

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.

1. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other		5. Lease Serial No. NMSF078502	
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name	
3a. Address 200 ENERGY CT FARMINGTON, NM 87402		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281-366.4081		8. Well Name and No. VANDEWART 1N	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T29N R8W NESE 1715FSL 775FEL 36.44130 N Lat, 107.38200 W Lon		9. API Well No. 30-045-32302-00-X1	
		10. Field and Pool, or Exploratory BASIN DAKOTA BLANCO MESAVERDE	
		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
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

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.)

Original APD was submitted on 04/13/2004. The original surface location was found to be on Navajo sacred ground and therefore surface location will be moved from 1715' FSL & 775' FEL to the new surface location of 1650' FSL & 275' FEL.

The well was originally a vertical drill but now will be a directional drill which places the BH inside the drilling window at 1980' FSL & 800' FEL.

The second Notice of Staking was submitted on 10/07/2004 with a bottom hole location of 1800' FSL & 700' FEL. This BH is changed to: 1980' FSL & 800' FEL.

Please see attached: Amended Drilling Plan (form 46), C-102, supporting plats, cement revisions, Azimuth Inclination/Tabulation details and a revised pit application for NMOCDD purposes.

HOLD C104 FOR *Directional survey*

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #51484 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by ADRIENNE BRUMLEY on 12/07/2004 (05AXB0461SE)	
Name (Printed/Typed) CHERRY HLAVA	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 12/02/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Original Signed: Stephen Mason	Title	DEC 22 2004
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCDD

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		2 Pool Code		3 Pool Name	
		71599; 72319		Basin Dakota; Blanco Mesaverde	
4 Property Code		5 Property Name			6 Well Number
001200		Vandewart			# 1N
7 OGRID No.		8 Operator Name			9 Elevation
000 778		BP AMERICA PRODUCTION COMPANY			6373

10 Surface Location

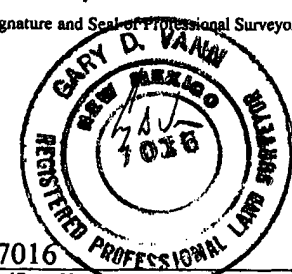
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	11	29 N	8 W		1650	SOUTH	275	EAST	SAN JUAN

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
I	11	29 N	8 W		1980'	SOUTH	800'	EAST	SAN JUAN

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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

11	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Cherry Hlava</i> Signature <i>Cherry Hlava</i> Printed Name <i>Regulatory Analyst</i> Title <i>12-02-04</i> Date
	14 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. Restaked: September 17, 2004 <i>March 17, 2004</i> Date of Survey Signature and Seal of Professional Surveyor  7016 Certificate Number

