· N. 23 24 25 3						
Rom 31 AUG 2005 Rapril AUG 2005 UNITED STATES DEPARTMENT OF THE INTE	5. Lea	FORM APPROVED OMB NO. 1004-0137 Expires: March 31,2007 5. Lease Serial No.				
P (MODES NOT IT - VIII-		3	SF - 077833			
A POPULATION FOR DEPMIT TO DRIV	L OP PEENTER		6. If Indian, Allottee or Tribe Name			
APPLICATION FOR PERMIT TO DRIL		,				
	OTO FARMINGTON HE NTER		nit or CA Agreement, 1	Name and No.		
1b. Type of Well: Oil Well X Gas Well Other		se Name and Well No. FLORANCE	2B			
2. Name of Operator		9. AP	Well No.			
BP AMERICA PRODUCTION COMPANY		3	30-045-33140			
3a. P.O. Box 3092 3b. 1	Phone No. (include area code)	10. Fiel	10. Field and Pool, or Exploratory			
Street Address HOUSTON, TX 77079-2064	366-4081		Blanco Mesaverde			
4. Location of well (Report location clearly and In accordance with any state of the state of th	State requirements.*)	11. Sec	11. Sec.,T.,R.,M.,or Blk.and Survey or Area			
At surface 2045' FSL 700' FEL NE SE Lat.	964					
At proposed prod. zone		T 20	T 30N 1	R 09W		
14. Distance in miles and direction from the nearest town or post office*		12. Co	unty or Parish	13. State		
11.7 MILES EAST FROM AZTEC, NM		SAN JUAN NEW MEXIC				
15. Distance from proposed*	16. No. of acres in lease	17. Spacing Un	it dedicated to this well			
location to nearest		1				
minnerty or long time. A		I .				
property or lease line, ft. So to nearest drig, unit line, if any) 700'	320		320 E	1		
7 F	320 19. Proposed Depth	20. BLM/ BIA	320 E Bond No. on file	2		
18. Letance from proposed location* to nearest well, drilling, completed,	19. Proposed Depth	}				
18. Letance from proposed location*		WY2924				
18. Letance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 21. Elevations (Show whether DF. RT, GR, etc.)	19. Proposed Depth 5451' 22. Aproximate date work will	WY2924 start* 23.	Bond No. on file Estimated duration			
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18. Letance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 24. Elevations (Show whether DF. RT, GR, etc.) 6104' GR	19. Proposed Depth 5451' 22. Aproximate date work will 7/13/2005 24. Attachments Oil and Gas Order No. 1 shall be at item 20 above). ds, the 5. Operator certification	wy2924 start* 23. 7 Extrached to this form operations unless of	Bond No. on file Estimated duration AYS	nd on file(see		
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* (Instructions on page 2)

PO Box 1980, Hobbs NM 88241-1980 District II PO Druwer KK, Artesia, NM 87211-0719 District III

1000 Rio Brazos Rd., Aziec, NM 87410

PO Box 2088, Santa Fe, NM 87504-2088

Section Township Range

District IV

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

East/West line

Peet from the

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

'API Number	² Pont Code	Pool Name
	72319	Blanco Mesaverde
4 Property Code	1 Property Name	4 Weil Number
000518	Florance	# 2B
OGRID No.	⁶ Operator Name	* Elevation
000778	BP AMERICA PRODUCTION C	OMPANY 6104
	¹⁰ Surface Location	I

North/South line

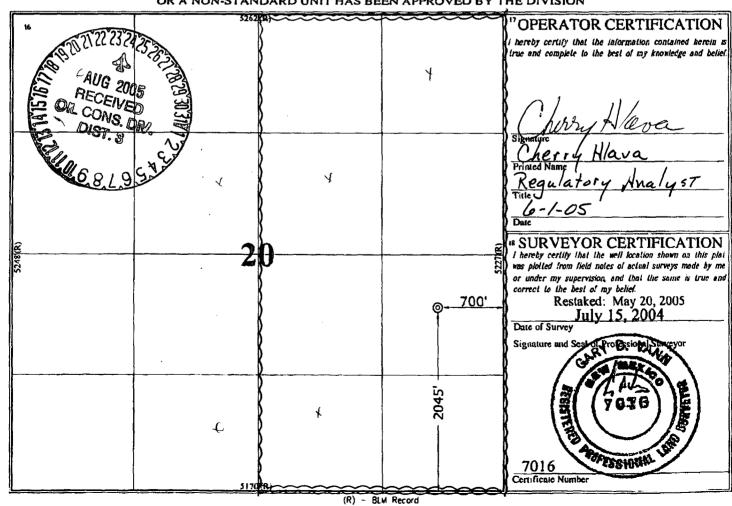
	I	20	30 N	9 W	2045	SOUTH	700	EAST	SAN JUAN
" Bottom Hole Location If Different From Surface									
	' UL or lot no.	Section	Township	Range	Lot Idn Feet from the	North/South line	Feel from the	East/West line	County

