Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

WOICH WOULD ONTING	the applicant to condu	ct operations thereon.	Office Farmin	nton	
certify that the applic		d. Approval of this notice does not wantable title to those rights in the subje			
Approved By JA(CK SAVAGE		TitlePETROL	EUM ENGINEER	Date 03/15/2016
metal set so		THIS SPACE FOR F	EDERAL OR STATE	OFFICE USE	
Signature	(Electronic S	Submission)	Date 03/09/	2016	
Name (Printed/I	Typed) TOYA CO	LVIN	Title REGU	LATORY ANALYST	
		Electronic Submission #33325 For BP AMERICA PRODU mmitted to AFMSS for processing	CTION COMPANY, sent ng by JACK SAVAGE on	to the Farmington 03/15/2016 (16JWS0117SE)	
In accordance operations.	ce with NMOCD P	it Rule 19.15.17.9 NMAC, BP	will use a closed-loop s	ystem during	
Please see the	he attached P&A	procedure including BLM requ	ired reclamation plan de	ocuments.	
BP America	Production Comp	any respectfully requests to P&	&A the subject well.		
If the proposal in Attach the Bond following comp testing has been	is to deepen directions d under which the world detion of the involved	eration (clearly state all pertinent detailly or recomplete horizontally, give sick will be performed or provide the Bo operations. If the operation results in andonment Notices shall be filed only inal inspection.)	ubsurface locations and meas and No. on file with BLM/Bl a a multiple completion or re-	ured and true vertical depths of all p A. Required subsequent reports sha completion in a new interval, a Form	pertinent markers and zones. all be filed within 30 days an 3160-4 shall be filed once
		Convert to Injection	☐ Plug Back	☐ Water Disposal	
☐ Final Aban	donment Notice	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
Subsequent	t Report	☐ Casing Repair	□ New Construction	Recomplete	Other
✓ Notice of Ir	ntent	☐ Acidize ☐ Alter Casing	☐ Deepen ☐ Fracture Treat	☐ Production (Start/Resume	e) ☐ Water Shut-Off ☐ Well Integrity
1 TPE OF SC	OBMISSION			The state of	
	UBMISSION			OF ACTION	
T.	2. CHECK APPI	ROPRIATE BOX(ES) TO INI	DICATE NATURE OF	NOTICE, REPORT, OR OT	THER DATA
Sec 17 T29N	Il (Footage, Sec., T NR9W NENW 099 I Lat, 107.804520			11. County or Par SAN JUAN	rish, and State COUNTY, NM
HOUSTON,	TX 77079	. THREE ELDRIGE PLACEPh:	Phone No. (include area code 281-366-7148	BLANCO PI	ICTURED CLIFFS
Name of Operat BP AMERICA	tor A PRODUCTION	Contact: TOY/ COMPANMail: Toya.Colvin@bp	A COLVIN o.com	9. API Well No. 30-045-083	96-00-S1
1. Type of Well Oil Well	☑ Gas Well ☐ Oth	ner		8. Well Name and W D HEATH	
	SUBMIT IN TRI	PLICATE - Other instructions	s on reverse side.	7. If Unit or CA/A	Agreement, Name and/or No.
	Do not use thi abandoned wel	is form for proposals to drill II. Use form 3160-3 (APD) for	or to re-enter an r such proposals.	6. If Indian, Allot	ttee or Tribe Name
	SUNDRY	5. Lease Serial N NMSF0763	0.		
	BI	UREAU OF LAND MANAGEM	ENT		nies. July 51, 2010

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



NMOCD:

BP would like to permanently abandon the W.D. Heath A #6 well as per the attached procedure and wellbore schematics.

PLUG AND ABANDONMENT PROCEDURE

Blanco Pictured Cliffs
900' FNL and 1650' FWL, Section 17, T29N, R9W
San Juan County, New Mexico / API 30-045-08396
Lat: N _____ / Lat: W

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

- Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety
 regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on
 location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well.
 Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND
 wellhead and NU BOP. Function test BOP.
- Rods: Yes____, No__X__, Unknown____.
 Tubing: Yes__X_, No____, Unknown____, Size____1-1/4"_, Length _____.
 Packer: Yes____, No__X__, Unknown_____, Type______.