Bottom Hole Location
1980' F/SL 800' F/EL

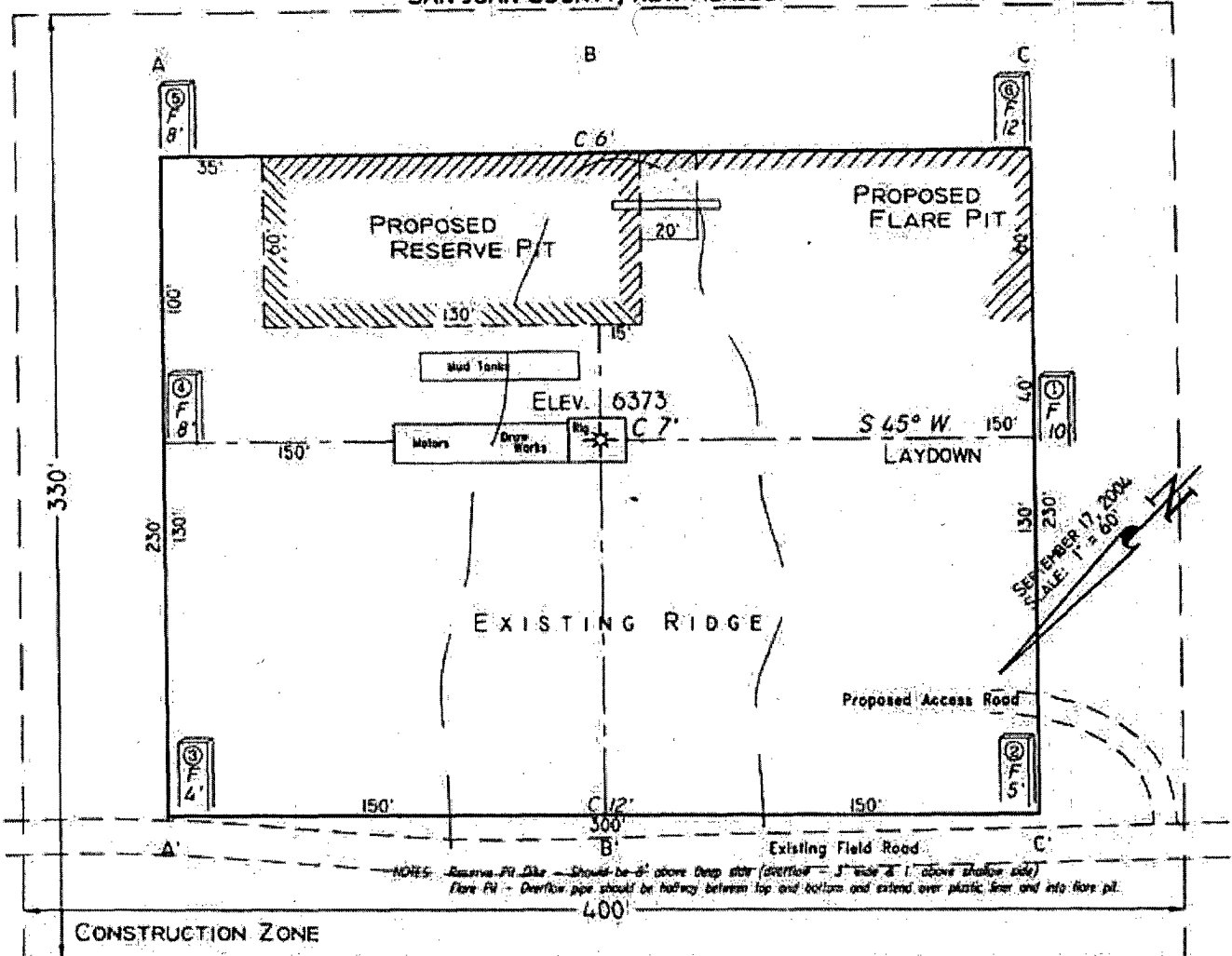
Azimuth - 302.15°

275'
1650'

(R) - BLM Record

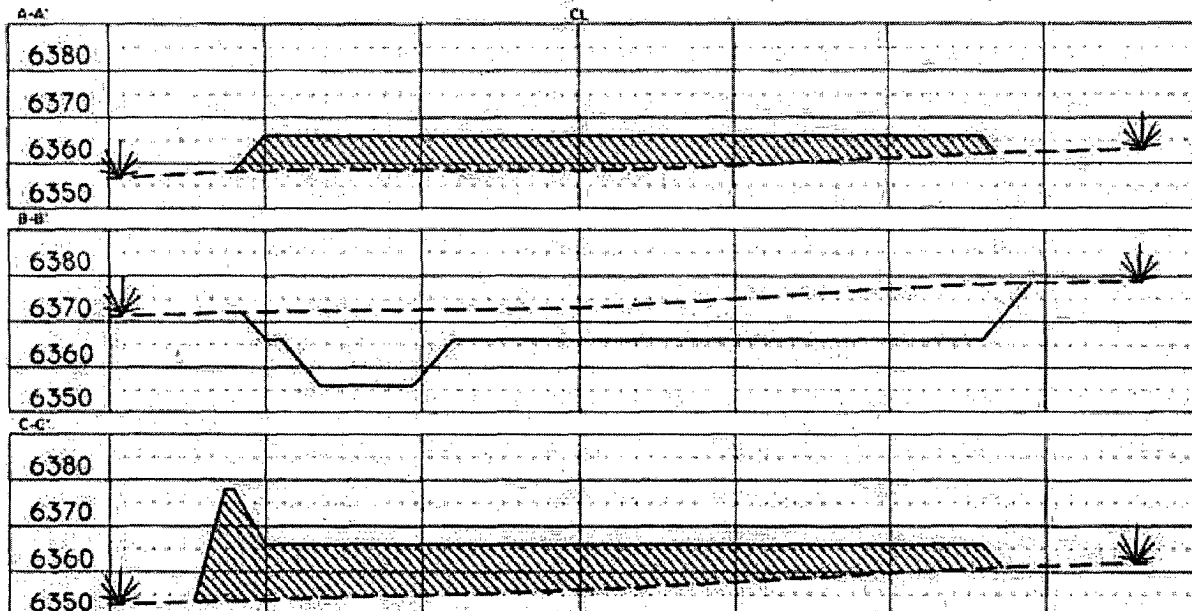
PAD LAYOUT PLAN & PROFILE
BP AMERICA PRODUCTION COMPANY
 Vandewart # 1N
 1650' F/SL 275' F/EL
 SEC. 11, T29N, R8W, N.M.P.M.
 SAN JUAN COUNTY, NEW MEXICO