Dedicated Acres Joint or Infill Consolidation Code Order No. 320

Feet from the

Lot Ido

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

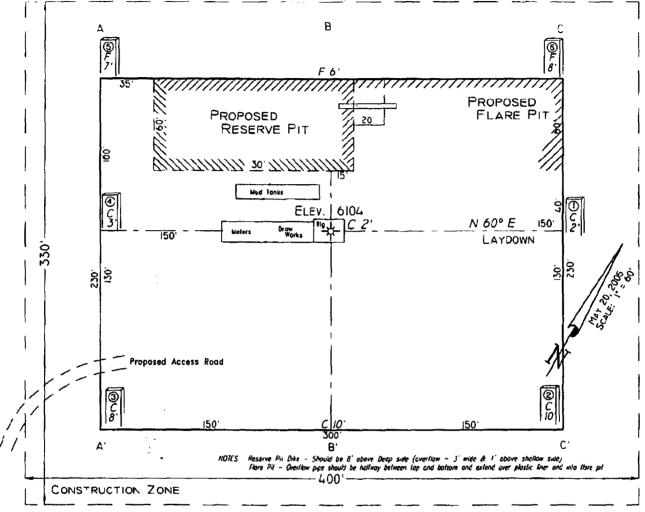


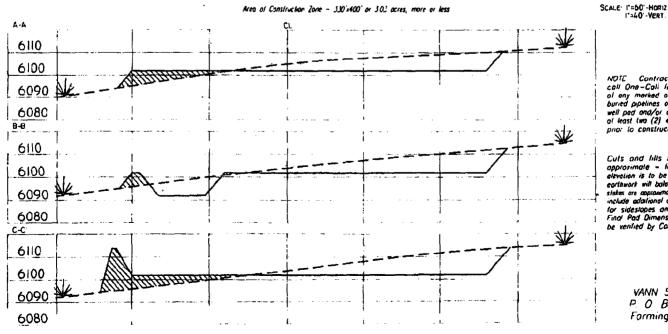
PAD LAYOUT PLAN & PROFILE BP AMERICA PRODUCTION COMPANY

Florance #2B 2045' F/SL 700' F/EL SEC. 20, T30N, R9W, N.M.P.M. SAN JUAN COUNTY, NEW MEXICO

36.7956° 107.7964° Lat: Long:

Lat: 36°47'44" 107°47'49" Long:





NOTE Contractor should call One-Call for location of any marked or unmarked buried populines or cables on well pad and/or occess road at least two (2) earking days prior to construction

Cuts and fills shown are approximate - final finished elevation is to be adjusted so certawort with balance. Corner stekes are applicamente and do not include adaligned areas needed for sidestopes and drainages Final Pad Dimensions are to be venified by Contractor

VANN SURVEYS P. O Box 1306 Formington, NM

BP AMERICA PRODUCTION COMPANY DRILLING AND COMPLETION PROGRAM 2/24/2005 Revised 5/23/2005 Field: Well Name & No. Florance #2B Blanco Mesaverde Lease: Florance Surface Location: 20-30N-9W: 2045' FSL, 700' FEL County: San Juan, New Mexico Surface: Lat: 36.7954801 Long:-107.7964716 Minerals: State BH Location: SAME Rig: Aztec 507 OBJECTIVE: Drill 400' below the top of the Point Lookout, set 4-1/2" production casing. Stimulate MF, and PL intervals. APPROXIMATE DEPTHS OF GEOLOGICAL MARKER METHOD OF DRILLING DEPTH OF DRILLING Estimated KB: 6,115.0 TYPE OF TOOLS Actual GL: 6104 SUBSEA APPROX, MD Rotary 0 - TD Marker TVD LOG PROGRAM Ojo Alamo 4,492 1.623 1,623' Depth Interval Kirtland 4.404 1.711 1.711 Type Fruitland 3.922 2.193 2.193 Single Run Fruitland Coal 3.546 2.569 2.569 Pictured Cliffs 3.316 2,799 2,799 3,048 Lewis 3.067 3.067 Cased Hole Cliff House # 1.793 4.322 4.322 1,481 TDT- CBL # TD to 7" shoe. Menefee 4.634 4.634 Identify 4 1/2" cement top Point Lookout # 1.064 5.051 5.051 REMARKS: Mancos 724 5,391 5,391 - Please report any flares (magnitude & duration). TOTAL DEPTH: 664 5,451' 5,451 # Probable completion interval * Possible Pay SPECIAL TESTS **DRILL CUTTING SAMPLES DRILLING TIME** TYPE **FREQUENCY** DEPTH **FREQUENCY** DEPTH none 2,519' to TD Geolograph 0 - TD REMARKS: MUD PROGRAM: TypeMud Interval /30 min Other Specification #/gal Vis, sec/qt 2007 285 8.8 - 9.0 Spud Sufficient to clean hole. 2.519 Water/LSND 8.4 - 9.0 <9 Sweep hole while whilst water drilling, LCM onsite 5.451' Air 1 1000 cfm for bit Volume sufficient to maintain a stable and clean wellbore CASING PROGRAM: **Casing Size** Grade, Thread **Landing Point** CasingString Depth · Size Weight Cement Surface/Conductor 200JSS 13 1/2 9-5/8" H-40 ST&C 32# cmt to surface Intermediate 1 2.519 8-3/4" J/K-55 ST&C 20# 50' above FT coal cmt to surface 5,451 **Production** 6-1/4" 4-1/2" J-55 11.6# **DKOT** 150' inside Intermediate -TOC survey required CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hydraulic Frac, FMC Unihead **GENERAL REMARKS:** Notify BLM/NMOCD 24 hours prior to Spud, BOP testing, and Casing and Cementing. **BOP Pressure Testing Requirements Formation** Anticipated bottom hole pressure Max anticipated surface pressure** Depth Cliffhouse 4,322 500 0 **Point Lookout** 5,051 600 0 Requested BOP Pressure Test Exception = 1500 psi ** Note: Determined using the following formula: ABHP - (.22*TVD) = ASP Form 46 Reviewed by: Logging program reviewed by: PREPARED BY: APPROVED: DATE: APPROVED: DATE: HGJ JMP /24/2005 Revised 5/23/200 Form 46 7-84bw For Drilling Dept. For Production Dept.

