

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
May 27, 2004

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

WELL API NO. 30-045-32718
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Nye LS
8. Well Number 1 M
9. OGRID Number 000778
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 COMPANY	
3. Address of Operator P.O. BOX 3092 HOUSTON, TX 77079-2064	
4. Well Location Unit Letter <u>J</u> : <u>2215</u> feet from the <u>South</u> line and <u>1815</u> feet from the <u>East</u> line Section <u>23</u> Township <u>31N</u> Range <u>11W</u> NMPM <u>SAN JUAN</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5815' chng to 5832' GR	
Pit or Below-grade Tank Application ☐ or Closure ☐	
Pit type <u> </u> Depth to Groundwater <u> </u> Distance from nearest fresh water well <u> </u> Distance from nearest surface water <u> </u>	
Pit Liner Thickness: <u> </u> mil Below-Grade Tank: Volume <u> </u> bbls; Construction Material <u> </u>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: CHANGE IN WELL LOCATION ☒		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.

The original APD was submitted on 12/06/04 and approved 12/07/04. We respectfully request to change both the surface location and bottom hole location of the subject well.

The original surface location was: (J) NWSE 2215' FSL & 1815' FEL. The new surface location will be: (G) SWNE 2450' FNL & 1850' FEL.

The original bottom hole location was: NESE 2215' FSL & 800' FEL. The new bottom hole will be: NESE 2510' FSL & 890' FEL

Please see attached the supporting documentation: C-102, Proposed Direction Survey & Drilling Plan

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

SIGNATURE Cherry Hlava TITLE Regulatory Analyst DATE 04/14/2005

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

For State Use Only

APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 20 DATE APR 19 2005
Conditions of Approval (if any):

HOLD C104 FOR Directional Survey

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 30-045-32718		2 Well Code 71599; 72319		3 Well Name Basin Dakota; Blanco Mesaverde	
4 Property Code 934		5 Property Name Nye LS			6 Well Number # 1M
7 OGRID No. 000 778		8 Operator Name BP AMERICA PRODUCTION COMPANY			9 Elevation 5832

10 Surface Location

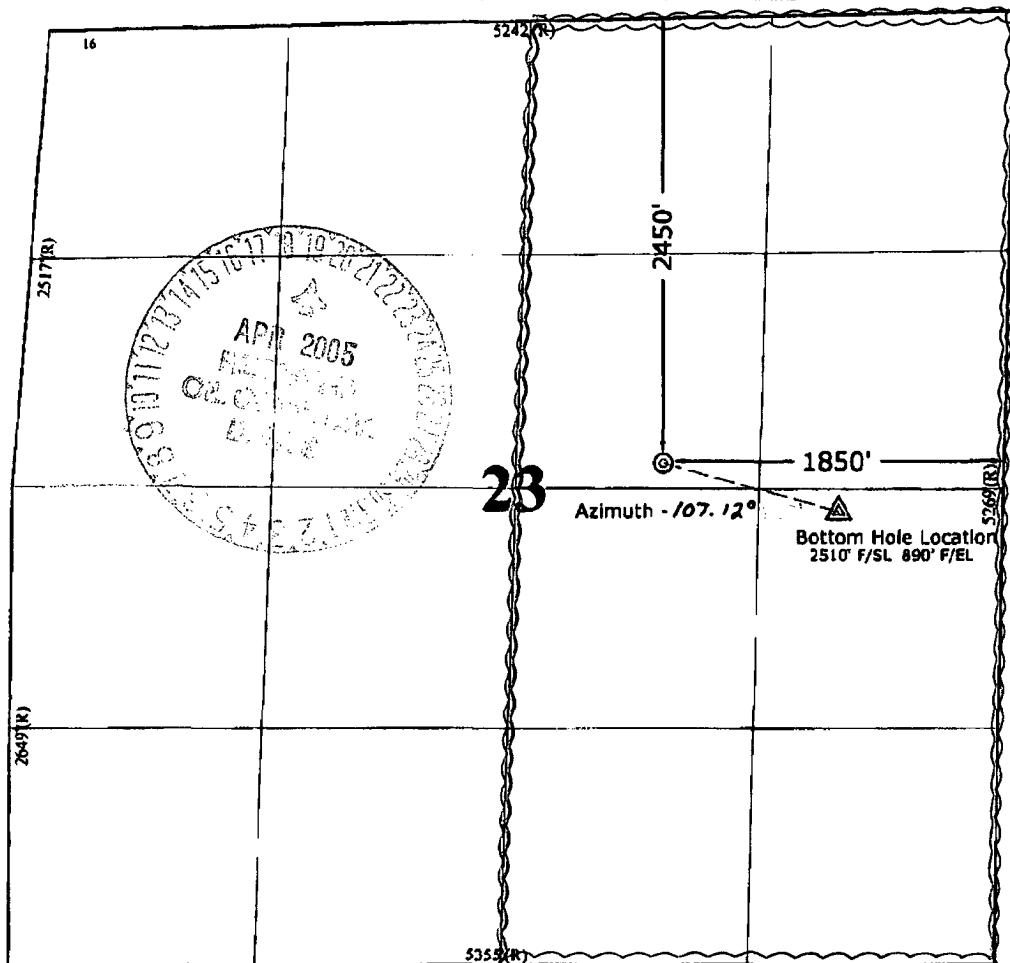
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	31 N	11 W		2450	NORTH	1850	EAST	SAN JUAN