Lat: 36°44'12"
 Long: 107°36'14"



Area of Construction Zone - .330± acres, more or less

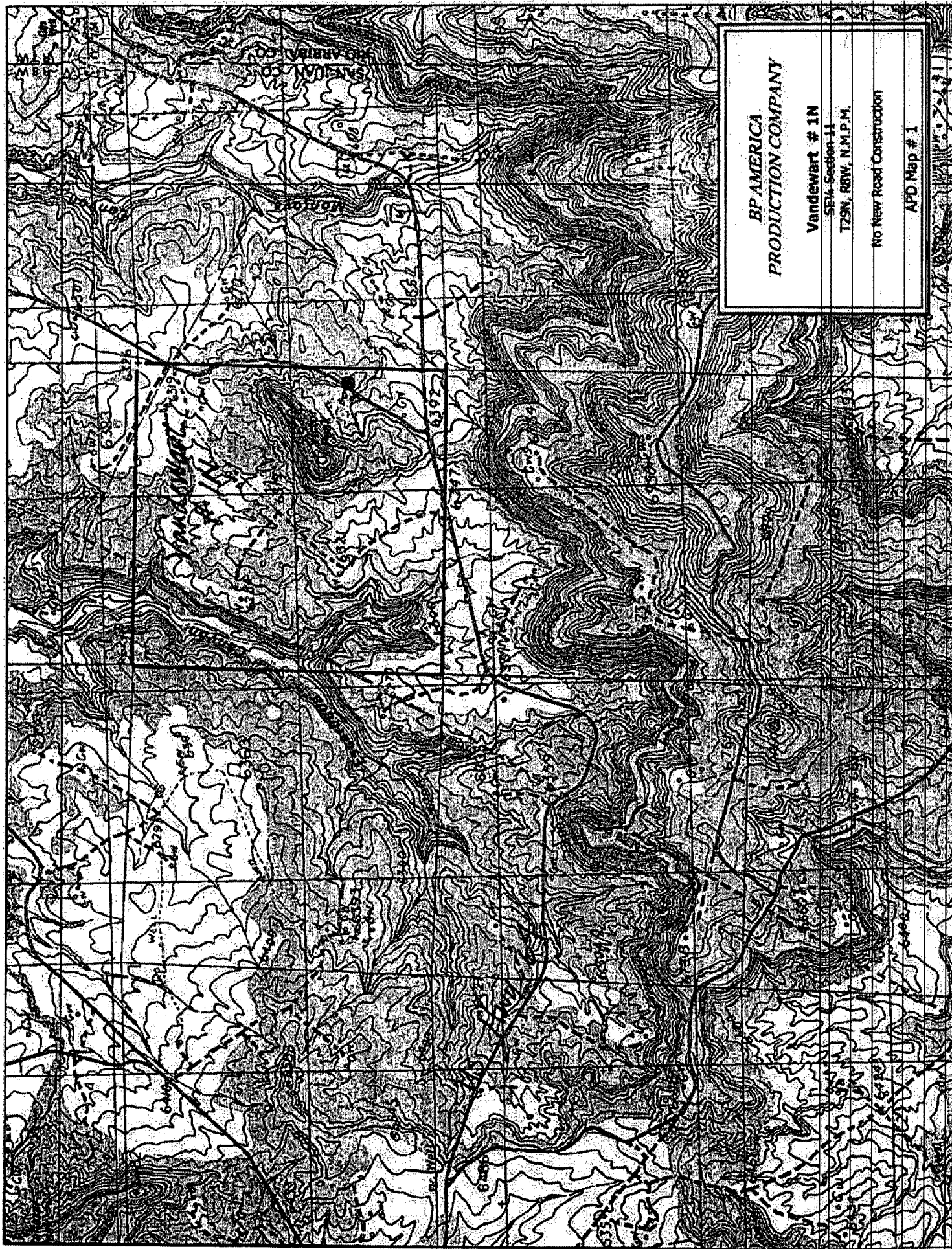
SCALE: 1"=60'-HORIZ.
 1"=40'-VERT.



