

Sec : 18 Twp : 30N Rng : 08W Section Type : NORMAL

1 15.82 Federal owned	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned A A C
2 15.84 Federal owned	F 40.00 Federal owned A A	G 40.00 Federal owned C A A	H 40.00 Federal owned C
3 15.88 Federal owned	K 40.00 Federal owned A	J 40.00 Federal owned	I 40.00 Federal owned
4 15.90 Federal owned A	N 40.00 Federal owned	O 40.00 Federal owned A A	P 40.00 Federal owned

CMD : ONGARD 09/09/04 13:10:28
 OG6CLOG C105-WELL COMPLETION OR RECOMP CASING LOG OGOMES -TPWK

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Prop Identifier : 518 FLORANCE
 API Well Identifier : 30 45 31170 Well No : 035B
 Surface Locn - UL : G Sec : 18 Twp : 30N Range : 08W Lot Idn :
 Multiple comp (S/M/C) : S TVD Depth (Feet) : 5849 MVD Depth (Feet) : 5969
 Spud Date : 12-08-2002 P/A Date :
 Casing/Linear Record:

S Size	Grade Weight	Depth(ft)	Depth(ft)	Hole Size	Cement	----	TOC	----
(inches)	(lb/ft)	Top-Liner	Bot-Liner	(inches)	(Sacks)	(feet)	Code	
9.625	32.0			143.0	13.250	150		C
7.000	20.0			3015.0	8.750	337		C
4.500	12.0			2906.0	6.250	190		C

E0009: Enter data to modify record

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 PF08 PF09 COMMENT PF10 TLOG PF11 PF12

CMD : ONGARD 09/09/04 13:10:21
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPWK

API Well No : 30 45 31170 Eff Date : 01-08-2003 WC Status : A
 Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 OGRID Idn : 778 BP AMERICA PRODUCTION COMPANY
 Prop Idn : 518 FLORANCE

Well No : 035B
 GL Elevation: 6408

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

 B.H. Locn : G 18 30N 08W FTG 1690 F N FTG 1610 F E P
 Lot Identifier:
 Dedicated Acre: 320.00
 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 :
OG6ACRE

ONGARD
C102-DEDICATE ACREAGE

09/09/04 13:10:40
OGOMES -TPWK
Page No : 1

API Well No : 30 45 31170 Eff Date : 04-30-1991
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)
Prop Idn : 518 FLORANCE
Spacing Unit : 34254 OCD Order :
Sect/Twp/Rng : 18 30N 08W Acreage : 320.00 Revised C102? (Y/N) :
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	18	18	30N	08W	40.00	N	FD		
B	18	18	30N	08W	40.00	N	FD		
G	18	18	30N	08W	40.00	N	FD		
H	18	18	30N	08W	40.00	N	FD		
I	18	18	30N	08W	40.00	N	FD		
J	18	18	30N	08W	40.00	N	FD		
O	18	18	30N	08W	40.00	N	FD		
P	18	18	30N	08W	40.00	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 09/09/04 13:10:48
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPWK
 Page No: 1

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

API Well No : 30 45 31170 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30 45 31170	FLORANCE	01 03 31	18209	P
30 45 31170	FLORANCE	02 03 28	22776 120	F
30 45 31170	FLORANCE	03 03 31	17412 70	F
30 45 31170	FLORANCE	04 03 31	13001 47	P
30 45 31170	FLORANCE	05 03 31	11509 45	P
30 45 31170	FLORANCE	06 03 28	9290 37	P
30 45 31170	FLORANCE	07 03 31	10772 30	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 09/09/04 13:10:51
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPWK
 Page No: 2

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

API Well No : 30 45 31170 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well Stat
		MM/YY	Prod	Gas	Oil	Water	
30	45 31170 FLORANCE	08 03	31	9579	46	47	P
30	45 31170 FLORANCE	09 03	30	8309	22		P
30	45 31170 FLORANCE	10 03	31	9151	41	55	P
30	45 31170 FLORANCE	11 03	30	6914	23		P
30	45 31170 FLORANCE	12 03	31	7605	29		P
30	45 31170 FLORANCE	01 04	31	8162	16	63	P
30	45 31170 FLORANCE	02 04	29	7883	39		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 09/09/04 13:10:53
 OG6IPRD INQUIRE PRODUCTION BY POOL/Well OGOMES -TPWK
 Page No: 3

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY
 Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
 API Well No : 30 45 31170 Report Period - From : 01 2000 To : 08 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	45 31170 FLORANCE	03 04 31	5677	23 36 P
30	45 31170 FLORANCE	04 04 30	5415	10 42 P
30	45 31170 FLORANCE	05 04 30	5030	22 P
30	45 31170 FLORANCE	06 04 30	4229	10 P