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	23	31 N	11 W		2510	SOUTH	890	EAST	SAN JUAN

12 Dedicated Acres 320	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

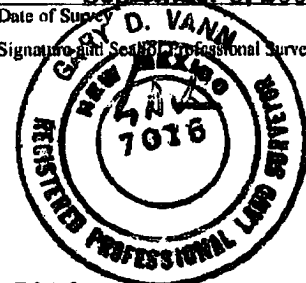
Cherry Hlava
Signature
Cherry Hlava
Printed Name
Regulatory Analyst
Title
4-14-05
Date

18 SURVEYOR CERTIFICATION

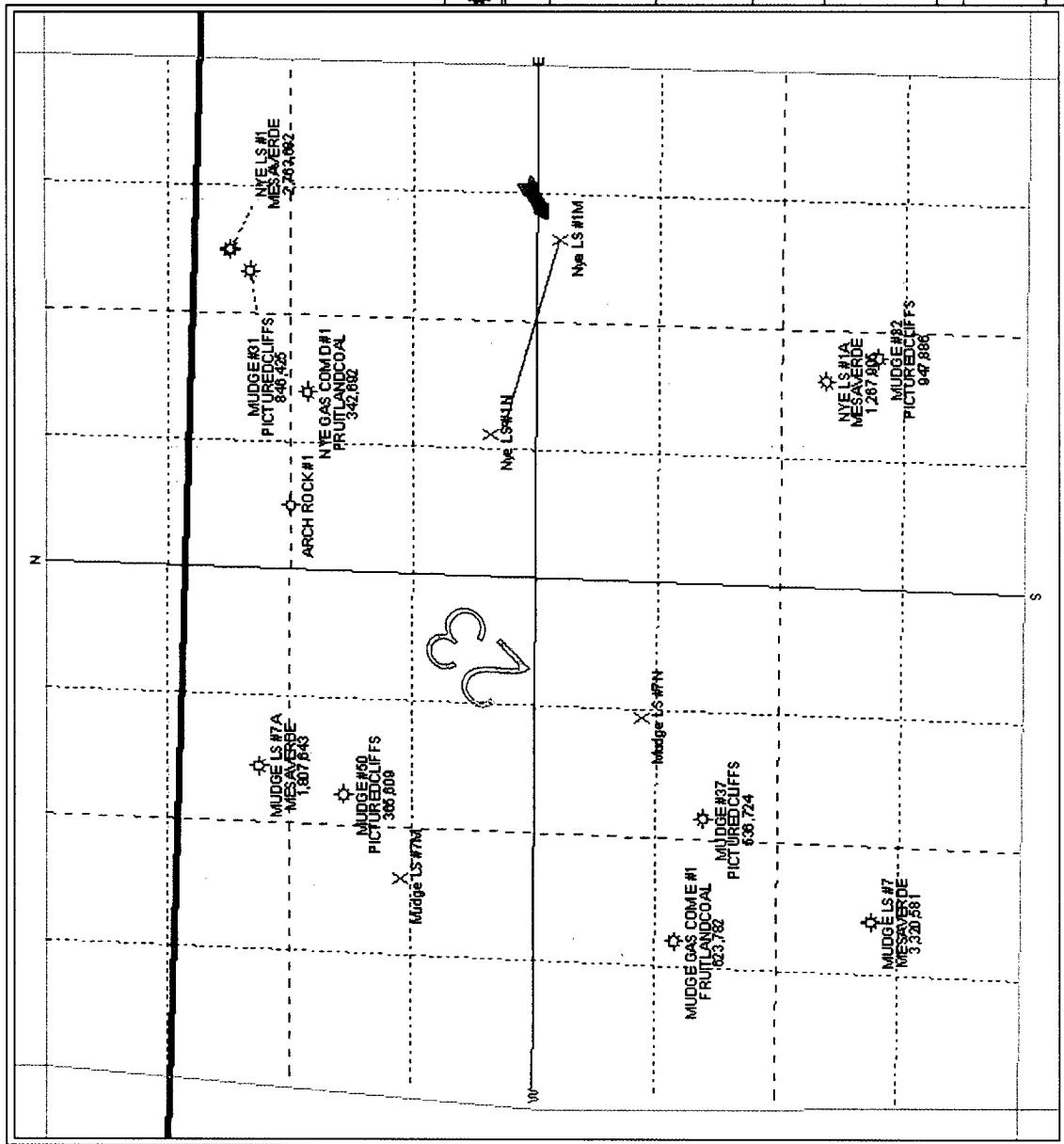
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief

