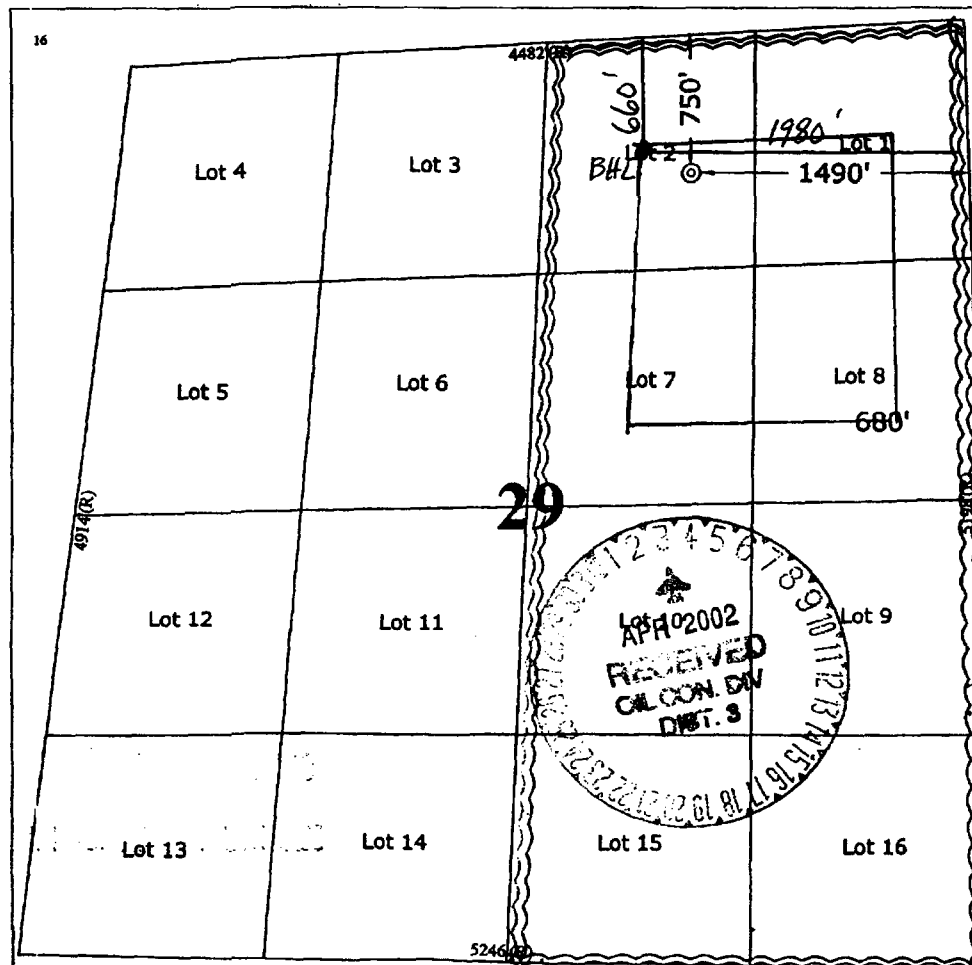
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B (Lot 2)	29	30 N	8 W		750	NORTH	1490	EAST	SAN JUAN

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
Lot 2	29	30 N	8 W		660	NORTH	1980	EAST	SAN JUAN

12 Dedicated Acres 287.10	13 Joint or Infill	14 Consolidation Code	15 Order No.
-------------------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

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

Signature: *Mary Cooley*
Printed Name: **MARY COOLEY**
Title: **Sr. Regulatory Analyst**
Date: **03-18-02**

18 SURVEYOR CERTIFICATION

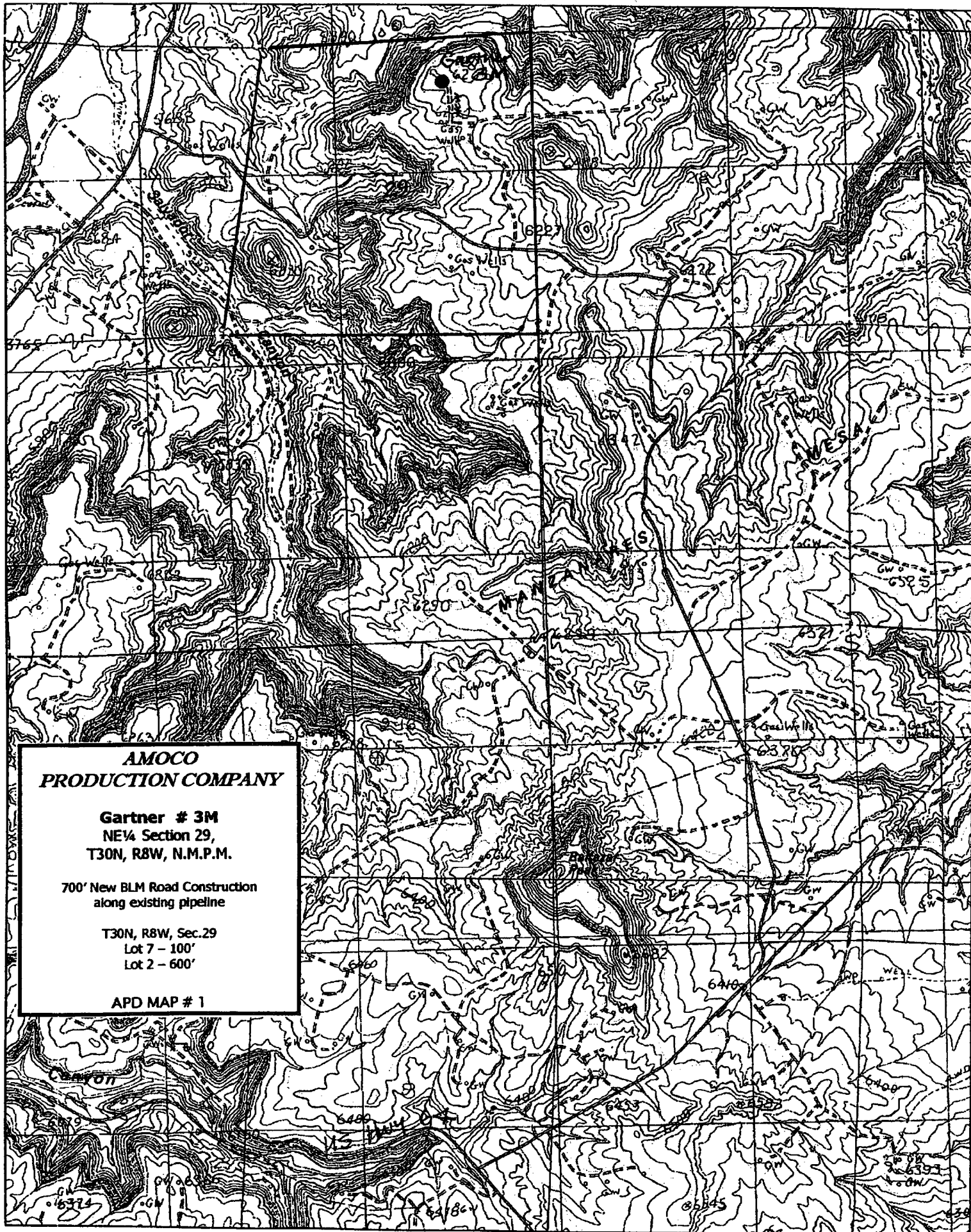
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

