Form 3160-5 (August 2007)

# **UNITED STATES**

SUNDRY NOTICES AND REPORTS ON WELLS

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANGEMENT**  FORM APPROVED
JUN 29 200 OMB No. 1004-0135

RECEIVED

gur 	expires July 31, 2010 મુદ્રેત of Lease હવાનો મેટgement Parmington Field Offics F 078139					
	6.	If Indian, Allottee or tribe Name				

Do not use this form for proposals to drill or to re-enter an	attington ried Omes. 0/0139							
Abandoned well. Use Form 3160-3 (APD) for such proposals.	6. If Indian, Allottee or tribe Name							
SUBMIT IN TRIPLICATE = Other instructions on re	7. If Unit or CA/Agreement, Name and/or No.							
1. Type of Well	8. Well Name and No.							
Oil Well 🛛 Gas Well 🖵 Other	E.E. Elliott B 6							
2. Name of Operator	9. API Well No.							
BP America Production Company Attn: Cherry Hlava	30-045- <i>09188</i>							
3a. Address       3b. Phone No. (include area color)         P.O. Box 3092 Houston, TX 77253       281-366-4081	10. Field and Pool, or Exploratory Area  Blanco Picture Cliffs							
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1837' FNL & 1830' FWL SENW SEC 27 T30N R09W	11. County or Parish, State San Juan County, New Mexico							
12. CHECK APPROPRIATE BOX(ES) TO INDICATE	NATURE OR NOTICE, REPORT, OR OTHER DATA							
TYPE OF SUBMISSION	TYPE OF ACTION							
Acidize Deepen	Production (Start/Resume) Water shut-Off							
Notice of Intent  Alter Casing  Fracture Tree	eat Reclamation Well Integrity							
Casing Repair New Const	truction Recomplete Dther							
Subsequent Report Change Plans Plug and A	bandon Water Disposal							
Final Abandonment Notice Convert to Injection Plug Back								
provide the Bond No on file with BLM/BIA Required subsequent reports shall be filed within 30 days follow	any proposed work and approximate duration thereof I true vertical depths of all pertinent markers and zones —Attach the Bond under which the work will be performed or ing completion of the involved operations —If the operation results in a multiple completion or recompletion in a new only after all requirements, including reclamation, have been completed, and the operator has determined that the site is							
After review of the above mentioned well BP finds no further poten	tial for uphole recompletion. RCVD JUL 1'09							
BP respectfully requests permission to Abandon the entire wellbore per the attached procedure.								
	DIST. 3							
14. I hereby certify that the foregoing is true and correct Name (Printed/typed)								
Cherry Hlava	Title Regulatory Analyst							
Signature Cherry Hlava	Date 06/26/2009							
THIS SPACE FOR FEDER	AL OR STATE OFFICE USE							
Original Signed: Stephen Mason Approved by	Title JUN 3 C 20(3							
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 witin its jurisdiction



### **BP - SJ Basin Proposed P&A Procedure** 30-045-09188

Well Name: E E Elliott B6

Date:

June 22, 2009

Location:

Sec 27 T30N R09W

API:

30-045-09188

Engineer:

**Matt Mientka** 

Location:

Unit F Sec 27-T30N-R09W

Regulatory: BLM and NMOCD

CO2:

2.0309

H2S:

**None Known** 

# Objective: Plug and Abandon PC well due to poor economics and future compliance risk.

- 1. Pull out of hole and lay down with 1 1/4" completion.
- 2. Set CIBP above PC perfs
- 3. Log 4 1/2" with CBL, locate Top of Cement.
- 4. Spot cement plugs across gas and fresh water zones.
- 5. Cement top of 4 1/2" casing.
- Remove wellhead and Reclaim location.

Well History: The E E Elliott B6 was drilled in 1959 and completed in the Pictured Cliffs formation. The well has 4 1/2" casing run to 2682' and cement was circulated back to surface. Besides original completion, no other rig work is reported. Currently, the well has 1 1/4" tubing and is a poor producer. The well is possibly being drained by an offset Fruitland well. It is not economic to repair the well, and is a risk to of being a nonproducer and compliance issue.