Reporting Period Total (Gas, Oil) : 180923 630 372

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

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

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: ☒ DRILL ☐ REENTER		5. Lease Serial No. SF - 078596-A
1b. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator BP AMERICA PRODUCTION COMPANY Contact: MARY CORLEY E-Mail: corleyml@bp.com		7. If Unit or CA Agreement, Name and No. 518
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	8. Lease Name and Well No. FLORANCE 35B
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNE Lot G 1690FNL 1610FEL 36.48300 N Lat, 107.42700 W Lon At proposed prod. zone SWNE Lot G 2400FNL 1980FEL 36.48300 N Lat, 107.42700 W Lon		9. API Well No. 30045 31170
14. Distance in miles and direction from nearest town or post office* 21 MILES FROM AZTEC, NEW MEXICO		10. Field and Pool, or Exploratory BLANCO MESAVERDE
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1030	16. No. of Acres in Lease 320.00	11. Sec., T., R., M., or Blk. and Survey or Area 6 Sec 18 T30N R8W Mer NMP
18. Distance from proposed location to nearest well, drilling completed, applied for, on this lease, ft. 1000	19. Proposed Depth 5859 MD 5834 TVD	12. County or Parish SAN JUAN
21. Elevations (Show whether DF, KB, RT, GL, etc.) 8408 GL	22. Approximate date work will start 10/15/2002	13. State NM
20. BLM/BIA Bond No. on file WY2924		17. Spacing Unit dedicated to this well 320.00 E/L
23. Estimated duration 7 DAYS		24. Attachments

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

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification
- 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 08/16/2002
Title AUTHORIZED REPRESENTATIVE		
Approved by (Signature) /s/ David J. Mankiewicz	Name (Printed/Typed)	Date
Title	Office	

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 #13621 verified by the BLM Well Information System
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

** ORIGINAL ** 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 30-045-31170		2 Pool Code 72319		3 Pool Name BLANCO MESAVERDE		
4 Property Code 518		5 Property Name Florance			6 Well Number # 35 B	
7 OGRID No. 000778		8 Operator Name AMOCO PRODUCTION COMPANY			9 Elevation 6408	

10 Surface Location

UL or Lot No.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
G	18	30 N	8 W		1690	NORTH	1610	EAST	SAN JUAN

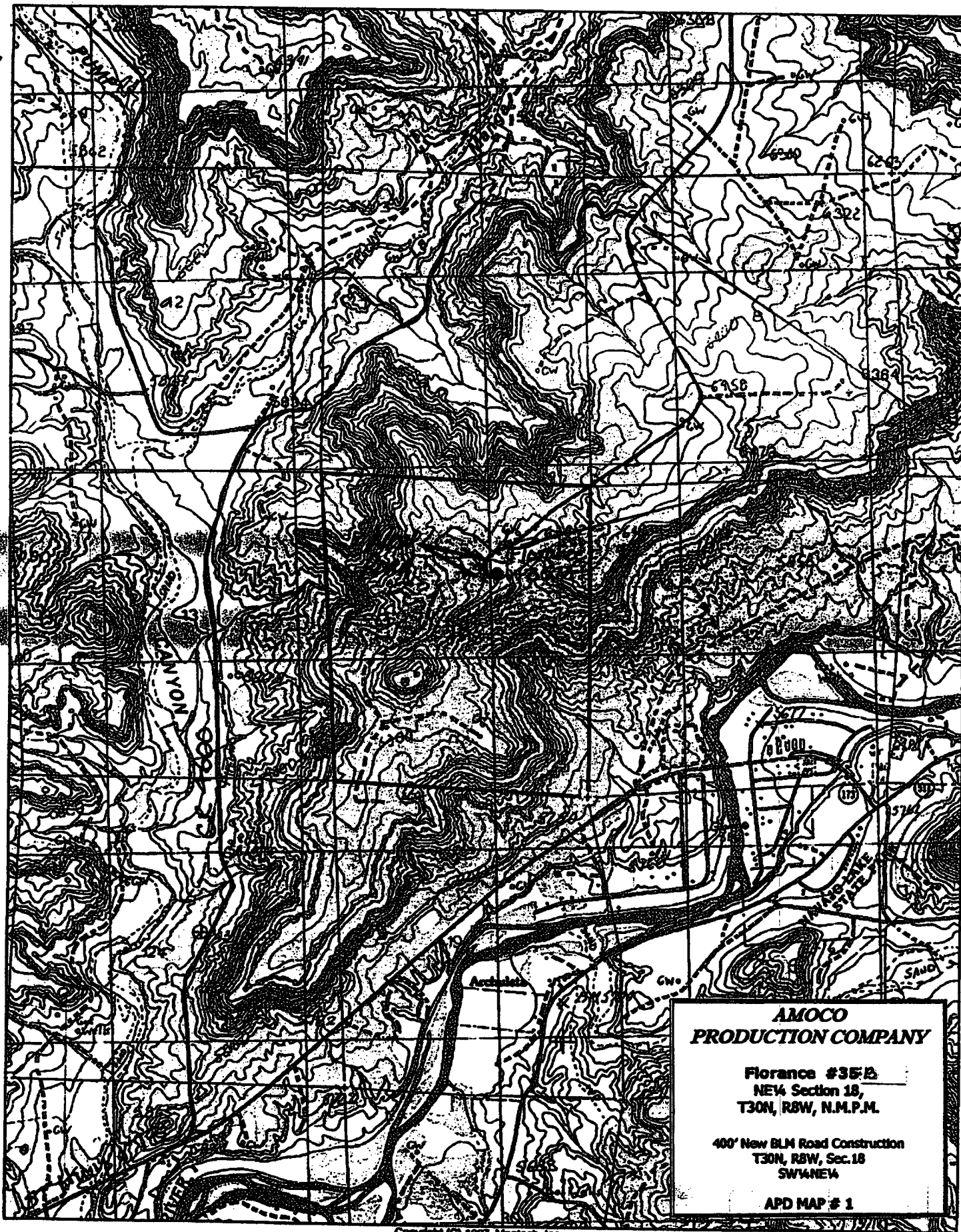
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1/4	Feet from the	North/South line	Feet from the	East/West line	County
G	18	30 N	8 W		2460	NORTH	1720	EAST	SAN JUAN