July 9, 2001

Date of Survey
Signature and Seal of Professional Surveyor



7016
Certificate Number



**AMOCO
PRODUCTION COMPANY**

**Gartner # 3M
NE 1/4 Section 29,
T30N, R8W, N.M.P.M.**

**700' New BLM Road Construction
along existing pipeline**

**T30N, R8W, Sec.29
Lot 7 - 100'
Lot 2 - 600'**

APD MAP # 1

**AMOCO PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Florance
Lease: Florance
County: San Juan
State: New Mexico
Date: March 18, 2002

Well No: 46B
Surface Location: 29-30N-8W, 750 FNL, 1490 FEL
Field: Blanco Mesaverde
Bottom Location: 29-30N-8W, 660 FNL, 1980 FEL

OBJECTIVE: Drill 50' below the base of the Mancos Shale, set 4 1/2" production liner, Stimulate LS, CH, MF and PL intervals

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Estimated GL: 6236		Estimated KB: 6250	
Rotary	0 - TD				
LOG PROGRAM		MARKER	TVD	MEAS. DEPTH	
TYPE	DEPTH INVERAL	Ojo Alamo	1804	1867	
<u>OPEN HOLE</u>		Kirkland	1999	2067	
None		Fruitland Coal	2606	2676	
		Pictured Cliffs	2981	3051	
		Lewis Shale	3138	3208	
		Cliff House	4704	4774	
		Menefee Shale	4826	4896	
		Point Lookout	5202	5272	
		Mancos	5588	5658	
		#			
		#			
		*			
		*			
		TOTAL DEPTH	5638	5708	
REMARKS:		# Probable completion interval * Possible Pay			
- Please report any flares (magnitude & duration).					
SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		none	Production hole	Geolograph	0-TD
REMARKS:					

MUD PROGRAM:

Approx. Interval	Type Mud	Weight, #/ga	Vis, sec/qt	W/L cc's/30 min	Other Specification
0 - 120	Spud	8.6-9.2			
120 - 2626 (1)	Water/LSND	8.6-9.2		<6	
2626 - 5708	Gas/Air/N2/Mist	Volume sufficient to maintain a stable and clean wellbore			

REMARKS:

(1) The hole will require sweeps to keep unloaded while fresh water drilling. Let hole conditions dictate frequency.

CASING PROGRAM: (Normally, tubular goods allocation letter specifies casing sizes to be used. Hole sizes will be governed by Contract)

Casing String	Estimated Depth	Casing Size	Grade	Weight	Hole Size	Landing Pt, Cmt, Etc.
Surface/Conductor	120	9 5/8"	H-40 ST&C	32#	12.25"	1
Intermediate	2626	7"	J/K-55 ST&C	20#	8.75"	1,2
Production Liner	5708	4 1/2"	J-55	10.5#	6.25"	3, 4

REMARKS:

- (1) Circulate Cement to Surface
- (2) Set casing 50' above Fruitland Coal
- (3) Bring cement 100' above 7" shoe
- (4) 100' Overlap

CORING PROGRAM:

None

COMPLETION PROGRAM:

Rigless, 3-4 Stage Limited Entry Hydraulic Frac

GENERAL REMARKS:

Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

Form 46 Reviewed by: _____ Logging program reviewed by: N/A

PREPARED BY:	APPROVED:	DATE:
HGJ/MNP		11 th March 2002
Form 46 12-00 MNP		Version 1.0

FEDERAL CEMENTING REQUIREMENTS

1. All permeable zones containing fresh water and other usable water containing 10,000 PPM or less total dissolved solids will be isolated and protected from contamination by cement circulated in place for the protection of permeable zones per the NTL-FRA 90-1 Section III A.
2. The hole size will be no smaller than 1 1/2" larger diameter than the casing O.D. across all water zones.
3. An adequate spacer will be pumped ahead of the cement slurry to help prevent mud contamination of the cement.
4. An adequate number of casing centralizers will be run through usable water zones to ensure that the casing is centralized through these zones. The adequate number of centralizers to use will be determined by API SPEC 10D.
5. Centralizers will impart a swirling action around the casing and will be used just below and into the base of the lowest usable water zone.
6. A chronological log will be kept recording the pump and slurry information and will be sent to the BLM with the subsequent sundry.

SAN JUAN BASIN Mesaverde Formation Pressure Control Equipment

Background

The objective Mesaverde formation maximum surface pressure is anticipated to be less than 1000 PSI, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 PSI. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 PSI system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 PSI rated pressure control equipment will typically be utilized in a double ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth. No abnormal temperature, pressure, or Hydrogen Sulfide gas is anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth

11" nominal or 7 1/16", 3000 PSI double ram preventer with rotating head.