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate. TOH and LD 1-1/4" tubing. PU 2-3/8" tubing workstring. Round trip 5.5" mill to 2100'.

- Plug #1 (Pictured Cliffs interval and Fruitland top, 2100' 1816'): RIH and set 5.5" CR at 2100'. Circulate well clean. Pressure test tubing to 1000#. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 38 sxs Class B cement inside casing from 2100' to cover the PC interval and Fruitland top. PUH.
- 4. Plug #2 (Kirtland and Ojo Alamo tops, 1143' 940'): Mix and pump 29 sxs Class B cement inside casing to cover through the Ojo Alamo top. TOH.
- Plug #3 (8.625" casing shoe, 342' 0'): Perforate 3 squeeze holes at 342'. Attempt to establish
 a rate. If able to establish circulation then mix and pump 112 sxs Class B cement to surface.
 Circulate good cement to surface. SI well and WOC.
- ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A
 marker to comply with regulations. Record GPS coordinate for P&A marker on tower report.
 Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM
 stipulations

W.D. Heath A #6

Proposed P&A

Blanco Pictured Cliffs

Today's Date: 02/17/16 Spud: 2/20/58

Completed: 2/24/58 Elevation: 5661' GI

5673' KB

12.25" hole

990' FNL, 1650' FWL, Section 17, T-29-N, R-9-W San Juan County, NM, API #30-045-08396

Class B cement, 112 sxs 8.625" 22# Casing set @ 292'

Plug #3: 342' - 0'

Plug #2: 1143' - 940' Class B cement, 29 sxs

Perforate @ 342'

TOC unknown, did not circulate

Cement with 250 sxs, circulated

Ojo Alamo @ 990'

Kirtland @ 1093'

Fruitland @ 1866'

Pictured Cliffs @ 2145'

TD 2241'
PBTD 2222'

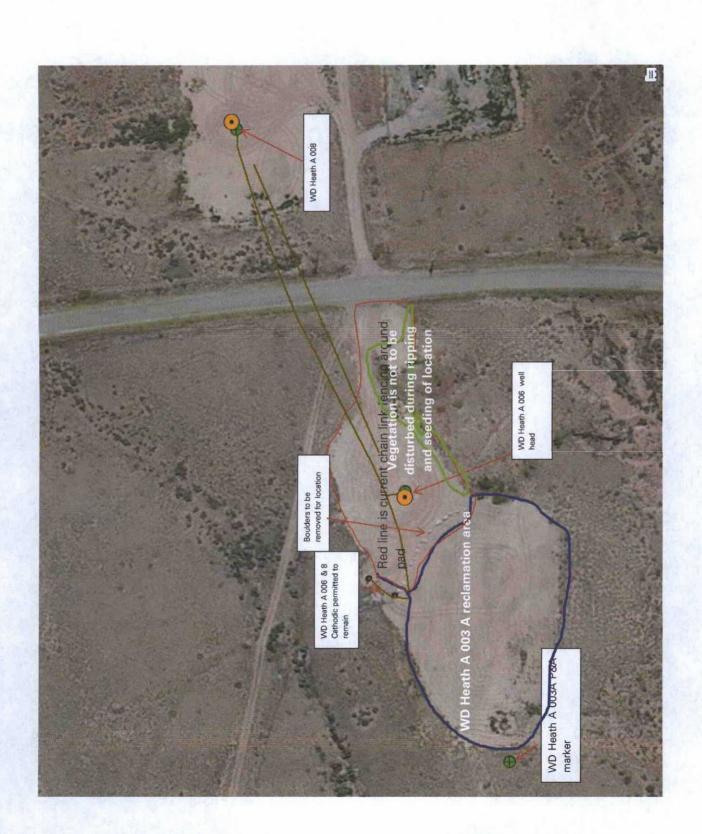
7.875" hole

Plug #1: 2100' - 1816' Class B cement, 38 sxs

Set CR @ 2100'

Pictured Cliffs Perforations: 2150' – 2209'

5.5",14#, Casing set @ 2241' Cement with 550 sxs (923 cf)



SURFACE USE PLAN OF OPERATIONS WEED MANAGEMENT

A.1. Pre Disturbance Weed Management Procedure and Form

During the onsite inspection, the FFO and operator's representative(s) will survey the proposed action area for noxious weeds listed on the New Mexico Department of Agriculture's A and B list (attached). If no weeds on the A or B list were observed, the FFO will indicate on the standard onsite check list form that no noxious weeds were observed within the proposed project site. If noxious weeds are found, the FFO will fill out the Onsite Noxious Weed form (attached). The FFO representative and the operator's representative will sign the form, and the FFO representative will submit the completed form to the FFO weed coordinator.