Restaked: March 2, 2005
September 8, 2004

Date of Survey
Signature and Seal of Professional Surveyor



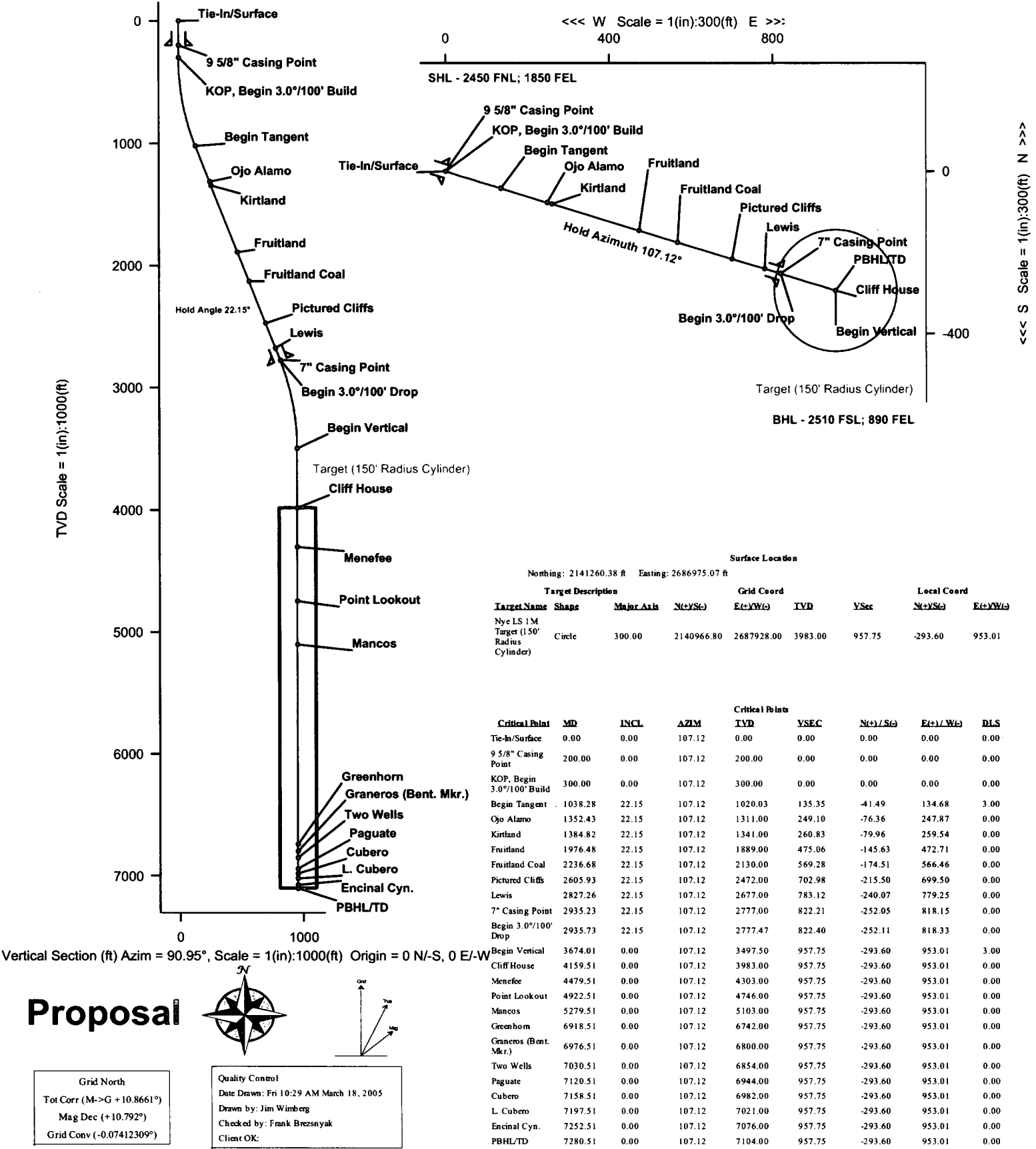
7016
Certificate Number



	BP America Production
	Nye LS #1M
	Location verification
	23-31N-11W
	Deviated well - outside seismic data
	POSTED WELL DATA
	  
	WELL SYMBOLS
	 Gas Well  Dry Hole  Uncertain
	REMARKS
	SHL=2450 FSL, 1850 FSL BHL=2500 FSL, 880 FSL Deviated due to surface culture/Artificially surface modified due to repairs -1000' impact
	By: Perkins
	 0 723 1446 FEET
	March 8, 2019



WELL Nye LS 1M			FIELD San Juan County, New Mexico			STRUCTURE BP 23-31N-11W		
Magnetic Parameters Model: BGGM 2004 Dip: 63.71° Mag Dec: +10.792°			Surface Location Lat: N36 53 3.742 Lon: W107 57 24.588 Northing: 2141260.38 BUS Easting: 2686975.07 BUS Scale Fact: 0.9899181561			Miscellaneous Stat: Nye LS 1M Plan: R1 per 18-Mar-05 TVD Ref: RGS (549.00 ft above MSL) Srvy Date: March 18, 2005		





Nye LS 1M R1 Proposal Surveys

Report Date: March 18, 2005
Client: BP America Inc.
Field: NM, San Juan County (NAD 83 WZ) 2004
Structure / Slot: BP 23-31N-11W (Nye LS 1M) / Nye LS 1M
Well: Nye LS 1M
Borehole: Original Hole
UW/API#:
Survey Name / Date: Nye LS 1M R1 jaw 18-Mar-05 / March 18, 2005
Tort / AHD / DDI / ERD ratio: 44.297° / 997.21 ft / 4.656 / 0.140
Grid Coordinate System: NAD83 New Mexico State Planes, Western Zone, US Feet
Location Lat/Long: N 36 53 3.742, W 107 57 24.588
Location Grid N/E Y/X: N 2141260.379 ftUS, E 2686975.067 ftUS
Grid Convergence Angle: -0.07412309°
Grid Scale Factor: 0.99991816