All ram type preventers and related control equipment will be hydraulically tested to 250 PSI (low pressure) and 750 PSI (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include Kelly cock, upper Kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure at the appropriate intervals

Cementing Program

Well Name: Florance 46B
 Location: 29-30N-8W, 750 FNL, 1490 FEL
 County: San Juan
 State: New Mexico

Field: Blanco Mesaverde / Basin Dakota
 API No.
 Well Flac
 Formation: MesaVerde
 KB Elev (est) 6250
 GL Elev. (est) 6236

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	120	12.25	9.625	ST&C	Surface	NA	
Intermediate	2626	8.75	7	LT&C	Surface	NA	
Production -	5708	6.25	4.5		2526	NA	

Casing Properties:

(No Safety Factor Included)								
Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface		9.625	32 H-40	3370	1400	254	0.0787	8.845
Intermediate		7	20 K-55	3740	2270	234	0.0405	6.456
Production -		4.5	11.6 J-55	5350	4960	154	0.0155	3.875

Mud Program

Apx. Interval (ft.)	Mud Type	Mud Weight	<u>Recommended Mud Properties Prio Cementing:</u>	
			PV	<20
			YP	<10
			Fluid Los:	<15
0 - SCP	Water/Spud	8.6-9.2		
SCP - ICP	Water/LSND	8.6-9.2		
ICP - ICP2	Gas/Air Mist	NA		
ICP2 - TD	LSND	8.6 - 9.2		

Cementing Program:

	Surface	Intermediate	Production
Excess %, Lead	100	100	40
Excess %, Tail	NA	0	40
BHST (est deg. F)	72	110	159
Time Between Stages, (hr)	NA	NA	NA
Special Instructions	1.6	1.6	2.6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Notes:

*Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	70 sx Class G Cement		75 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		
	0.25 #/sk Cellophane Flake (lost circulation additive)		0.3132 cuft/ft OH
	0.1% D46 antifoam		100 % excess
Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.8	1.16	4.95

Casing Equipment:
 9-5/8", 8R, ST&C
 1 Guide Shoe
 1 Top Wooden Plug
 1 Autofill insert float valve
 Centralizers, 1 per joint except top joint

Cementing Program

1 Stop Ring
1 Thread Lock Compound

Intermediate:

Fresh Water	20 bbl	fresh water	
Lead	240 sx Class "G" Cement		624 cuft
Slurry 1	+ 3% D79 extender		
TOC@Surface	+1/4 #/sk. Cellophane Flake		
	+ 0.1% D46 antifoam		
Tail	60 sx 50/50 Class "G"/Poz		
Slurry 2	+ 2% gel (extender)		75 cuft
	0.1% D46 antifoam		
500 ft fill	+1/4 #/sk. Cellophane Flake		0.1503 cuft/ft OH
	+ 2% S1 Calcium Chloride		0.1746 cuft/ft csg ann
			80 % excess

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	11.7	2.61	17.77
Slurry 2	13.5	1.27	5.72

Casing Equipment: 7", 8R, ST&C

1 Float Shoe
1 Float Collar
1 Stop Ring
Centralizers, one every other joint to base of Ojo
2 Turbolizers across Ojo
Centralizers, one every 4th joint from Ojo to base of surface casing
1 Top Rubber Plug
1 Thread Lock Compound

Production:

Fresh Water	10 bbl	CW100	
Slurry	190 LiteCrete D961 / D124 / D154		459 cuft
	+ 0.03 gps D47 antifoam		
	+ 0.5% D112 fluid loss		
TOC@Liner Top	+ 0.11% D65 TIC		

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)	0.1026 cuft/ft OH
				40 % excess
Slurry	9.5	2.52	6.38	0.1169 cuft/ft csg ann

Casing Equipment: 4-1/2", 8R, ST&C

1 Float Shoe (autofill with minimal LCM in mud)
1 Float Collar (autofill with minimal LCM in mud)
1 Stop Ring
Centralizers, every 4th joint in mud drilled holes, none in air drilled holes
1 Top Rubber Plug
1 Thread Lock Compound

~~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. FLORANCE 46B
2. Name of Operator BP AMERICA PRODUCTION COMPANY		9. API Well No. 30-045-31027
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	10. Field and Pool, or Exploratory BLANCO MESAVERDE
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T30N R8W NWNE 750FNL 1490FEL 36.47200 N Lat, 107.41700 W Lon		11. County or Parish, and State SAN JUAN 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	☒ Other Drilling Operations	
	☐ 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 recomplate 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.)

APD ROW APD ROW WELL DIRECTIONALLY DRILLED

MIRU Drilling Unit. @ 00.15 Hrs on 04/23/2002 Spud a 13 1/2" surface hole. Drilled to 150'. RU & ran 9 5/8", 32.3# H-40 surface CSG to 145'. CMT w/125 SXS CLS G w/3% calc 2, density 15.8#GAL, 1.16 CUFT/SX yield. Circ 10 BBLS CMT to pit. NU BOP & test 750# high, 250# low. Test OK

Drilled out CMT. Drilled a 8 3/4" hole to 2629'. RU & set 7", 20# & 23#, J-55 CSG to 2624'. CMT w/266 SXS CLS G, 11.7 PPG, 2.63 CUFT/SX YIELD, W/15.3 GAL/SW WTR, Lead and 65 SXS 50/50 POZ CMT 13.5 PPG, 1.27 CUFT/SX YIELD W/5.72 GAL/SX WTR, Tail. 100% Returns. 54 BBLS CMT to pit. Tst to 1500# high. 250# low. Test OK.

Drill out CMT. Drilled a 6 1/4" hole to 5708'. TD @ 21.30 hrs on 04/28/2002. RU & set 4 1/2".

