Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

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.

2005 OCT 31 PM 2 20

SUBMIT IN TRIPLICATE – Other instructions on reverse side

RECEIVED
070 FARMINGTON NM

5. Lease Serial No.
SF - ~~080358~~ 078096

6. If Indian, Allottee or tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
☐ Oil Well ■ Gas Well ☐ Other

8. Well Name and No.
Nye LS 1N

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

9. API Well No.
30-045-32767

3a. Address
PO BOX 3092 HOUSTON, TX 77253

3b. Phone No. *(include area code)*
281-366-4081

10. Field and Pool, or Exploratory Area
BASIN DAKOTA0 / BLANCO MEOSAVERDE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
~~2036'~~ 2305' FNL & 1900' FEL; SEC 23 T31N R11W SWNE Mer NMP

11. County or Parish, State
SAN JUAN, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
■ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	■ Other **Surface & Intermediate Hole Depth Change**
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug and Abandon	☐ Water Disposal	
	☐ Convert to Injection	☐ Plug Back		

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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

The original APD was submitted on 12/14/04 and approved 03/30/05.

BP America respectfully requests BLM approval to change the surface hole depth from 200' to 400'. Additionally, we request approval to change the intermediate hole depth from 2974' to 4385'. This request is due to the fact that water is expected from the Cliffhouse formation which could interfere with the air drilling of the 6-1/4" production hole. The 7" casing string will be set 100' into the Menefee formation @4385'.

Please see the attached revised cement report – The grade & weight of the intermediate casing is acceptable to the depth proposed but NO DEEPER due to the capabilities of the proposed casing.

14. I hereby certify that the foregoing is true and correct
Name (Printed/typed)
Cherry Hlava Title **Regulatory Analyst**

Signature Cherry Hlava Date **10/25/05**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Adrienne Brumley Title Pet. Eng Date 11/3/05

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 FFO

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 witin its jurisdiction.

NMOCD

RECEIVED
NOV 2005
OIL CONS. DIV.
DIST. 3

Cementing Program

Revision 10/25/05

Well Name:	Nye LS #1N		
Location:	23-31N-11W:2365' FNL, 1900' FEL		
County:	San Juan	Well Flac	
State:	New Mexico	Formation:	Blanco Mesaverde/Basin Dakota
		KB Elev (est)	5843
		GL Elev. (est)	5829

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	400	13.5	9.625	ST&C	Surface	NA	
Intermediate	4385	8.75	7	~~ST~~LT&C	Surface	NA	
Production -	7100	6.25	4.5	ST&C	4285	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~~ 2270	1400	254	0.0787	8.845
Intermediate	7	20	K-55	3740	2270	254 ~~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
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

Recommended Mud Properties Prio Cementing:

PV	<20
YP	<10
Fluid Loss	<15

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	308 sx	Class C Cement	391 cuft
	TOC@Surface		+ 2% CaCl2 (accelerator)	
				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

Cementing Program

Intermediate:

	Fresh Water	20 bbl	fresh water	
	Lead	**375**	**sx Class "G" Cement**	986 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)	
	500 ft fill		+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	**79**	**LiteCrete D961 / D124 / D154**	198 cuft
	Slurry 1		+ 0.03 gps D47 antifoam	
	TOC, 150' above 7" shoe		+ 0.5% D112 fluid loss	
			+ 0.11% D65 TIC	
	Tail	**150**	**sx 50/50 Class "G"/Poz**	216 cuft
	Slurry 2		+ 5% D20 gel (extender)	
	1505 ft fill		+ 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	
				0.1026 cuft/ft OH

Slurry Properties:	Density (lb/gal)	Yield (ft3/sk)	Water (gal/sk)	0.1169 cuft/ft csg ann
Slurry 1	9.5	2.52	6.38	
Slurry 2	13	1.44	6.5	Top of Mancos 5095

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