Survey / DLS Computation Method: Minimum Curvature / Lubinski
Vertical Section Azimuth: 90.950°
Vertical Section Origin: N 0.000 ft, E 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 5849.0 ft relative to MSL
Sea Bed / Ground Level Elevation: 5835.000 ft relative to MSL
Magnetic Declination: 10.792°
Total Field Strength: 51432.082 nT
Magnetic Dip: 63.718°
Declination Date: March 18, 2005
Magnetic Declination Model: BGGM 2004
North Reference: Grid North
Total Corr Mag North -> Grid North: +10.866°
Local Coordinates Referenced To: Well Head

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
Tie-In/Surface	0.00	0.00	107.12	0.00	0.00	0.00	0.00	0.00	2141260.38	2686975.07	N 36 53 3.742	W 107 57 24.588
9 5/8" Casing Point	200.00	0.00	107.12	200.00	0.00	0.00	0.00	0.00	2141260.38	2686975.07	N 36 53 3.742	W 107 57 24.588
KOP, Begin 3.0"/100' Build	300.00	0.00	107.12	300.00	0.00	0.00	0.00	0.00	2141260.38	2686975.07	N 36 53 3.742	W 107 57 24.588
Begin Tangent	1038.28	22.15	107.12	1020.03	135.35	-41.49	134.68	3.00	2141218.89	2687109.74	N 36 53 3.333	W 107 57 22.930
Ojo Alamo	1352.43	22.15	107.12	1311.00	249.10	-76.36	247.87	0.00	2141184.02	2687222.92	N 36 53 2.990	W 107 57 21.536
Kirtland	1384.82	22.15	107.12	1341.00	260.83	-79.96	259.54	0.00	2141180.43	2687234.58	N 36 53 2.955	W 107 57 21.393
Fruitland	1976.48	22.15	107.12	1889.00	475.06	-145.63	472.71	0.00	2141114.76	2687447.74	N 36 53 2.308	W 107 57 18.768
Fruitland Coal	2236.68	22.15	107.12	2130.00	569.28	-174.51	566.46	0.00	2141085.88	2687541.48	N 36 53 2.024	W 107 57 17.613
Pictured Cliffs	2605.93	22.15	107.12	2472.00	702.98	-215.50	699.50	0.00	2141044.90	2687674.51	N 36 53 1.620	W 107 57 15.975
Lewis	2827.26	22.15	107.12	2677.00	783.12	-240.07	779.25	0.00	2141020.33	2687754.25	N 36 53 1.378	W 107 57 14.993
7" Casing Point	2935.23	22.15	107.12	2777.00	822.21	-252.05	818.15	0.00	2141008.35	2687793.14	N 36 53 1.260	W 107 57 14.514
Begin 3.0"/100' Drop	2935.73	22.15	107.12	2777.47	822.40	-252.11	818.33	0.00	2141008.29	2687793.33	N 36 53 1.260	W 107 57 14.512
Begin Vertical	3674.01	0.00	107.12	3497.50	957.75	-293.60	953.01	3.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Cliff House	4159.51	0.00	107.12	3983.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Menefee	4479.51	0.00	107.12	4303.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Point Lookout	4922.51	0.00	107.12	4746.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Mancos	5279.51	0.00	107.12	5103.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Greenhorn	6918.51	0.00	107.12	6742.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Graneros (Bent. Mkr.)	6976.51	0.00	107.12	6800.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Two Wells	7030.51	0.00	107.12	6854.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Paguate	7120.51	0.00	107.12	6944.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Cubero	7158.51	0.00	107.12	6982.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
L. Cubero	7197.51	0.00	107.12	7021.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
Encinal Cyn.	7252.51	0.00	107.12	7076.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853
PBHL/TD	7280.51	0.00	107.12	7104.00	957.75	-293.60	953.01	0.00	2140966.80	2687928.00	N 36 53 0.851	W 107 57 12.853