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

Electronic Submission #11154 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name(Printed/Typed) MARY CORLEY

Title **AUTHORIZED REPRESENTATIVE**

Signature

(Electronic Submission)

Date 05/01/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date _____

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 ** ORIGINAL ***

NMOC

Additional data for EC transaction #11154 that would not fit on the form

32. Additional remarks, continued

11.6#, J-55, production liner to 5707'. CMT w/190 SXS of Litecrete 9.5 PPG, w/6.38 GAL/SX WTR, 2.51 CUFT/SX. 14 BBLs good CMT circ to pit. Pressure test to 700#. Test OK. TOL @ 2507'. TOC 2507'.

RDMOSU Rig release @ 21.00 hrs 04/29/2002

District I * State of New Mexico
 PO Box 1980, Hobbs, NM 88241- Energy, Minerals & Natural Resources Department
 District II
 811 South First, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM
 District IV
 2040 South Pacheco, Santa Fe, NM

Form C-104
 Revised October 18, 1994
 Instructions on back
 Submit to Appropriate District Office
 5 Copies

OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address BP America Production Company P.O. Box 3092 Attention: Mary Corley Houston, TX 77253		² OGRID Number 000778
		³ Reason for Filing Code New Completion
⁴ API Number 30 - 045 - 31027	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72319
⁷ Property Code 000518	⁸ Property Name Florance	⁹ Well Number 46B

II 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
B	29	30N	08W		750'	North	1490'	East	San Juan

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	29	30N	08W		660'	North	1890'	East	San Juan

¹² Lse Code F (Federal)	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
---------------------------------------	--	-----------------------------------	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
151618	EL PASO FIELD SERVICES BOX 4490 FARMINGTON, NM 87499	2832107	G	
9018	GIANT REFINING CO P.O. BOX 12999 SCOTTSDALE, AZ 85267	2832108	O	

IV. Produced Water

²³ POD 2832108	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date 04/23/2002	²⁶ Ready Date 05/20/2002	²⁷ TD 5708'	²⁸ PSTD 5620'	²⁹ Perforations 4603' - 5518'	³⁰ DHC, DC, MC
³¹ Hole Size 13 1/2"	³² Casing & Tubing Size 9 5/8" 32.3#	³³ Depth Set 145'	³⁴ Sacks Cement 125 SXS CMT		
8 3/4"	7" 20 & 23#	2624'	331 SXS CMT		
6 1/4"	4 1/2" 10.5#	5707'	190 SXS CMT		
(Tubing)	2 3/8"	5306'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 05/19/2002	³⁸ Test Length 8 hrs	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure 230#
⁴¹ Choke Size 3/4"	⁴² Oil Trace	⁴³ Water Trace	⁴⁴ Gas 1188 MCF	⁴⁵ AOF	⁴⁶ Test Method F

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Mary Corley*

Printed name: Mary Corley

Title: Senior Regulatory Analyst

Date: 05/21/2002

Phone: 281-366-4491

OIL CONSERVATION DIVISION

Approved by: *CHARLIE T. PIERSON*

Title: DEPUTY OIL & GAS INSPECTOR, DIST. 10

Approval Date: JUN - 4 2002

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF079511A

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.		7. Unit or CA Agreement Name and No. NMMN73315	
2. Name of Operator BP AMERICA PRODUCTION CO		8. Lease Name and Well No. FLORANCE 46B	
3. Address P. O. BOX 3092 HOUSTON, TX 77253		9. API Well No. 30-045-31027-00-X1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE Lot 2 750FNL 1490FEL 36.47200 N Lat, 107.41700 W Lon At top prod interval reported below At total depth NWNE Lot 2 660FNL 1980FEL 36.47200 N Lat, 107.41700 W Lon		10. Field and Pool, or Exploratory BLANCO MESAVERDE	
14. Date Spudded 04/23/2002		15. Date T.D. Reached 04/28/2002	
16. Date Completed ☐ D & A ☒ Ready to Prod. 05/20/2002		17. Elevations (DF, KB, RT, GL)* 6236 GL	
18. Total Depth: MD 5708 TVD 5628		19. Plug Back T.D.: MD 5620 TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) TDT	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13.500	9.625 H-40	32.0	0	145		125		0	
8.750	7.000 J-55	20.0	0	2624		331			
6.250	4.500 J-55	12.0	2524	5707		190			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5306							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4603	5518	4603 TO 5044	3.130	67	
B)			5127 TO 5518	3.130	63	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4603 TO 5044	1140577# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N
5127 TO 5518	119,507# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/19/2002	05/19/2002	8	→	1.0	1188.0	0.0			FLOWS FROM WELL
Choke Size	Thg. Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		230.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #11436 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

WACOD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Coke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Coke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAN JOSE	0	385		PICTURED CLIFFS	3023
NACIMIENTO	385	1738		LEWIS SHALE	3251
OJO ALAMO	1738	1915		CLIFF HOUSE	4533
MESAVERDE	4603	5518		MENEFEE	4785
				POINT LOOKOUT	5224
				MANCOS	5608

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #11436 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Geneva McDougall on 05/22/2002 (02GXM0168SE)

Name (please print) MARY CORLEYTitle AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

MAY 23 2002Date 05/22/2002

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.

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

FLORANCE 46B
COMPLETION SUBSEQUENT REPORT
05/21/2002

05/01/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK. RU & run TDT log from TD to liner shoe.