The FFO weed coordinator will review the form and analyze the noxious weed issues. The FFO weed coordinator will electronically submit to the operator within 30 days of the onsite, specific requirements and instructions for weed treatments. The requirements and instructions will include the time frame of treatment, approved herbicides that may be used, required documentation to be submitted to the FFO after treatment, and any other site specific instructions that may be applicable. Due to the seasonal nature of effective weed treatment techniques, the operator may be required to treat before ground disturbance, or may be required to treat the area after ground disturbance to avoid unreasonable delays to the operator's drilling program.

A.2. Class A Species

Class A species are currently not present in New Mexico, or have limited distribution. Preventing new infestations of these species and eradicating existing infestations is the highest priority.

Common Name	Scientific Name
Alfombrilla	Drymaria arenariodes
Black henbane	Hyoscyamus niger
Camelthorn	Alhagi psuedalhagi
Canada thistle	Cirsium arvense
Dalmation toadflax	Linaria dalmatica
Diffuse knapweed	Centaurea diffusa
Dyer's woad	Isatis tinctoria
Eurasian watermilfoil	Myriophyllum spicatum
Giant salvinia	Salvinia molesta
Hoary cress	Cardaria spp.
Hydrilla	Hydrilla verticllata
Leafy spurge	Euphorbia esula
Oxeye daisy	Leucanthemum vulgare
Parrotfeather	Myriophyllum aquaticum
Purple loosestrife	Lythrum salicaria
Purple starthistle	Centaurea calcitrapa
Ravenna grass	Saccharum ravennae
Scotch thistle	Onopordum acanthium
Spotted knapweed	Centaurea biebersteinii
Yellow starthistle	Centaurea solstitialis
Yellow toadflax	Linaria vulgaris

A.3. Class B Species

Class B species are limited to portions of the state. In areas with severe infestations, management should be designed to contain the infestation and stop any further spread.

Common Name	Scientific Name
African rue	Peganum harmala
Chicory	Cichorium intybus
Halogeton	Halogeton glomeratus
Malta starthistle	Centaurea melitensis
Musk thistle	Carduus nutans
Perennial pepperweed	Lepidium latifolium
Russian knapweed	Acroptilon repens
Poison hemlock	Conium maculatum
Teasel	Dipsacus fullonum
Tree of heaven	Ailanthus altissima

Onsite Noxious Weed Form

		ame and Nu	n Ra	nge. S	Section 2	9N, 9V	N, 17				Date 3/3	3/2010		
Alfombrilla								90 FNL		Ja '.	1650	FWL	10	FWS 1
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henbane							Hydr	rilla						CO-SECURITION OF STREET
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Canada triistie	Ca	amelthorm					Oxey	ye daise			3555-410-72-584	stle		
Class B Noxious Weed – Check Box if Found African rue				Giant	t salvinia			anico anange s	r		knapweed			4/11/2
African rue Perennial Russian knapweed Tree of heaven Chicory Musk thistle Poison hemlock Halogeton Malta starthistle Teasel Comments:				Hoar	y cress							1.16		100
African rue pepperweed Russian knapweed Tree of heaven Chicory Musk thistle Poison hemlock Halogeton Malta starthistle Teasel Comments:	Y		Cl	ass B	Noxio	us V	Veed	1 – C	hecl	k Bo	x if Fou	nd		
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FFO Representative:	ero r	lenresent	ativ	p.										