Survey Type: Raw Proposal

Survey Error Model: SLB ISCWSA version 21 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)

0.00

MD To (ft)

7280.51 1/100.00 ft SLB_MWD-STD

EQU Freq

Survey Tool Type

BP AMERICA PRODUCTION COMPANY

DRILLING AND COMPLETION PROGRAM

3/23/2005

Lease:	Nye LS	Well Name & No.	Nye LS #1M	Field:	Blanco Mesaverde/Basin Dakota
County:	San Juan, New Mexico	Surface Location:	23-31N-11W: 2450' FNL, 1850' FEL		
Minerals:	State	Surface:	Lat: 36.8843728 Long: -107.9568301		
Rig :	Aztec 184	BH Location:	2510' FSL, 890' FEL; Lat: 36.8835697 Long: -107.9535704		

OBJECTIVE: Drill 250' 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: 5835	Estimated KB: 5,849.0'				
Rotary	0 - TD	Marker		SUBSEA	TVD	APPROX. MD	
LOG PROGRAM		Ojo Alamo		4,538'	1,311'	1,352'	
Type	Depth Interval	Kirtland		4,508'	1,341'	1,385'	
Single Run		Fruitland	*	3,960'	1,889'	1,976'	
		Fruitland Coal	*	3,719'	2,130'	2,237'	
		Pictured Cliffs	*	3,377'	2,472'	2,606'	
		Lewis	*	3,172'	2,677'	2,827'	
Cased Hole		Cliff House	#	1,866'	3,983'	4,160'	
TDT- CBL		TD to 7" shoe	Menefee	#	1,546'	4,303'	4,480'
	Identify 4 ½" cement top	Point Lookout	#	1,103'	4,746'	4,923'	
REMARKS:		Mancos		746'	5,103'	5,280'	
- Please report any flares (magnitude & duration).		Greenhorn		-893'	6,742'	6,919'	
		Graneros (bent,mkr)		-951'	6,800'	6,977'	
		Two Wells	#	-1,005'	6,854'	7,031'	
		Paguete	#	-1,095'	6,944'	7,121'	
		Cubero	#	-1,133'	6,982'	7,159'	
		L. Cubero	#	-1,172'	7,021'	7,198'	
		Encinal Cyn	#	-1,227'	7,076'	7,253'	
		TOTAL DEPTH:			-1,255'	7,104'	7,281'
		# Probable completion interval				# Possible Pay	

SPECIAL TESTS	DRILL CUTTING SAMPLES	DRILLING TIME
TYPE	FREQUENCY	DEPTH
None	30'/10' intervals	2,927' to TD
		Geolograph
		0 - TD

REMARKS:	
-----------------	--

MUD PROGRAM:					
Interval	TypeMud	#/gal	Vis, sec/qt	/30 min	Other Specification
200'	Spud	8.8 - 9.0	Sufficient to clean hole.		
2,927'	Water/LSND	8.4 - 9.0		<9	Sweep hole while whilst water drilling, LCM onsite
7,281'	Air	1	1000 cfm for hammer		Volume sufficient to maintain a stable and clean wellbore

CASING PROGRAM:							
CasingString	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	2,927'	8-3/4"	7"	J/K-55 ST&C	20#	100' below LWIS	cmt to surface
Production	7,281'	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	Depth	Anticipated bottom hole pressure	Max anticipated surface pressure**
Cliffhouse	3,983'	500	0
Point Lookout	4,746'	600	0
Dakota	6,854'	2600	1092.12

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		23-Mar-05		
Form 46 7-84bw	For Drilling Dept.		For Production Dept.	