05/07/2002 RU & Perf Point Lookout & Lower Menefee with 1 SPF, 120° phasing as follows:
5518', 5515', 5005', 5493', 5486', 5474', 5472', 5466', 5446', 5442', 5438', 5424', 5411',
5408', 5384', 5382', 5377', 5374', 5368', 5362', 5356', 5352', 5348', 5339', 5336', 5333',
5330', 5321', 5316', 5305', 5302', 5299', 5292', 5288', 5282', 5272', 5266', 5260', 5257',
5252', 5248', 5244', 5234', 5227', 5218', 5214', 5208', 5204', 5198', 5195', 5192', 5186',
5182', 5173', 5169', 5165', 5160', 5155', 5150', 5139', 5137', 5131', 5127'

05/08/2002 RU & Frac w/119,507# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5082'. RU & perf Upper Menefee & Cliffhouse with 1 SPF, 120° phasing as follows:

5044', 5036', 5031', 5028', 4999', 4993', 4989', 4986', 4983', 4976', 4970', 4956', 4952',
4949', 4945', 4941', 4934', 4931', 4924', 4920', 4918', 4913', 4903', 4899', 4894', 4888',
4868', 4852', 4840', 4835', 4827', 4816', 4809', 4806', 4801', 4798', 4787', 4782', 4776',
4768', 4760', 4754', 4748', 4742', 4738', 4718', 4714', 4704', 4700', 4692', 4687', 4676',
4674', 4670', 4665', 4661', 4652', 4649', 4640', 4634', 4630', 4627', 4623', 4619', 4613',
4607', 4603'

RU & Frac w/1140577# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head thru 1/4" choke to pit. For 8 hrs. Upsized choke to 1/2" & flowback 16 hrs..

05/09/2002 Open well on 1/2" choke for 8 hrs. Upsized choke to 3/4" & flow back 12 hrs.

05/10/2002 Open well on 1/2" choke for 8 hrs. Upsized choke to 3/4" & flow back 12 hrs.

05/13/2002 Blow down well. Flow back well thru 3/4" choke w/watchman to pit.

05/14/2002 ND Frac valve, NU BOP. TIH & tag fill @ 4790'. C/O to CIBP 5082'. DO CIBP. PU above liner & flow well on 3/4" choke w/watchman.

05/15/2002 Flow well thru 3/4" choke – flowing back N2 foam. TIH to & C/O to PBTD @ 5620'. PU above TOL & flowback well to pit.

05/16/2002 TIH & tag 58' of fill. C/O to PBTD. PU above TOL & flowback well w/watchman thru 3/4" choke.

05/17/2002 Flowback well w/watchman thru 3/4" choke. TIH & tag 38' of fill. C/O to PBTD & PU above TOL. Flow well to pit.

05/18/2002 @ 0600 hrs shut well in for 18 hrs.

05/19/2002 RU & flow test well 8 hrs. thru 3/4" choke. 1188 MCF Gas, trace WTR, Trace oil.

05/20/2002 TIH & tag fill @ 5612'. C/O to PBTD. TOH. TIH w/ 2 3/8" production TBG & land @ 5306'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 17:00 hrs.

MAY 23 2002

MAY 23 2002

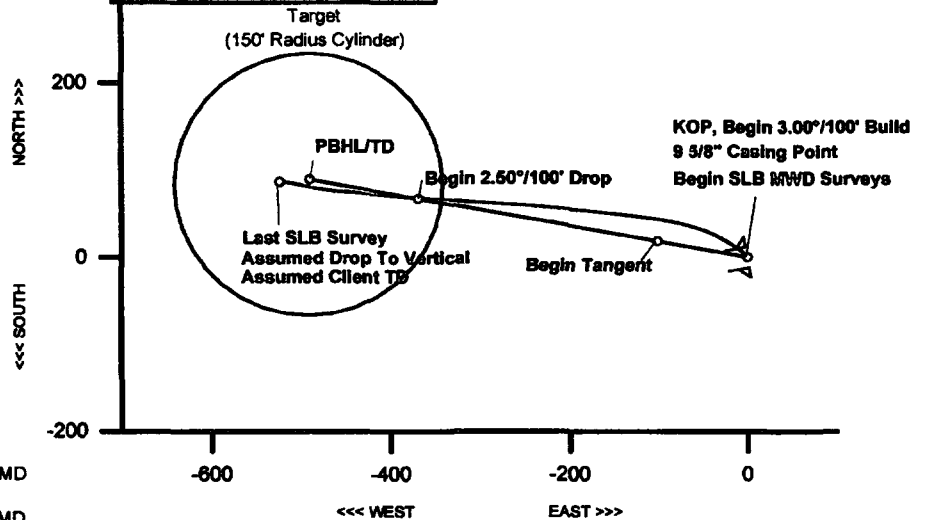
WELL Florance 46B	FIELD San Juan County, New Mexico	RIG Aztec 184
----------------------	--------------------------------------	------------------



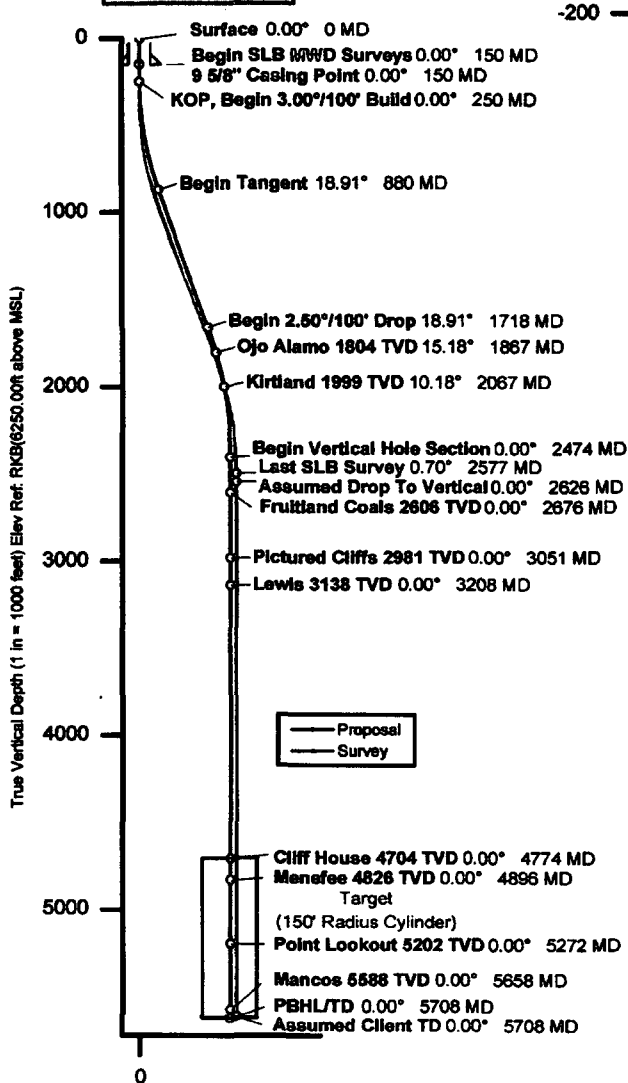
True North

No Certified Plat

PLAN VIEW Scale (1 in = 200 feet)