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

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for slopesides and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS
 P. O. Box 1306
 Farmington, NM



BP AMERICA PRODUCTION COMPANY

DRILLING AND COMPLETION PROGRAM

11/24/2004

Lease:	Vanderwart	Well Name & No.	Vanderwart #1N	Field:	Blanco Mesaverde/Basin Dakota
County:	San Juan, New Mexico	Surface Location:	11-29N-8W:1650' FSL, 275' FEL		
Minerals:	Federal	Surface:	Lat: 36.7369604 Long:-107.6369484		
Rig :	Aztec 184	BH Location:	1980' FSL, 800' FEL; Lat: 36.7378473 Long:-107.6387269		
OBJECTIVE:	Drill 240' below the top of the Two Wells Mbr, set 4-1/2" production casing, Stimulate DK, MF, and PL intervals.				

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Actual GL:	6373	Estimated KB: 6,387.0'	
Rotary	0 - TD	Marker		SUBSEA	TVD
LOG PROGRAM					APPROX. MD
Type	Depth Interval	Ojo Alamo		4,300'	2,087'
Single Run		Kirtland		4,153'	2,234'
		Fruitland	*	3,758'	2,629'
		Fruitland Coal	*	3,500'	2,887'
		Pictured Cliffs	*	3,276'	3,111'
		Lewis	*	3,104'	3,283'
Cased Hole	TD to 7" shoe	Cliff House	#	1,791'	4,596'
TDT- CBL		Menefee	#	1,513'	4,874'
		Point Lookout	#	1,130'	5,257'
	Identify 4 1/2" cement top	Mancos		742'	5,645'
REMARKS: - Please report any flares (magnitude & duration).		Greenhorn		-864'	7,251'
		Graneros (bent,mkr)		-923'	7,310'
		Two Wells	#	-972'	7,359'
		Paguete	#	-1,065'	7,452'
		Cubero	#	-1,091'	7,478'
		L. Cubero	#	-1,115'	7,502'
		Encinal Cyn	#	1,142'	7,529'
		TOTAL DEPTH:		-1,212'	7,600'
		# Probable completion interval		* Possible Pay	

SPECIAL TESTS	DRILL CUTTING SAMPLES	DRILLING TIME
TYPE	FREQUENCY	FREQUENCY
None	30'/10' intervals	Geograph
REMARKS:	DEPTH	DEPTH
	3,457' to TD	0 - TD

MUD PROGRAM:					
Interval	Type ☐ Mud	#/gal	Vis, ☐ sec/qt	/30 min	Other Specification
200'	Spud	8.8 - 9.0	Sufficient to clean hole.		
3,457'	Water/LSND	8.4 - 9.0		<9	Sweep hole while whilst water drilling, LCM onsite
7,688'	Air	1	1000 cfm for hammer		Volume sufficient to maintain a stable and clean wellbore

CASING PROGRAM:							
Casing ☐ String	Depth	Size	Casing Size	Grade, Thread	Weight	Landing Point	Cement
Surface/Conductor	200'	13 1/2"	9-5/8"	H-40 ST&C	32#		cmt to surface
Intermediate 1	3,457'	8-3/4"	7"	J/K-55 ST&C	20#	100' below LWIS	cmt to surface
Production	7,688'	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/NMOCOD 24 hours prior to Spud, BOP testing, and Casing and Cementing.

BOP Pressure Testing Requirements			
Formation	Depth	Anticipated bottom hole pressure	Max anticipated surface pressure**
Cliffhouse	4,596'	500	0
Point Lookout	5,257'	600	0
Dakota	7,359'	2600	981.02

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	6-Oct-04		
Form 46 7-84bw	For Drilling Dept.		For Production Dept.	

Cementing Program

REVISED

Well Name:	Vanderwart #1N		Well Flac	
Location:	11-29N-8W:1650' FSL, 275' FEL		Formation:	Blanco Mesaverde/Basin Dakota
County:	San Juan		KB Elev (est)	6387
State:	New Mexico		GL Elev. (est)	6373

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	200	13.5	9.625	ST&C	Surface	NA	
Intermediate	3457	8.75	7	LT&C	Surface	NA	
Production -	7688	6.25	4.5	ST&C	3357	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	Recommended Mud Properties Prio Cementing:	
			PV	<20
			YP	<10
			Fluid Loss	<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	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 minimize drillout.