12 Dedicated Acres	13 Acres or Infill	14 Consolidation Code	15 Order No.
3.20			

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

Lot 1 Lot 2 Lot 3 Lot 4				2460' 1690' 1610' 1780' Altitude - 143° 37' 13.65" 18		OPERATOR: CHRYSTICKIGN <i>Mary Corley</i> Signature: <i>MARY CORLEY</i> Printed Name: SE Regulatory Analyst Date: 06.16.2002 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: <i>GARY D. VANAN</i> Printed Name: GARY D. VANAN Professional Land Surveyor 7016 7016 7016	
---	--	--	--	--	--	--	--



**BP AMERICA PRODUCTION COMPANY
DRILLING AND COMPLETION PROGRAM**

Prospect Name: Florance
Lease: Florance
County: San Juan
State: New Mexico
Date: August 16, 2002

Well No: 35B
Surface Location: 18-30N-8W, 1690 FNL, 1610 FEL
Field: Blanco Mesaverde
Bottom Location: 18-30N-8W, 2400 FNL, 1980 FEL

OBJECTIVE: Drill 50' below the base of the Mancos Shale, set 41/2" 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: 6408		Estimated KB: 6422	
Rotary	0 - TD	MARKER		TVD	MEAS. DEPTH
LOG PROGRAM		Ojo Alamo		1965	2027
		Kirkland		2137	2210
		Fruitland Coal	*	2942	3063
		Pictured Cliffs	*	3200	3325
		Lewis Shale	#	3367	3492
		Cliff House	#	4899	5024
		Menefee Shale	#	5008	5133
		Point Lookout	#	5339	5464
		Mancos		5784	5909
			#		
			#		
			*		
		TOTAL DEPTH		5834	5959
		# Probable completion interval		# Possible Pay	

TYPE
OPEN HOLE
 None

DEPTH INVERAL

CASED HOLE
 GR-CCL-TDT
 CBL

TDT - TD to 7" shoe
 Identify 4 1/2" cement top

REMARKS:

- Please report any flares (magnitude & duration).

SPECIAL TESTS

TYPE
 None

DRILL CUTTING SAMPLES

FREQUENCY DEPTH
 none Production hole

DRILLING TIME

FREQUENCY DEPTH
 Geograph 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 - 3011 (1)	Water/LSND	8.6-9.2		<6	
3011 - 5959	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	3011	7"	J/K-55 ST&C	20#	8.75"	1,2
Production Liner	5959	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/NMOC 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:

14th August 2002

Version 1.0

HGJ/MNP

Form 46 12-00 MNP

BP America Production Company BOP Pressure Testing Requirements

Well Name: Florance
County: San Juan

35B
State: New Mexico

Formation	TVD	Anticipated Bottom Hole Pressure	Maximum Anticipated Surface Pressure **
Ojo Alamo	1965		
Kirkland	2137		
Fruitland Coal	2942		
PC	3200		
Lewis Shale	3367		
Cliff House	4899	500	0
Menefee Shale	5088		
Point Lookout	5339	600	0
Mancos	5784		

** Note: Determined using the following formula: $ABHP = (.22 \times TVD) + ASP$

Requested BOP Pressure Test Exception: **750 psi**

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.

FEDERAL CEMENTING REQUIREMENTS

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.

5. Lease Serial No. NMSF078596A
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.
8. Well Name and No. FLORANCE 35B
9. API Well No. 30-045-31170-00-X1
10. Field and Pool, or Exploratory BASIN DAKOTA MESAVARDE POINT LOOKOUT
11. County or Parish, and State SAN JUAN COUNTY, NM

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other	
2. Name of Operator BP AMERICA PRODUCTION CO	Contact: MARY CORLEY E-Mail: corley.m@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 (Footage, Sec., T., R., M., or Survey Description) Sec 18 T30N R8W SWNE Lot G 1690FNL 1610FEL 36.48300 N Lat, 107.42700 W Lon	

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
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Well Spud
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

APD ROW APD ROW

MIRU Drilling Unit. @ 04.00 Hrs on 12/08/2002 Spud a 13.25" surface hole. Drilled to 148'. RU & ran 9 5/8", 32.3# H-40 surface CSG to 143'. CMT w/150 SXS CLS G + 3% CACL2, 0.25#/SX D29, 15.8 PPG, Yield 1.18 cuft/sx. Circ 10 BBLs CMT to surface. NU BOP & tested to 750# high, 250# low. Test OK

Drilled out CMT. Drilled a 8.75" hole to 3027'. RU & set 7", 20# J-55 CSG to 3015'. CMT w/270 SXS CLS G Lead mixed @ 11.7 PPG, yield 2.63 cuft/sx & 67 SXS CLS G, 13.5 PPG, yield 1.27 cuft/sx Tail. Circ 30 BBLs good CMT surface. Pressure test to 750# high, 250# Low. Test OK.