Vertical Section View



Vertical Section Departure at 280.41 deg from (0.0, 0.0). (1 in = 1000 feet)

Quality Control
Data Drawn: 13-May-2002
Drawn by: John O'Keefe
Checked by: Allen Starkey
Client OK: _____

Survey Report - Standard

Report Date: 13-May-2002 Client: BP, San Juan Performance Unit Field: NM, San Juan County Structure / Slot: BP 29 30N 8W (Florance 46B) No Certified Plat / Florance 46B Well: Florance 46B Borehole: Original Hole UWI / API#: Survey Name / Date: Florance 46B Final Surveys / May 5, 2002 Tort / AHD / DDI / ERD ratio: 51.560° / 1622.52 ft / 4.929 / 0.288 Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet Location Lat / Long: Location Grid N/E Y/X: Grid Convergence Angle: Grid Scale Factor:	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 280.410° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 6250.000 ft relative to MSL Sea Bed / Ground Level Elevation: 6236.000 ft relative to MSL Magnetic Declination: Total Field Strength: Magnetic Dip: Declination Date: Magnetic Declination Model: North Reference: True North Total Corr Mag North -> True North: Local Coordinates Referenced To: Well Head
--	---

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-79.6 M
Begin SLB MWD Surveys	150.00	0.00	280.41	150.00	0.00	0.00	0.00	0.00	0.00	0.00	79.0 M
	204.00	0.47	79.02	204.00	-0.21	0.04	0.22	0.22	79.02	0.87	67.0 M
	234.00	0.36	66.97	234.00	-0.40	0.10	0.42	0.44	76.44	0.47	-9.0 M
	265.00	0.22	350.97	265.00	-0.46	0.20	0.51	0.54	68.47	1.21	-34.1 M
	296.00	0.62	325.89	296.00	-0.32	0.40	0.40	0.56	45.35	1.39	-51.3 M
	327.00	1.06	308.67	326.99	0.05	0.72	0.08	0.72	6.69	1.62	-45.2 M
	358.00	1.51	314.77	357.99	0.64	1.18	-0.43	1.26	340.01	1.52	-49.3 M
	392.00	2.28	310.74	391.97	1.59	1.94	-1.26	2.31	326.97	2.30	-49.4 M
	423.00	3.06	310.61	422.93	2.84	2.88	-2.36	3.72	320.72	2.52	-47.0 M
	455.00	3.97	312.95	454.87	4.51	4.19	-3.82	5.67	317.69	2.88	-50.2 M

486.00	4.80	309.84	485.78	6.54	5.75	-5.60	8.03	315.79	2.78	-49.2 M
518.00	5.74	310.75	517.65	9.09	7.65	-7.84	10.96	314.33	2.95	-16.9 G
550.00	6.66	308.36	549.46	12.11	9.85	-10.50	14.40	313.16	2.99	-35.4 G
581.00	7.32	304.76	580.23	15.50	12.09	-13.54	18.15	311.78	2.55	-22.8 G
613.00	8.30	301.94	611.93	19.50	14.48	-17.17	22.46	310.13	3.29	-4.9 G
645.00	9.42	301.35	643.55	24.10	17.06	-21.37	27.34	308.61	3.51	-33.3 G
676.00	10.24	298.37	674.09	29.09	19.69	-25.96	32.58	307.18	3.11	-5.8 G
708.00	11.35	297.80	705.53	34.80	22.51	-31.25	38.51	305.77	3.48	-22.9 G
740.00	12.26	296.00	736.85	41.08	25.47	-37.09	44.99	304.48	3.07	-44.1 G
772.00	12.84	293.52	768.09	47.81	28.38	-43.40	51.85	303.18	2.47	-47.3 G
805.00	13.51	290.50	800.22	55.18	31.19	-50.37	59.25	301.77	2.91	-21.6 G
836.00	14.61	288.78	830.29	62.61	33.72	-57.47	66.63	300.40	3.80	-54.4 G
868.00	15.19	285.79	861.21	70.78	36.16	-65.32	74.66	298.97	3.01	-22.9 G
900.00	16.17	284.31	892.02	79.40	38.40	-73.67	83.08	297.53	3.31	-36.0 G
931.00	16.95	282.39	921.74	88.22	40.44	-82.27	91.67	296.17	3.07	-38.3 G
963.00	17.76	280.32	952.28	97.77	42.31	-91.63	100.93	294.79	3.18	-33.1 G
994.00	18.74	278.35	981.72	107.47	43.88	-101.21	110.31	293.44	3.74	-13.3 G
1026.00	19.56	277.77	1011.95	117.96	45.35	-111.60	120.46	292.12	2.63	-52.2 G
1090.00	19.71	277.20	1072.23	139.44	48.15	-132.92	141.38	289.91	0.38	-23.0 G
1153.00	20.10	276.72	1131.46	160.85	50.75	-154.21	162.35	288.22	0.67	-15.6 G
1278.00	21.54	275.63	1248.30	205.15	55.52	-198.38	206.01	285.63	1.19	-180.0 G
1340.00	20.60	275.62	1306.15	227.36	57.70	-220.57	227.99	284.66	1.52	-58.1 G
1436.00	20.99	273.91	1395.90	261.27	60.53	-254.53	261.63	283.38	0.75	-175.9 G
1497.00	19.58	273.61	1453.11	282.28	61.92	-275.63	282.50	282.66	2.32	33.0 G
1592.00	19.96	274.33	1542.52	314.21	64.14	-307.68	314.30	281.78	0.48	-3.9 G
1656.00	20.95	274.14	1602.48	336.45	65.79	-329.99	336.48	281.28	1.55	-176.3 G
1719.00	19.71	273.90	1661.55	358.20	67.33	-351.82	358.21	280.83	1.97	169.9 G
1783.00	19.07	274.25	1721.92	379.32	68.84	-373.02	379.32	280.46	1.02	115.1 G
1815.00	18.99	274.78	1752.17	389.69	69.66	-383.42	389.69	280.30	0.60	159.6 G
1846.00	18.29	275.61	1781.55	399.56	70.56	-393.29	399.56	280.17	2.41	136.6 G
1878.00	18.02	276.44	1811.95	409.50	71.60	-403.20	409.51	280.07	1.17	-147.0 G
1910.00	17.42	275.13	1842.44	419.21	72.58	-412.89	419.22	279.97	2.25	157.8 G