Surface:

Preflush	20 bbl.	FreshWater	
Slurry 1	154 sx Class C Cement		195 cuft
TOC@Surface	+ 2% CaCl2 (accelerator)		

Cementing Program

0.4887 cuft/ft OH

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

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
- 1 Stop Ring
- 1 Thread Lock Compound

Intermediate:

Fresh Water 20 bbl fresh water

Lead 289 sx Class "G" Cement 760 cuft
 Slurry 1 + 3% D79 extender
 TOC@Surface + 1/4 #/sk. Cellophane Flake
 + 5 lb/sk Gilsonite

Tail 59 sx 50/50 Class "G"/Poz 75 cuft
 Slurry 2 + 2% gel (extender)
 + 1/4 #/sk. Cellophane Flake 0.1503 cuft/ft OH
 + 2% CaCl2 (accelerator) 0.1746 cuft/ft csg ann
 + 5 lb/sk Gilsonite

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)
Slurry 1	11.4	2.63	15.8
Slurry 2	13.5	1.27	5.72

Casing Equipment: 7", 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 one in middle of first joint, then every third collar
- 1 Top Rubber Plug
- 1 Thread Lock Compound

Production:

Fresh Water 10 bbl CW100

Lead 168 LiteCrete D961 / D124 / D154 423 cuft
 Slurry 1 + 0.03 gps D47 antifoam
 TOC, 150' above 7" shoe + 0.5% D112 fluid loss

Cementing Program

+ 0.11% D65 TIC

Tail
Slurry 2
1455 ft fill

145 sx 50/50 Class "G"/Poz
+ 5% D20 gel (extender)
+ 0.1% D46 antifoam
+ 1/4 #/sk. Cellophane Flake
+ 0.25% D167 Fluid Loss
+ 5 lb/sk Gilsonite
+ 0.1% d800, retarder
+ 0.15% D65, dispersant

209 cuft

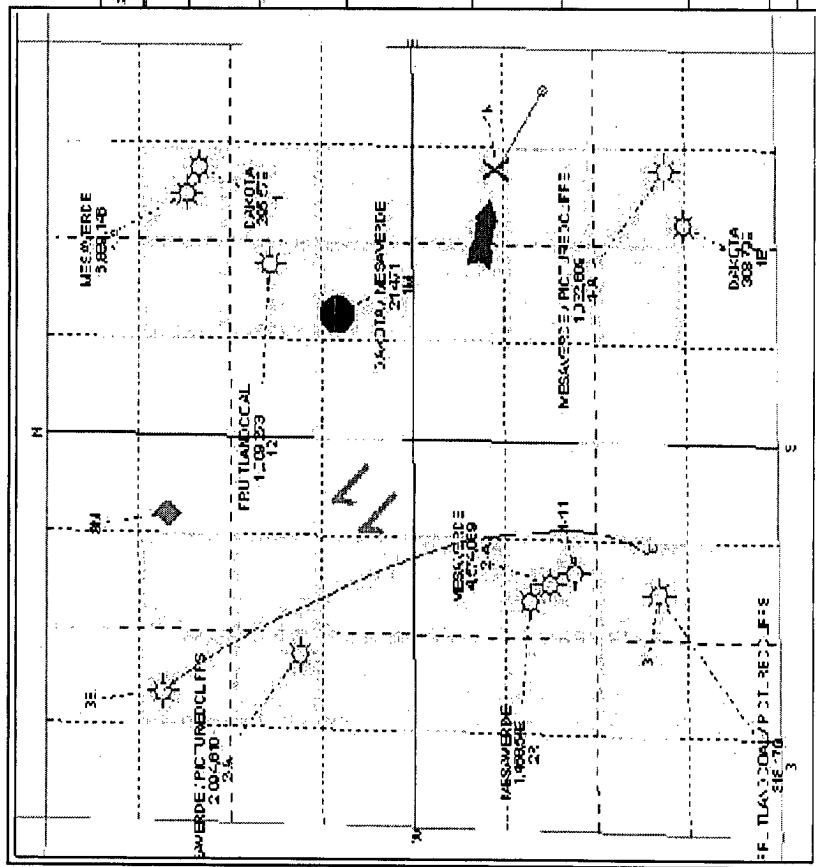
0.1026 cuft/ft OH

Slurry Properties:

	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)	
Slurry 1	9.5	2.52	6.38	0.1169 cuft/ft csg ann
Slurry 2	13	1.44	6.5	Top of Mancos 5733

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, as needed
1 Top Rubber Plug
1 Thread Lock Compound



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2012-13

SECRET



2025-07-15

P-207-FLY4A
DEL-CLUDGE (WCF)
del Miter

ATTENTION

WELL SYMBOLS
 Failure: new and location
 Oes'iel
 Dry to e
 E = 20'2 a.e. is
 E = 20'3 a.e. is

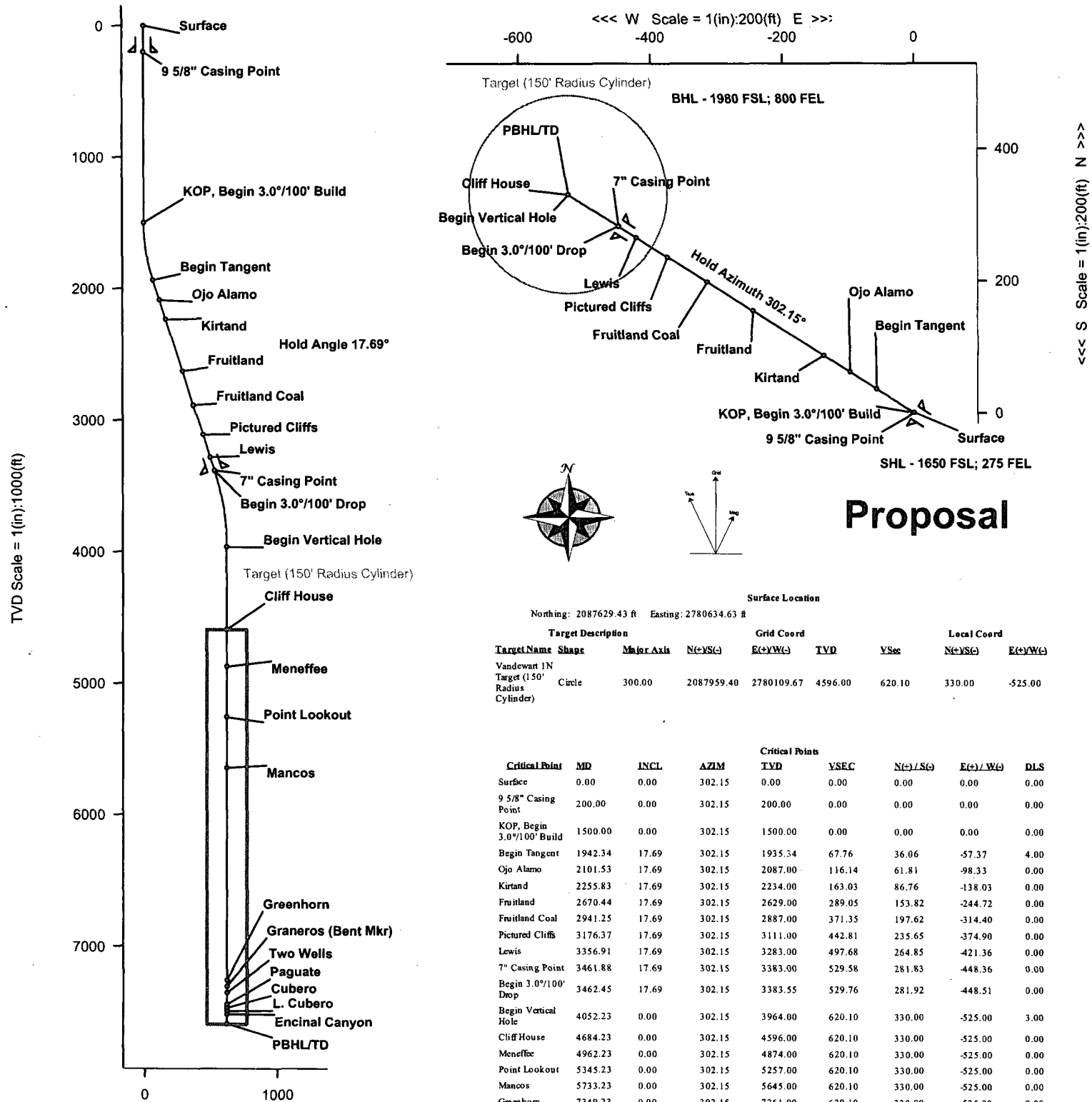
REMARKS
Deviated well due to roughing

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September 30, 2024



WELL Vandewart 1N		FIELD San Juan County, New Mexico		STRUCTURE BP 11-29N-08W	
Magnetic Parameters Model: BGOM 2003 Dip: 63.674° Mag Dec: +10.639°		Surface Location Lat: N36 44 13.057 Lon: W107 36 13.014		NAD83 New Mexico State Planes, Western Zone, US Feet Northing: 2087629.43 BUS Easting: 2780634.63 BUS Scale Fact: 0.9999204552	
Date: December 23, 2004 FS: 51414.9 nT		Miscellaneous Site: Vandewart 1N Plan: RD Jew 23-Nov-04		TVD Ref: RKB (6387.00 ft above MSL) Srvy Date: November 23, 2004	



Quality Control
Date Drawn: Tue 02:24 PM November 23, 2004
Drawn by: Jim Winberg
Checked by: Aaron
Client OK:

Grid North
Tot Corr (M->G +10.5215°)
Mag Dec (+10.639°)
Grid Conv (+0.11746642°)



Vandewart 1N R0 Proposal Surveys

Report Date: November 23, 2004 Client: BP America Inc. Field: NM, San Juan County (NAD 83 WZ) 2004 Structure / Slot: BP 11-29N-08W (Vandewart 1N) / Vandewart 1N Well: Vandewart 1N Borehole: Original Hole (Est RKB) UWI/API#: Survey Name / Date: Vandewart 1N R0 jaw 23-Nov-04 / November 23, 2004 Tort / AHD / DDI / ERD ratio: 35.387° / 620.10 ft / 4.346 / 0.082 Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet Location Lat/Long: N 36 44 13.057, W 107 38 13.014 Location Grid N/E Y/X: N 2087629.425 RUS, E 2780634.627 RUS Grid Convergence Angle: +0.11746642° Grid Scale Factor: 0.99992046	Survey / DLS Computation Method: Minimum Curvature / Lubinski Vertical Section Azimuth: 302.150° Vertical Section Origin: N 0.000 ft, E 0.000 ft TVD Reference Datum: RKB TVD Reference Elevation: 6387.0 ft relative to MSL Sea Bed / Ground Level Elevation: 6373.000 ft relative to MSL Magnetic Declination: 10.639° Total Field Strength: 51414.914 nT Magnetic Dip: 63.674° Declination Date: December 23, 2004 Magnetic Declination Model: BGGM 2003 North Reference: Grid North Total Corr Mag North -> Grid North: +10.522° Local Coordinates Referenced To: Well Head
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Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Surface	0.00	0.00	302.15	0.00	0.00	0.00	0.00	0.00	2087629.43	2780634.63	N 36 44 13.057	W 107 38 13.014