Drill out CMT. Drilled a 6.25" hole to 5969'. TD @ 09.30 hrs on 12/16/2002. RU & set 4.50",

14. I hereby certify that the foregoing is true and correct. Electronic Submission #17053 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Adrienne Garcia on 01/02/2003 (03AXG0472SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 12/19/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	ADRIENNE GARCIA Title PETROLEUM ENGINEER	Date 01/02/2003
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 Farmington

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 ****

NMOCD

Additional data for EC transaction #17053 that would not fit on the form

32. Additional remarks, continued

10.5#, J-55, production liner to 5969'. CMT w/190 SXS CLS G litecrete 9.5 PPG + additives, 2.50 cu ft yield. No CMT to surface. TOC 2927'. TOL 2927'.

RDMOSU Rig release @ 1600 hrs 12/17/2002.

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.
NMSF078596A

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
FLORANCE 35B

9. API Well No.
30-045-31170-00-S1

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

11. Sec, T., R., M., or Block and Survey
or Area Sec 18 T30N R8W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

17. Elevations (DF, KB, RT, GL)
6408 GL

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

2. Name of Operator
BP AMERICA PRODUCTION CO
Contact: MARY CORLEY
E-Mail: corleyml@bp.com

3. Address P. O. BOX 3092
HOUSTON, TX 77253
3a. Phone No. (include area code)
Ph: 281.366.4494

4. Location of Well (Report location clearly and in accordance with Federal requirements)
Sec 18 T30N R8W Mer NMP
At surface SWNE Lot G 1690FNL 1610FEL 36.48300 N Lat, 107.42700 W Lon
At top prod interval reported below
Sec 18 T30N R8W Mer NMP
At total depth SWNE Lot G 2400FNL 1980FEL 36.48300 N Lat, 107.42700 W Lon

14. Date Spudded
12/08/2002

15. Date T.D. Reached
12/16/2002

16. Date Completed
☐ D & A ☒ Ready to Prod.
01/08/2003

18. Total Depth: MD 5969
TVD 5849

19. Plug Back T.D.: MD 5964
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR OTH

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
13.250	9.625 4-40	32.0	0	143		150		0	
8.750	7.000 J-55	20.0	0	3015		337		0	
6.250	4.500 J-55	12.0	2906	5970		190		2906	

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	5750							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4818	5770	4818 TO 5304	0.400	56	
B)			5378 TO 5770	0.400	52	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4818 TO 5304	91,846# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2
5378 TO 5770	96,156# OF 16/30 BRADY SAND, 70% QUALITY FOAM & N2

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
01/04/2003	01/08/2003	12	→	1.0	1350.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	180.0	→					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	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

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

ELECTRONIC SUBMISSION #18268 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

NMOCD

ACCEPTED FOR RECORD

FEB 14 2003

FARMINGTON FIELD OFFICE

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
Choke 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
Choke 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	612		CLIFF HOUSE	4700
NACIMIENTO	612	1916		MENEFEE	4800
OJO ALAMO	1916	2118		POINT LOOKOUT	5360
				MANCOS	5800

32. Additional remarks (include plugging procedure):
Please see attached for subsequent report.

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 #18268 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by Adrienne Garcia on 02/14/2003 (03AXG0743SE)

Name (please print) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/04/2003

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 35B
COMPLETION SUBSEQUENT REPORT
02/04/2003

12/20/2002 RU & NU Frac head & Frac valve – test liner to 3000#. HELD OK. RU & run TDT/GR.

12/26/2002 RU & Perf and perf Point Lookout & Lower Menefee with 2 SPF, 120° phasing as follows: 26Shots / 52 Holes

5770', 5762', 5651', 5647', 5640', 5636', 5626', 5604', 5595', 5590', 5580', 5574', 5564', 5552', 5544', 5530', 5512', 5504', 5500', 5494', 5485', 5475', 5470', 5436', 5395', 5378'

12/27/2002 RU & Frac w/96,156# of 16/30 Brady Sand, 70% Quality Foam & N2. RU, TIH & set CIBP @ 5350'. RU & perf Menefee with 2 SPF, 120° phasing as follows: 28 Shots / 56 Holes

5304', 5300', 5290', 5279', 5270', 5262', 5248', 5203', 5144', 5136', 5130', 5114', 5103', 5088', 5077', 5064', 5058', 5050', 5034', 5027', 4957', 4950', 4941', 4907', 4879', 4870', 4862', 4818'

RU & Frac w/91,846# of 16/30 Brady Sand, 70% Quality Foam & N2. ND Frac & NU Flow back head. Flow back well on ¼" choke for 8 hrs. SI well.

12/28/2002 Upsized choke to ½" & flowed back 4 hrs. Upsized to ¾" choke & flowed back 8 hrs. SI well.

01/02/2003 Open well on ¾" choke & flow back well.

01/03/2003 Well flowing thru ¾" choke.

01/04/2003 Well flowing thru ¾" choke.

01/06/2003 TIH & tag fill @ 5300'. C/O CIBP set @ 5350'. DO CIBP. Circ well clean. TIH & tag fill @ 5835' C/O to PBTD @ 5964'. PU above liner & flow well on ¾" choke w/watchman.