P&A Field Inspection Sheet

Date: 03/03/2	016					Specialist: S. E	30000 51 101			And the second second	
Operator: BP America						Well Name & Number: W D Heath A 006					
API Numbe	er: 30-045-0839	6				Section: 17	Section: 17 Township: 29N Range: 9W				
Lease Numl	ber:	NMSF (076337			Footage: 990 F	NL, 1650 FV	VL			
	-100		The same			County: San Juan State: NM					1.6.11
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					Well	l Pad					
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Given that the well pad has well established forbes and vegetation the BLM has requested only the bare areas be ripped and seeded - No grading or re-contouring required for this site. Boulders in the southwest area will be removed.

Well name and no: W D Heath A 006

API No. 30-045-08396

Plugging & Abandonment Surface Reclamation Plan

Operator:	BP America	Location:	Sec. 17, Twn: 29N, Range 9W
Well name & No:	W D HEATH A 006	County, State:	San Juan County, NM
API No:	30-045-08396	Revision:	0
Surface:	BLM		
Date:	03/03/2016		THE REPORT OF THE PARTY OF THE

This document outlines the final reclamation plan for the W D HEATH A 006 well site, API 30-045-08396, based on the BLM/BP on-site inspection conducted on 03/03/2016 and in accordance with Onshore Order No. 1 and the FFO Bare Soil Reclamation Procedures C (dated 2/2013).

Reclamation work on this well pad will be limited to equipment removal and ripping and seeding of the bare areas within the fence currently in place.

PROPOSED VEGETATION RECLAMATION PLAN

General Notes:

- BP will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.
- BP will notify the BLM forty-eight (48) hours prior to commencing earthwork.
- BP will notify the Authorized Officer forty-eight (48) hours prior to commencing with seed application.
- All underground production piping on the well site will be removed or abandoned-inplace.
- BP power poles, rectifier and/or radio equipment will be in current location as it is in service of the W D Heath 008 across the road, as approved by BLM Personnel.
- All rig anchors found on location will be removed.
- Disturbance will be limited to the bare areas of well pad and access road boundaries.
- All surface equipment identified on location at time of P&A will be removed from location.
- All trash, if any, will be removed from location.
- The P&A marker will be permanent and comply with all NMOCD regulations.

Well Site Reclamation:

(Note: some steps may occur in a different sequence than listed below)

- For future reference, pre-construction conditions are documented in the attached Inspection Form and shown in the attached photos.
- Temporary and / or permanent storm water and erosion control BMP's will be
 employed at appropriate locations around the pad as dictated by local drainage
 patterns and expected areas of disturbance, slopes and across the access road. BMP's
 selection will be determined by local factors and will be a combination of sediment
 and erosion controls that are deemed effective and low maintenance. Straw wattles,
 diversion ditches, mulch, soil blankets, and/or other suitable BMP's may be used in
 various combinations, as appropriate, during and after construction activities. Any

API No. 30-045-08396

temporary means to control storm water will be removed before final reclamation is achieved.

- Vegetation and approximately 6 inches of soil will be stripped and stockpiled to use after grading operations to facilitate re-vegetation.
- Gravel on the well site surface will be removed and boulders in the southwest corner will be removed from location.
- The pad bare areas will be ripped and will just be disc 4-6 inches to break any clods and prepare the location for seeding. Avoiding the vegetation currently growing on location.
- This locations reclamation will include the entry way from the road leading to the well site.
- · Mature, healthy vegetation on the site and the perimeter will be left intact.
- Natural drainage patterns will be established when possible and practical. Additional
 means for ensuring proper drainage, such as water bars or diversion ditches, may be
 employed. The natural drainage patterns already in existence will be maintained and
 enhanced with the fill material on site.
- · Disturbed areas will be prepared for seeding.
- · A seed drill will be utilized to create a firm bed.
- After the site has been prepared, the location will be seeded using appropriate equipment.
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedure C.
- The current chain link fence will remain in place to allow for re-vegetation of the reclaimed well pad area.

Access Road Reclamation:

There is one short access into this location which will be reclaimed as this well pad is the only one that is serviced by the road. Road reclamation will continue back to the prior well pad

Re-vegetation:

The planned, initial seed mixture and application rates for the Pinion/Juniper Community identified during the site visit will be as follows. The seed application rates may be adjusted according the based upon method of application.