9 5/8" Casing Point	200.00	0.00	302.15	200.00	0.00	0.00	0.00	0.00	2087629.43	2780634.63	N 36 44 13.057	W 107 38 13.014
KOP, Begin 3.0"100' Build	1500.00	0.00	302.15	1500.00	0.00	0.00	0.00	0.00	2087629.43	2780634.63	N 36 44 13.057	W 107 38 13.014
Begin Tangent	1942.34	17.69	302.15	1935.34	67.76	36.06	-57.37	4.00	2087665.48	2780577.27	N 36 44 13.415	W 107 38 13.718
Ojo Alamo	2101.53	17.69	302.15	2087.00	116.14	61.81	-98.33	0.00	2087691.23	2780536.31	N 36 44 13.670	W 107 38 14.221
Kirtland	2255.83	17.69	302.15	2234.00	163.03	86.76	-138.03	0.00	2087716.18	2780496.61	N 36 44 13.918	W 107 38 14.708
Fruitland	2670.44	17.69	302.15	2629.00	289.05	153.82	-244.72	0.00	2087783.23	2780389.93	N 36 44 14.583	W 107 38 16.017
Fruitland Coal	2941.25	17.69	302.15	2887.00	371.35	197.62	-314.40	0.00	2087827.03	2780320.25	N 36 44 15.017	W 107 38 16.872
Pictured Cliffs	3176.37	17.69	302.15	3111.00	442.81	235.65	-374.90	0.00	2087865.06	2780259.76	N 36 44 15.395	W 107 38 17.614
Lewis	3356.91	17.69	302.15	3283.00	497.68	264.85	-421.36	0.00	2087894.26	2780213.31	N 36 44 15.684	W 107 38 18.184
7" Casing Point	3461.88	17.69	302.15	3383.00	529.58	281.83	-448.36	0.00	2087911.23	2780186.30	N 36 44 15.853	W 107 38 18.515
Begin 3.0"100' Drop	3462.45	17.69	302.15	3383.55	529.76	281.92	-448.51	0.00	2087911.32	2780186.15	N 36 44 15.854	W 107 38 18.517
Begin Vertical Hole	4052.23	0.00	302.15	3964.00	620.10	330.00	-525.00	3.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Cliff House	4684.23	0.00	302.15	4596.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Meneffee	4962.23	0.00	302.15	4874.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Point Lookout	5345.23	0.00	302.15	5257.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Mancos	5733.23	0.00	302.15	5645.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Greenhorn	7349.23	0.00	302.15	7261.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Graneros (Bent Mkr)	7398.23	0.00	302.15	7310.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Two Wells	7447.23	0.00	302.15	7359.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Paguate	7540.23	0.00	302.15	7452.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Cubero	7566.23	0.00	302.15	7478.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
L. Cubero	7590.23	0.00	302.15	7502.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
Encinal Canyon	7617.23	0.00	302.15	7529.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456
PBHL/TD	7688.23	0.00	302.15	7600.00	620.10	330.00	-525.00	0.00	2087959.40	2780109.67	N 36 44 16.331	W 107 38 19.456