01/07/2003 TIH & tag 10' of fill. C/O to PBTD. RU & flow well thru ¾" choke w/watchman.

01/08/2003 Flow test well 12 hrs. thru ¾" choke. 1350 MCF Gas, trace WTR, Trace oil. RU & TIH w/BHA & TBG plug. TIH w/ 2 3/8" production TBG & land @ 5750'. ND BOP. NUWH. Pull TBG plug. RD & MOSU. Rig Release @ 17:00 hrs.

District I
PO Box 1980, Hobbs, NM 88241-
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM
District IV
2040 South Pacheco, Santa Fe, NM

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ 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 30-045-31170	⁵ Pool Name Blanco Mesaverde	⁶ Pool Code 72359
⁷ Property Code 000518	⁸ Property Name Florance	⁹ Well Number 358

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
G	18	30N	08W		1690'	North	1610'	East	San Juan

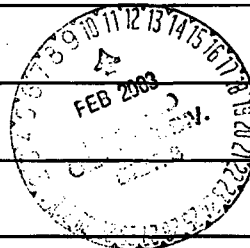
¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	18	29N	08W		2400'	North	1980'	East	San Juan

¹² Les 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
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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	2835382	G	
9018	GIANT REFINING CO P.O. BOX 12999 SCOTTSDALE, AZ 85267	2835381	O	



IV. Produced Water

²³ POD 2835383	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 12/08/2002	²⁶ Ready Date 01/08/2003	²⁷ TD 5969'	²⁸ PSTD 5964'	²⁹ Perforations 4818' - 5770'	³⁰ DMC, DC, MC
³¹ Hole Size 13 1/4"	³² Casing & Tubing Size 9 5/8" 32.3#	³³ Depth Set 148'	³⁴ Sacks Cement 150 SXS CMT		
8 3/4"	7" 20#	3015'	337 SXS CMT		
6 1/4"	4 1/2" 11.6#	5970'	190 SXS CMT		
(Tubing)	2 3/8"	5750'			

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date 01/08/2003	³⁸ Test Length 12 hrs	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure 180#
⁴¹ Choke Size 3/4"	⁴² Oil Trace	⁴³ Water Trace	⁴⁴ Gas 1350 MCF	⁴⁵ AOP	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: 01/13/2003 Phone: 281-366-4491

7-24-03 OIL CONSERVATION DIVISION
Approved by: *Charles*
Title: DEPUTY OIL & GAS INSPECTOR, DIST. 10
Approval Date: JUL 24 2003

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
-----------------------------	--------------	-------	------

Surface: 1690/N 1610/E
BML 2432/N 2014/E



SUB-SURFACE SURVEY CERTIFICATION REPORT

BP America Inc.

Company

March 3, 2003

Date _____

30-045-3170

Florance 35B

Well Name

San Juan Co., New Mexico

County/State

Lease

Survey Depths

195

to

2979 ft

Type of Survey

Measurements While Drilling (MWD)

Survey Depths

f

Type of Survey

Survey Depths

to

f

Type of Survey

Site Supervisor

Greg Johnson

The data submitted in this report conforms to the standards and procedures as set forth by Schlumberger. This report represents a true and correct directional wellbore survey based on original survey data obtained at the well site.

John O'Keefe
Drilling Engineer

This document has been subscribed and affirmed, or sworn before me in the county of Arapahoe in the state of Colorado, this 3rd day of March, 2003.

Christine Nelson My commission expires: 12-12-05

Survey Report - Geodetic

Report Date: 03-Mar-2003	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: BP	Vertical Section Azimuth: 208.560°
Field: NM, San Juan County (NAD 83 WZ)	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Shot: BP 18 30N 8W (Florence 35B) / Florence 35B	TVD Reference Datum: FKB
Well: Florence 35B	TVD Reference Elevation: 6420.000 ft relative to MSL
Borehole: Original Hole	Sea Bed / Ground Level Elevation: 6408.000 ft relative to MSL
UWI/APW:	Magnetic Declination: +10.880°
Survey Name / Date: Florence 35B Final Surveys / March 3, 2003	Total Field Strength: 51522.074 nT
Tort / AHD / DMI / ERI ratio: 58.955° / 848.91 ft / 4.694 / 0.145	Magnetic Dip: 63.718°
Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet	Declination Date: March 03, 2003
Location Lat/Long: N 36 48 18.000, W 107 42 42.000	Magnetic Declination Model: BCGM 2002
Location Grid NE Y/X: N 2112363.278 ftUS, E 2758709.848 ftUS	North Reference: True North
Grid Convergence Angle: +0.07268878°	Total Corr Mag North → True North: +10.880°
Grid Scale Factor: 0.99991812	Local Coordinates Referenced To: Well Head