Cementing Program

Well Name: Florance 2B Location: 20-30N-09W: 2045' FSL, 700' FEL Well Flac County: San Juan **New Mexico** Formation: MesaVerde State: 6115 KB Elev (est) 6104 GL Elev. (est) Casing Program: Casing String Est. Depth/ Hole Size Casing Size TOC Stage Tool Cmt Cir. Out Thread (in.) Or TOL (ft.) (ft.) (bbl.) (in.) Surface 9.625 ST&C Surface NA 13.5 Intermediate 2519 8.75 STATEC Surface NΑ 7 Production -5451 6.25 4.5 45 1 C 2419 NA Casing Properties: (No Safety Factor Included) Collapse Joint St. Capacity Drift **Casing String** Size Weight Grade Burst (psingan) (psi.) (in.) (lb/ft) (1000 lbs.) (bbl/ft.) (in.) Surface 9.625 32 H-40 3370 1400 254 0.0787 8.845 20 K-55 Intermediate 7 3740 2270 0.0405 6.456 Production -4.5 11.6 J-55 5350 4960 0.0155 3.875 Mud Program Apx. Interval **Mud Weight** Recommended Mud Properties Prio Cementing: Mud Type (ft.) PV <20 ΥP <10 0 - SCP Water/Spud 8.6-9.2 Fluid Los: <15 SCP - ICP Water/LSND 8.6-9.2 ICP - ICP2 Gas/Air Mist NA 8.6 - 9.2 LSND ICP2 - TD Cementing Program: Surface Intermediate Production Excess %, Lead 100 75 40 Excess %. Tail NA 0 40 BHST (est deg. F) 75 120 183 **Special Instructions** 1,6,7 1,6,8 2,4,6 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 minmize drillout. Surface: Preflush 20 bbl. FreshWater Slurry 1 154 sx Class C Cement 195 cuft TOC@Surface + 2% CaCl2 (accelerator) 0.4887 cuft/ft OH Slurry Properties: Density Water Yield (lb/gal) (ft3/sk) (gal/sk) 15.2 Slurry 1 1.27 5.8 Casing Equipment: 9-5/8", 8R, ST&C 1 Guide Shoe 1 Top Wooden Plug

Schlumberger Private

Page 1

6/1/2005

Amoco

Additional Operator Remarks Florance 2B APD

Notice of Staking was submitted on 06/02/05

BP America Production Company respectfully requests permission to drill the subject well to a total depth of approximately 5451' and complete into the Blanco Mesaverde..

If terrain allows it is our intent to pre-set the 9 5/8" casing on the above mentioned well by drilling a surface hole with air/air mist in lieu of drilling mud and the surface casing be cemented with 94.5 cu/ft type I-II, 20% FLYASH, 14.5 PPG, 7.41 gal/sk, 1.61 cf/sk Yield, 80 DEG BHST ready mix cement. If the area will not allow for pre-set the approved cement program will be followed.

SUPPLEMENTAL TO SURFACE USE PLAN

New Facilities:

A 4.5" diameter buried steel pipeline that is +/- 400 feet in length will be constructed. The pipe wall thickness is .156 and the pipe wall strength is 42,000#. It will be adjacent to the access road and tie the well into an existing gas meter operated by BP America Production Company. The pipeline will not be used to transport gas to drill the well. After the well is spud the pipeline will be authorized by a right-of-way issued by El Paso Field Services.

APD/ROW

C. HARRADEN/ June 6, 2005

BP AMERICA PROD. CO./ Florance #2B CEL

STIPULATION/CONDITION OF APPROVAL

This well is located in an area where the San Jose fresh water aquifer is shallow. In order to protect the integrity of this aquifer, a minimum surface csg. depth of 285' is stipulated as a condition of approval for this APD.

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 in the Blanco Mesaverde. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth 11" nominal or 7 1/16",2000 psi single ram preventer with 3000 psi annular preventer and rotating head.

All ram type and annular preventers as well as related control equipment will be hydraulically tested to 250 psi (low pressure) and 1500 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.

BP American Production Company

Well Control Equipment Schematic