1942.00	16.88	275.89	1873.01	428.61	73.49	-422.28	428.63	279.87	1.83	-160.1 G
1974.00	16.58	275.51	1903.66	437.79	74.41	-431.45	437.82	279.78	1.00	-154.5 G
2006.00	16.00	274.50	1934.37	446.73	75.19	-440.39	446.76	279.69	2.02	-173.1 G
2037.00	14.78	273.92	1964.26	454.91	75.80	-448.59	454.95	279.59	3.97	159.7 G
2069.00	14.00	275.12	1995.26	462.82	76.42	-456.52	462.87	279.50	2.61	142.8 G
2101.00	13.48	276.83	2026.34	470.39	77.21	-464.08	470.46	279.45	2.06	152.6 G
2132.00	12.89	278.21	2056.53	477.45	78.13	-471.09	477.53	279.42	2.16	165.3 G
2164.00	11.74	279.70	2087.79	484.28	79.19	-477.83	484.35	279.41	3.73	169.4 G
2195.00	11.18	280.24	2118.17	490.44	80.26	-483.90	490.51	279.42	1.84	151.5 G
2226.00	10.66	281.78	2148.61	496.31	81.38	-489.66	496.38	279.44	1.92	158.5 G
2258.00	9.81	283.76	2180.10	501.99	82.63	-495.21	502.05	279.47	2.87	-166.7 G
2290.00	8.97	282.48	2211.67	507.20	83.82	-500.29	507.26	279.51	2.70	179.5 G
2321.00	8.00	282.54	2242.33	511.77	84.81	-504.76	511.83	279.54	3.13	-159.0 G
2353.00	7.19	280.03	2274.05	516.00	85.64	-508.90	516.06	279.55	2.73	-159.2 G
2384.00	6.49	277.66	2304.83	519.69	86.21	-512.55	519.75	279.55	2.43	-170.9 G
2416.00	5.44	275.89	2336.66	523.01	86.61	-515.85	523.07	279.53	3.33	168.5 G
2447.00	4.45	278.50	2367.54	525.68	86.94	-518.50	525.74	279.52	3.27	-82.2 M
2478.00	3.21	277.75	2398.47	527.75	87.23	-520.55	527.81	279.51	4.00	-88.6 M
2508.00	2.15	271.36	2428.44	529.14	87.36	-521.95	529.21	279.50	3.67	-102.4 M
2540.00	1.24	257.57	2460.42	530.05	87.30	-522.88	530.12	279.48	3.10	-115.0 M
2577.00	0.70	245.04	2497.42	530.61	87.12	-523.48	530.68	279.45	1.56	-115.0 M
2626.00	0.00	245.04	2546.42	530.85	86.99	-523.75	530.93	279.43	1.43	-115.0 M
5708.00	0.00	245.04	5628.42	530.85	86.99	-523.75	530.93	279.43	0.00	---
Assumed Client TD										

Last SLB Survey

Assumed Drop To Vertical

Survey Error Model: Wolff & deWardt 1.0000 sigma

Surveying Programme:

<u>MD From (ft)</u>	<u>MD To (ft)</u>	<u>EQU Freq</u>	<u>Survey Tool Type</u>
0.00	2626.00	Act-Stns	Anadrill MWD
2626.00	5708.00	Act-Stns	Poor Mag

CMD : ONGARD 06/29/04 13:14:13
 OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TP0E

API Well No : 30 45 22351 Eff Date : 01-01-1978 WC Status : A
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
 Prop Idn : 518 FLORANCE

Well No : 046A
 GL Elevation: 6173

U/L Sec Township Range North/South East/West Prop/Act (P/A)

 B.H. Locn : 10 29 30N 08W FTG 1450 F S FTG 1515 F E P
 Lot Identifier:
 Dedicated Acre: 287.20
 Lease Type : F
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD 06/29/04 13:14:17
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TP0E
 Page No : 1

API Well No : 30 45 22351 Eff Date : 04-30-1991
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 Prop Idn : 518 FLORANCE Well No : 046A
 Spacing Unit : 34286 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : 29 30N 08W Acreage : 287.20 Revised C102? (Y/N) :
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	1	29	30N	08W	33.93	N	FD			
J	10	29	30N	08W	36.43	N	FD			
O	15	29	30N	08W	37.88	N	FD			
P	16	29	30N	08W	38.24	N	FD			
B	2	29	30N	08W	33.56	N	FD			
G	7	29	30N	08W	34.99	N	FD			
H	8	29	30N	08W	35.36	N	FD			
I	9	29	30N	08W	36.81	N	FD			

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL
06/29/04 13:14:25
OGOMES -TP0E
Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 22351 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY	Prod	Gas	Oil	Water	Well Stat
30	45 22351 FLORANCE	01 03	31	6642	11	45	P
30	45 22351 FLORANCE	02 03	31	5699	27	40	F
30	45 22351 FLORANCE	03 03	31	6014	11	40	F
30	45 22351 FLORANCE	04 03	31	7202	5		F
30	45 22351 FLORANCE	05 03	31	6652	3		P
30	45 22351 FLORANCE	06 03	31	6493			P
30	45 22351 FLORANCE	07 03	31	7237			P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:14:28
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TP0E
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 22351 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	45 22351 FLORANCE	08 03 31	6925	P
30	45 22351 FLORANCE	09 03 30	6461	P
30	45 22351 FLORANCE	10 03 31	6873	P
30	45 22351 FLORANCE	11 03 20	4594	P
30	45 22351 FLORANCE	12 03 30	4139	P
30	45 22351 FLORANCE	01 04 31	5178	P
30	45 22351 FLORANCE	02 04 29	4724	P
Reporting Period Total (Gas, Oil) :			90837 87 244	