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N-S (ft)	E-W (ft)	DLS (°/1000)	Grid Coordinates		Geographic Coordinates	
									Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Surface	0.00	0.00	349.45	0.00	0.00	0.00	0.00		2112363.28	2758709.85	N 36 48 18.000	W 107 42 42.000
Begin SLB MWD Surveys	195.00	0.82	349.45	194.99	-1.08	1.37	-0.26	0.42	2112364.65	2758709.59	N 36 48 18.014	W 107 42 42.003
	226.00	0.31	296.61	225.99	-1.25	1.63	-0.37	2.19	2112364.90	2758709.47	N 36 48 18.016	W 107 42 42.005
	258.00	0.41	284.97	255.99	-1.22	1.69	-0.55	0.41	2112364.97	2758709.30	N 36 48 18.017	W 107 42 42.007
	286.00	0.55	238.52	285.99	-1.07	1.64	-0.77	1.33	2112364.92	2758709.07	N 36 48 18.016	W 107 42 42.010
	316.00	0.90	194.93	315.99	-0.72	1.34	-0.96	2.10	2112364.62	2758708.89	N 36 48 18.013	W 107 42 42.012
	349.00	1.17	219.36	348.98	-0.14	0.83	-1.24	1.55	2112364.11	2758708.61	N 36 48 18.008	W 107 42 42.015
	379.00	1.83	208.78	378.97	0.84	0.17	-1.66	2.38	2112363.45	2758708.19	N 36 48 18.002	W 107 42 42.020
	410.00	1.84	201.23	409.96	1.83	-0.72	-2.08	0.78	2112362.55	2758707.77	N 36 48 17.993	W 107 42 42.026
	441.00	2.31	207.52	440.94	2.75	-1.74	-2.55	1.68	2112361.53	2758707.30	N 36 48 17.983	W 107 42 42.031
	472.00	3.30	207.57	471.90	4.27	-3.09	-3.25	3.19	2112360.19	2758706.60	N 36 48 17.969	W 107 42 42.040
	503.00	3.38	210.28	502.85	6.07	-4.67	-4.13	0.57	2112358.61	2758705.73	N 36 48 17.954	W 107 42 42.051
	535.00	3.82	208.40	534.78	8.08	-6.41	-5.12	1.39	2112356.86	2758704.73	N 36 48 17.937	W 107 42 42.063
	565.00	4.34	204.40	564.71	10.21	-8.31	-6.08	2.10	2112354.96	2758703.78	N 36 48 17.918	W 107 42 42.075
	597.00	5.34	207.01	596.59	12.91	-10.74	-7.26	3.20	2112352.53	2758702.60	N 36 48 17.894	W 107 42 42.089
	627.00	5.60	209.20	626.46	15.77	-13.27	-8.61	1.11	2112350.00	2758701.26	N 36 48 17.869	W 107 42 42.106
	658.00	5.96	204.95	657.30	18.89	-16.05	-10.03	1.80	2112347.22	2758699.84	N 36 48 17.841	W 107 42 42.123
	689.00	6.76	206.15	688.11	22.31	-19.14	-11.51	2.62	2112344.12	2758698.37	N 36 48 17.811	W 107 42 42.142