Species of seed	Pound/Acre (PLS)
Fourwing saltbush (Atriplex canescens)	4.0
Winterfat (Krascheninnikovia)	2.0
Indian ricegrass (Achnatherum)	3.0
Sand dropseed (Sporobolus cryptandrus)	0.5
Western wheatgrass (Pascopyrum smithii)	3.0
Siberian wheatgrass (Agropyron fragile)	3.0
Blue grama (Bouteloua gracilis)	2.0
Scarlett globemallow (Sphaeralcea coccinea)	0.25

Total	17.75
Total	17.73

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding upon request.

Seeding will occur as soon as reasonably possible following completion of earthwork activities and timed for successful germination.

To prepare the site for seeding, only the seed drill will be necessary to create a firm bed. The seed mix is designed to be applied at 60 Total PLS per square foot which will ensure adequate stand density and diversity. Seeding will be completed using a no-till drill or Brillion drill seeder, this method allows for the handling of a wide variety of seed types and sizes in addition to establishing good seed to soil contact without undo disruption of the soil surface. Using a no till or Brillion drill also provides proper seed planting depth which will be approximately 1/8 inch.

Weed Management:

BP's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation. No noxious weeds were noted during the onsite visit.

Weed management and control will be performed by a properly licensed contractor and within full compliance of all federal and state laws and regulations.

Weed management and control will be performed in an environmental conscious manner using BMP's.

Monitoring:

BP will submit a Sundry Notice informing the BLM the earthwork and seeding is completed and requesting a joint inspection to examine the site.

After approval of earthwork and seeding the FFO in collaboration with BP will establish a line point intercept transect.

After establishment of adequate vegetation, BP will read the line point intercept transect and take photos of the site. BP will submit a Sundry Notice (FAN) requesting approval of the reclaimed well location. Data results from the line point intercept transect and photos of the location and access road will be submitted as supporting documentation of the FAN Sundry Notice.

Any fencing installed to assist with re-vegetation will be removed once there is agreement from the BLM that the vegetation percent cover standard has been attained.

Attachments:

Well name and no: W D Heath A 006 API No. 30-045-08396

- · Reference photos of location taken on February 25, 2016.
- P&A Field Inspection Sheet performed on March 3, 2016.
- · Aerial of location with short description of reclamation plan.

API No. 30-045-08396

Onsite Noxious Weed Form

If noxious weeds are found coordinator.	during the onsite, fill out and submit to FFO we	ec
Operator: BP America	Surveyor(s): Steve Moskal (BP), Sabre Bee	ebe
(BP) and Bob Switzer (BLM)		
Well Name and Number WDH	EATH A 006 Date: March 3, 2016	
Location: Township 29N Rang	e <u>9W</u> Section <u>17</u>	
Location of Project NAD 83 De	cimal Degrees	

Class A Noxious Weed - Check Box if Found

Alfombrilla	Diffuse knapweed	Hydrilla	Purple Starthisle	Yellow toadflax
Black henbane	Dyer's woad	Leafy spurge	Ravenna grass	
Camelthorn	Eurasian watermilfoil	Oxeye daise	Scotch thistle	
Canada thistle	Giant salvinia	Parrotfeather	Spotted knapweed	
Dalmation toadflax	Hoary cress	Purple loosestrife	Yellow starthistle	

Class B Noxious Weed - Check Box if Found

African rue	Perennial pepperweed	Russian knapweed	Tree of heaven
Chicory	Musk thistle	Poison hemlock	7.078
Halogeton	Malta starthisle	Teasel	

x No noxious weeds identified at time	ne of on site
Comments:	
FFO Representative:	
Operator Representative:	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT FARMINGTON DISTRICT OFFICE

6251 COLLEGE BLVD. FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: WD Heath A 6

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
- 2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.
- 3. The following modifications to your plugging program are to be made:
 - a) Bring the top of Plug #2 to 890 ft. to cover the Ojo Alamo top. BLM picks top of Ojo Alamo at 940 ft. Adjust cement volume accordingly.

Operator must run a CBL to verify cement top. Submit the electronic copy of the log for verification to the following addresses: jwsavage@blm.gov Brandon.Powell@state.nm.us

Low concentrations of H₂S (2 ppm - 226 ppm GSV) have been reported in several wells within a 1 mile radius of this location.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.