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:14:29
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 22351 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 45 22351	FLORENCE	03 04 31	6004	16 79 P

Reporting Period Total (Gas, Oil) : 90837 87 244

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:14:49
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TP0E

API Well No : 30 45 24153 Eff Date : 05-03-2001 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 588 GARTNER

Well No : 003
GL Elevation: 6183

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : 16 29 30N 08W FTG 1030 F S FTG 1040 F E P
Lot Identifier:
Dedicated Acre: 287.20
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

06/29/04 13:14:55
OGOMES -TP0E
Page No : 1

API Well No : 30 45 24153 Eff Date : 04-30-1991
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 588 GARTNER
Spacing Unit : 34286 OCD Order :
Sect/Twp/Rng : 29 30N 08W Acreage : 287.20 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn

A	1	29	29	30N	08W	33.93	N	FD	
J	10	29	29	30N	08W	36.43	N	FD	
O	15	29	29	30N	08W	37.88	N	FD	
P	16	29	29	30N	08W	38.24	N	FD	
B	2	29	29	30N	08W	33.56	N	FD	
G	7	29	29	30N	08W	34.99	N	FD	
H	8	29	29	30N	08W	35.36	N	FD	
I	9	29	29	30N	08W	36.81	N	FD	

E0005: Enter data to modify or PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 06/29/04 13:15:03
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24153 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 24153	GARTNER	01 03 31	2831 19 66	F
30 45 24153	GARTNER	02 03 31	2819 5	F
30 45 24153	GARTNER	03 03 31	5184 1	F
30 45 24153	GARTNER	04 03 31	3309 10	F
30 45 24153	GARTNER	05 03 31	2397 3	F
30 45 24153	GARTNER	06 03 31	1651 1	F
30 45 24153	GARTNER	07 03 31	2077 1	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:15:05
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 24153 Report Period - From : 01 2003 To : 06 2004

API Well No		Property Name	Prodn. Days		Production Volumes			Well
			MM/YY	Prod	Gas	Oil	Water	Stat
30	45	24153 GARTNER	08	03 31	1824	2		F
30	45	24153 GARTNER	09	03 30	1867	1		F
30	45	24153 GARTNER	10	03 31	1828	1		F
30	45	24153 GARTNER	11	03 30	2684			F
30	45	24153 GARTNER	12	03 31	2897			F
30	45	24153 GARTNER	01	04 31	2893	8	30	F
30	45	24153 GARTNER	02	04 29	1269	2		F

Reporting Period Total (Gas, Oil) : 37637 56 96

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:15:06
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TP0E
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 24153 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat	Well
30 45 24153	GARTNER	03 04 31	2107	2 F

Reporting Period Total (Gas, Oil) : 37637 56 96

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:13:34
OG6IWCN INQUIRE WELL COMPLETIONS OGOMES -TP0E

API Well No : 30 45 9190 Eff Date : 01-01-1900 WC Status : A
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
Prop Idn : 518 FLORANCE

Well No : 046
GL Elevation: 6193

U/L Sec Township Range North/South East/West Prop/Act (P/A)

B.H. Locn : 8 29 30N 08W FTG 1650 F N FTG 950 F E P
Lot Identifier:
Dedicated Acre: 287.20
Lease Type : F
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD : ONGARD
OG6ACRE C102-DEDICATE ACREAGE

06/29/04 13:13:39
OGOMES -TP0E
Page No : 1

API Well No : 30 45 9190 Eff Date : 04-30-1991
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 518 FLORANCE
Spacing Unit : 34286 OCD Order :
Sect/Twp/Rng : 29 30N 08W Acreage : 287.20 Revised C102? (Y/N) :
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	1	29	30N	08W		33.93	N	FD		
J	10	29	30N	08W		36.43	N	FD		
O	15	29	30N	08W		37.88	N	FD		
P	16	29	30N	08W		38.24	N	FD		
B	2	29	30N	08W		33.56	N	FD		
G	7	29	30N	08W		34.99	N	FD		
H	8	29	30N	08W		35.36	N	FD		
I	9	29	30N	08W		36.81	N	FD		

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD : ONGARD 06/29/04 13:13:51
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 9190 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 9190	FLORANCE	01 03 31	6880 16 35	F
30 45 9190	FLORANCE	02 03 31	6627 27 30	F
30 45 9190	FLORANCE	03 03 31	7233 8 40	F
30 45 9190	FLORANCE	04 03 31	6751 22 40	F
30 45 9190	FLORANCE	05 03 31	6947 19 40	P
30 45 9190	FLORANCE	06 03 31	6486 2 40	P
30 45 9190	FLORANCE	07 03 31	6796 29 40	P

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:13:54
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TP0E
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)

API Well No : 30 45 9190 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45	9190 FLORANCE	08 03 31	6569 14	35 P
30 45	9190 FLORANCE	09 03 30	6593 14	P
30 45	9190 FLORANCE	10 03 31	7211 4	45 P
30 45	9190 FLORANCE	11 03 30	6964 6	P
30 45	9190 FLORANCE	12 03 31	6804 4	79 P
30 45	9190 FLORANCE	01 04 31	6377 37	P
30 45	9190 FLORANCE	02 04 29	6274 1	P

Reporting Period Total (Gas, Oil) : 101216 203 334

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 06/29/04 13:13:55
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TP0E
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 9190 Report Period - From : 01 2003 To : 06 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat
30 45	9190 FLORANCE	03 04 31	6704 30 P

Reporting Period Total (Gas, Oil) : 101216 203 334

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12