720.00	7.03	204.94	718.88	26.03	-22.50	-13.11	0.99	2112340.76	2758696.77	N 36 48 17.778	W 107 42 42.161
751.00	7.82	207.74	749.62	30.03	-26.09	-14.89	2.80	2112337.17	2758694.99	N 36 48 17.742	W 107 42 42.183
783.00	8.30	208.69	781.31	34.52	-30.04	-17.02	1.56	2112333.22	2758692.87	N 36 48 17.703	W 107 42 42.209
814.00	8.70	209.30	811.97	39.10	-34.05	-19.24	1.32	2112329.21	2758690.66	N 36 48 17.663	W 107 42 42.237
844.00	9.32	208.69	841.60	43.80	-38.16	-21.51	2.09	2112325.10	2758688.38	N 36 48 17.623	W 107 42 42.265
876.00	9.82	209.50	873.15	49.12	-42.81	-24.10	1.62	2112320.45	2758685.80	N 36 48 17.577	W 107 42 42.296
907.00	10.71	209.30	903.65	54.64	-47.62	-26.81	2.87	2112315.63	2758683.10	N 36 48 17.529	W 107 42 42.330
938.00	11.46	207.00	934.08	60.60	-52.87	-29.62	2.81	2112310.37	2758680.30	N 36 48 17.477	W 107 42 42.364
970.00	12.09	209.05	965.40	67.13	-58.64	-32.69	2.36	2112304.61	2758677.23	N 36 48 17.420	W 107 42 42.402
1001.00	12.91	206.22	995.67	73.84	-64.58	-35.80	3.30	2112298.66	2758674.14	N 36 48 17.361	W 107 42 42.440
1033.00	13.64	205.94	1026.81	81.18	-71.18	-39.03	2.29	2112292.05	2758670.91	N 36 48 17.296	W 107 42 42.480
1064.00	14.57	205.66	1056.88	88.72	-77.98	-42.32	3.01	2112285.25	2758667.64	N 36 48 17.229	W 107 42 42.520
1094.00	15.32	205.97	1085.86	96.45	-84.95	-45.69	2.51	2112278.28	2758664.27	N 36 48 17.160	W 107 42 42.562
1124.00	16.01	206.11	1114.75	104.54	-92.23	-49.24	2.30	2112271.00	2758660.73	N 36 48 17.088	W 107 42 42.605
1155.00	16.53	206.99	1144.51	113.22	-99.99	-53.12	1.86	2112263.23	2758656.86	N 36 48 17.011	W 107 42 42.653
1187.00	17.20	207.09	1175.13	122.50	-108.26	-57.34	2.10	2112254.95	2758652.65	N 36 48 16.930	W 107 42 42.705
1218.00	17.73	205.65	1204.70	131.80	-116.60	-61.48	2.21	2112246.61	2758648.53	N 36 48 16.847	W 107 42 42.756
1250.00	18.37	205.88	1235.13	141.70	-125.53	-65.79	2.01	2112237.68	2758644.23	N 36 48 16.759	W 107 42 42.809
1280.00	18.75	206.50	1263.57	151.24	-134.10	-70.00	1.43	2112229.10	2758640.02	N 36 48 16.674	W 107 42 42.861
1342.00	19.53	207.12	1322.14	171.56	-152.24	-79.17	1.30	2112210.95	2758630.88	N 36 48 16.495	W 107 42 42.973
1435.00	20.52	205.71	1409.51	203.38	-180.76	-93.33	1.18	2112182.41	2758616.76	N 36 48 16.213	W 107 42 43.148
1497.00	20.55	205.25	1467.57	225.10	-200.39	-102.68	0.26	2112162.77	2758607.43	N 36 48 16.019	W 107 42 43.263
1591.00	20.86	206.00	1555.50	258.29	-230.36	-117.06	0.43	2112132.79	2758593.09	N 36 48 15.722	W 107 42 43.439
1652.00	20.86	206.22	1612.54	279.89	-249.77	-126.57	0.35	2112113.37	2758583.60	N 36 48 15.530	W 107 42 43.556
1775.00	19.91	204.60	1727.91	322.47	-288.28	-144.88	0.76	2112074.84	2758565.35	N 36 48 15.150	W 107 42 43.781
1867.00	20.19	204.13	1814.34	353.92	-317.01	-157.89	0.35	2112046.09	2758552.37	N 36 48 14.865	W 107 42 43.941
1927.00	20.29	203.31	1870.63	374.61	-336.02	-166.24	0.50	2112027.08	2758544.05	N 36 48 14.678	W 107 42 44.044
1986.00	19.48	204.46	1926.12	394.61	-354.37	-174.36	1.52	2112008.72	2758535.95	N 36 48 14.496	W 107 42 44.144
2047.00	19.27	206.60	1983.66	414.81	-372.63	-183.08	1.21	2111990.45	2758527.26	N 36 48 14.316	W 107 42 44.251
2109.00	19.65	207.83	2042.12	435.46	-390.99	-192.53	0.90	2111972.07	2758517.83	N 36 48 14.134	W 107 42 44.367
2170.00	20.42	207.50	2099.43	456.35	-409.50	-202.23	1.28	2111953.55	2758508.16	N 36 48 13.951	W 107 42 44.487
2232.00	21.07	209.56	2157.41	478.31	-428.79	-212.72	1.58	2111934.25	2758497.69	N 36 48 13.760	W 107 42 44.616
2293.00	21.69	209.20	2214.21	500.55	-448.17	-223.63	1.04	2111914.86	2758486.81	N 36 48 13.569	W 107 42 44.750
2355.00	21.17	210.38	2271.93	523.19	-467.83	-234.88	1.09	2111895.19	2758475.58	N 36 48 13.374	W 107 42 44.888
2418.00	20.92	210.51	2330.72	545.81	-487.33	-246.35	0.40	2111875.67	2758464.14	N 36 48 13.181	W 107 42 45.029
2480.00	19.86	210.89	2388.84	567.39	-505.91	-257.37	1.72	2111857.09	2758453.14	N 36 48 12.998	W 107 42 45.165
2543.00	18.92	212.20	2448.26	588.28	-523.73	-268.31	1.64	2111839.25	2758442.23	N 36 48 12.821	W 107 42 45.299

N/S F/W

2604.00	18.85	212.20	2505.98	607.98	-540.44	-278.83	0.11	2111822.53	2758431.73	N 36 48 12.656	W 107 42 45.428
2666.00	19.16	212.45	2564.60	628.13	-557.50	-289.63	0.52	2111805.46	2758420.95	N 36 48 12.488	W 107 42 45.561
2728.00	19.34	210.60	2623.13	648.54	-574.92	-300.31	1.03	2111788.02	2758410.29	N 36 48 12.315	W 107 42 45.693
2789.00	19.51	211.23	2680.66	668.81	-592.33	-310.74	0.44	2111770.60	2758399.89	N 36 48 12.143	W 107 42 45.821
2851.00	19.64	210.47	2739.08	689.56	-610.16	-321.39	0.46	2111752.76	2758389.26	N 36 48 11.967	W 107 42 45.952
2912.00	19.93	209.86	2796.48	710.20	-628.01	-331.76	0.58	2111734.90	2758378.91	N 36 48 11.790	W 107 42 46.079
2979.00	19.72	212.54	2859.51	732.90	-647.45	-343.53	1.39	2111715.45	2758367.17	N 36 48 11.598	W 107 42 46.224
3636.33	0.00	212.54	3503.94	844.63	-741.87	-403.78	3.00	2111620.96	2758307.05	N 36 48 10.665	W 107 42 46.965
5969.00	0.00	212.54	5836.61	844.63	-741.87	-403.78	0.00	2111620.96	2758307.05	N 36 48 10.665	W 107 42 46.965