Survey Type: Raw Proposal

Survey Error Model: SLB ISCWSA version 16 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00

MD To (ft) EOU Freq Survey Tool Type

7688.23 1/100.00 ft SLB_MWD-STD

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
March 4, 2004

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

WELL API NO.

NEW WELL

5. Indicate Type of Lease

STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

Vandewart

(APD filed with BLM SF 076930)

8. Well Number

1 N

9. OGRID Number

10. Pool name or Wildcat

Basin Dakota & Blanco Mesaverde

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:

Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BP AMERICA PRODUCTION CO

3. Address of Operator

P.O. BOX 3092 HOUSTON, TX 77079-2064

4. Well Location

Unit Letter **I** : **1715** feet from the **South** line and **775** feet from the **East** line

Section **11**

Township **29N**

Range **08W**

NMPM **SAN JUAN**

County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

6385'

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL **I** Sect **11** Twp **29N** Rng **08W** Pit type **Drilling** Depth to Groundwater **>100'** Distance from nearest fresh water well **>1000'**

Distance from nearest surface water **>1000'** Below-grade Tank Location UL **I** Sect **11** Twp **29N** Rng **08W** ;

1815 feet from the **South** line and **890** feet from the **East** line PLEASE SEE ATTACHED PAD LAYOUT

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: **PIT PERMIT** ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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

BP America will construct a lined drilling pit per general construction plan on file 4/15/04.

On 04/13/2004 BP America Production Company submitted an application for permit to drill and complete the subject well into the Basin Dakota, produce the well in order to establish a production rate, isolate the zone; then add the Blanco Mesaverde and commingle production Downhole. BP now seeks NMOCD approval to Downhole commingle production in the subject well.

The Basin Dakota (71599) & the Blanco Mesaverde (72319) Pools are Pre-Approved for Downhole Commingling per NMOCD Order R - 11363. The working and overriding royalty interest owners in the proposed commingled pools are not the same; therefore further notification of this application is required.

Production is proposed to be allocated based on a fixed percentage. We will perform a deliverability test on the Dakota, isolate the zone and complete into the Mesaverde. The deliverability test will be performed on the combined zones and DK rate will be subtracted from the total well stream to establish the MV rate.

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

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

SIGNATURE _____ TITLE Regulatory Analyst DATE 5/25/04

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081

(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____

Conditions of approval, if any:

1. Conditions of approval, if an Run TDT/CBL
2. Perforate DK
3. Frac the DK (Slick Water)
4. RU SU. Clean out DK frac, perform flow test, collect DK gas sample, and obtain 12-hour BHPBU
5. Set bridge plug to isolate MV from DK formation
6. Perforate and frac (2- Stage N2 Foam) the MV Formation (optional Chacra stage TBD)
7. Clean out MV frac, perform flow test for production allocation and collect MV gas sample
8. Drill out isolation plug, commingle MV/DK and clean out wellbore to PBTB.
9. Run completion string. RDSU
10. Put well on Line