Survey Error Model: Topographic 3-D 95.00% Confidence 2.7955 sigma

Surveying Programme:

MD From (ft)	MD To (ft)	EQU Freq	Survey Tool Type
0.00	195.00	Act-Stra	Blind Drilling
195.00	2979.00	Act-Stra	MWD1
2979.00	5969.00	Act-Stra	Blind Drilling

1690
1690
2300
2402

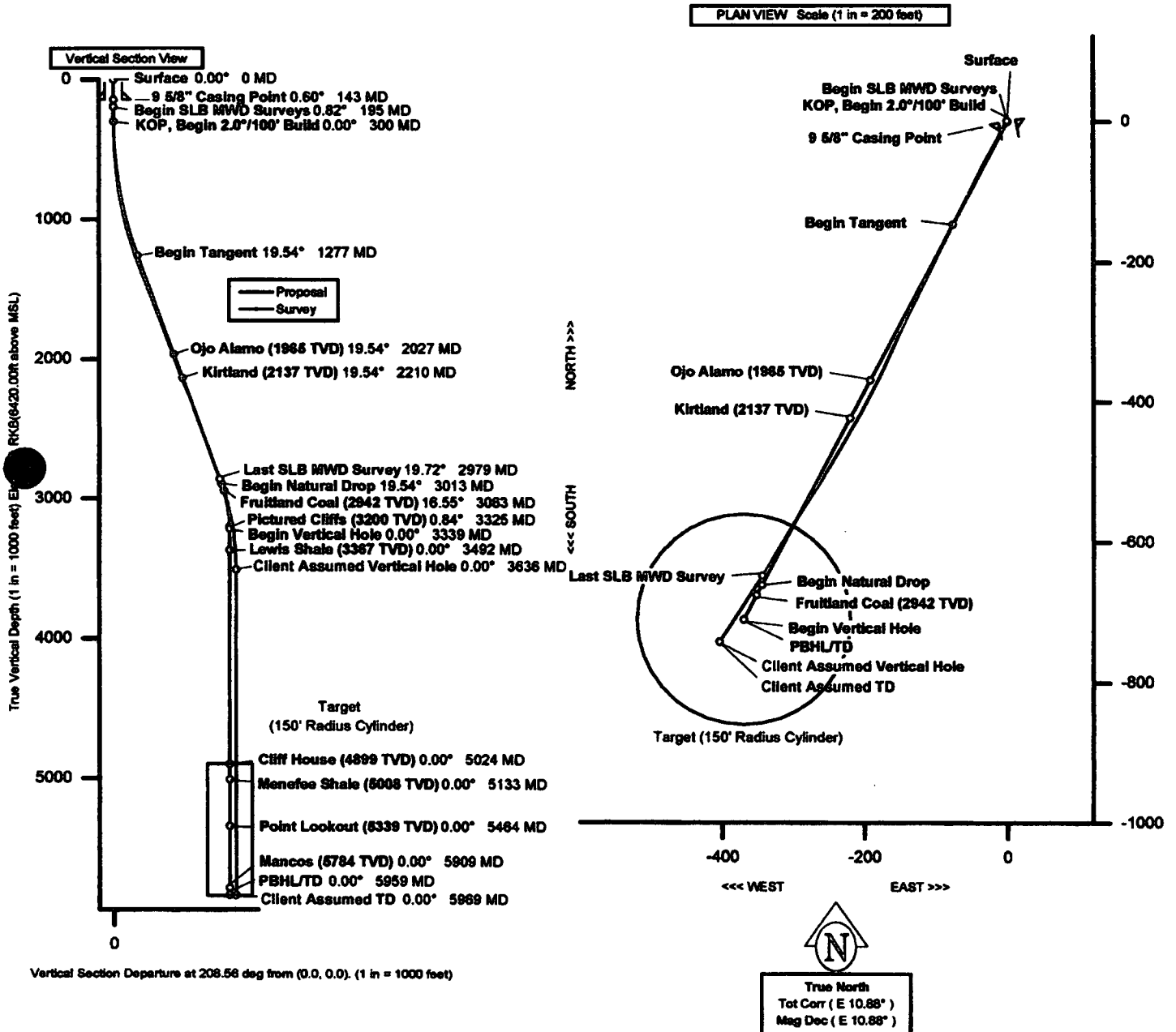
1610
404
2014

19890
4060
23890

1690
742
2432



WELL	FIELD	RIG
Florance 35B	San Juan County, New Mexico	Aztec #56
Magnetic Parameters Model: BGGM 2002 Dip: 63.718° Mag Dec: 10.880° Date: March 03, 2003 FS: 51522.1 nT	Surface Location Lat: N36 48 18.000 Lon: W107 42 42.000 North: 2112363.28 ftUS East: 2758709.85 ftUS Grid Conv: 0.0729° Scale Fact: 0.9999	Plan#: Rev0 jok 12-Aug-02 Slot: Florance 35B Elev Ref: RKB(8420.00ft above MSL) Date Drawn: 01:48:15PM 03-Mar-2003



Quality Control
 Date Drawn: 03-Mar-2003
 Drawn by: James Wimberg
 Checked by: John O'Keefe
 Client OK: _____