#### **Procedure**

- 1. Contact BLM and NMOCD 24 hrs before beginning P&A process to ensure scheduling of personnel to witness casing pressure testing, CBL results and cement placement.
- 2. Check and record tubing, casing, and bradenhead pressures. Check gas H2S content and treat if the concentration is > or equal to 10 ppm.
- 3. MIRU workover rig. LO/TO all necessary equipment including but not limited to: meter run, Automation, Separators and water lines. Test BOPs.
- 4. Kill well and POOH with 1 1/4" tubing and lay down.
- 5. Pick up and RIH with 2 3/8" work string and casing scraper for 4 1/2" casing. Run scraper to ~2570'. POOH
- 6. Pick up plug and setting tool and RIH and set CIBP @ 2550'. Load hole and test casing to 500 psi. Contact engineer and discuss picking up packer and locating holes if casing does not pass test.

- 7. Run CBL from CIBP' to surface. Find TOC behind 4 1/2" and contact engineer to discuss any remedial cement squeeze work.
- 8. RIH with 2-3/8" open-ended workstring to ~2550'. Pump and displace ~9 cu. ft of G-Class cement from 2550' to 2500'. This will isolate the Pictured Cliffs formation with a 50' plug + ~50' excess and a mechanical barrier. WOC.
- 9. RIH with 2-3/8" open-ended work string to 2350'. Pump and displace ~17.5 cu. ft of G-Class cement from 2350' to 2150'. This will isolate the Fruitland formation with a 200' plug and ~50' excess. WOC

1533

- 10. RIH with 2-3/8" open-ended work string to 1600'. Pump and displace ~31.5 cu. ft of G-Class cement from 1600' to 1200'. This will isolate the Ojo Alamo formation with a 311' plug and ~50' excess. WOC
- 11. If necessary, due to poor cement behind pipe, POOH with 2-3/8" workstring. RU wireline w/ Deep firing perforating gun and RIH to +/- 245' and perforate 4 1/2" casing.
- 12. Establish injection rate down casing. Once injection rate has been established attempt to pump ~100 cu. ft cement to squeeze cement to surface behind 4 1/2" casing Pump excess cement as necessary.
- 13. Cut off extra 4 1/2" casing, top off with cement. Remove wellhead and Place P&A marker. Reclaim location.

WELL NAME: LOCATION:	E E Elliott B6			bp	SPUD DATE:		09/28/59 10/02/59
SEC/TWN/RNG		T30N	R9W	•	COMP DATE	C:	20/9/59
	San Juan Co., NN	<u> </u>			POPM ASTON		D' 4 CH'CC
WELL TYPE: BP WI:	100.0%	NRI:	85.0%		FORMATION API#:	N:	Pictureed Cliffs 30-045-09188
D1 W1.	BCPD	BWPD	MCFD		At III.		30-043-07188
PC IP	L		3,758	·····	E E Elliott B6	<u> </u>	
SURFACE CAS 8 5/8"	ING DESIGN						GL 5854' KB 5865'
		22.7#/ft	0				
SET @	205'			<b>*</b>			8 5/8" 22 7# Csg @ 205'
st Stg CEMENT TAIL IN W/		v/ 2% CaCl		å			w/160 sx TOC @ surf (circ.)
TOC	Surf					8	
Det. By	17 sx cir	reulated					
	CASING DESIGN						
4 1/2"	-	9 5#					
SET @	2680'		j				
	600 sx 6% gel and	1.5 lbs/sk tuf plug					
TAIL IN W/	50 sx	cmt	]				
CMT TOP @	surf						
DETER. BY	cir	c	ļ			Ø	
						8	
PERF. DATA:	SPF	FORM.				W	
2572' - 2592'	4 (12 Holes)	PC	ļ			A	
						3	•
							1 1/4" 2.3 #/ft tbg
						1 1	EOT @ 2588'
	<del></del>					<i>X</i>	
TUBING DATA			1			60° (A)	
1 1/4"		2.3 #/ft					Pictured Cliffs
					<u> </u>		2572' - 2592'
SET @	2584'				₩ \$4.	8.5	
PACKER	2304						4 1/2" @ 2682' w/ 650sx
S.N ID / @					PBTD @ 263	سنني	LOC @ 180, (CBT)
O .			L				/
							eakdown Frac'd w/ 30,000 gal water
			-	w/ J-79 Gel and 1 @ 1500psi	500# J-92 fluid lo	ss addıti	ve and 40,000# sand Average 45 BPM
			-	@ 1200hsi		<del></del>	
			-	<u></u>			
			-				
							ues Looks like well was killed by
						only p	roducing up casing Perforated w/
			-	abracijet (sand jet	1001)		

Figure 1: Current Well Schematic for the E E Elliott B6

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

1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment to notice of Intention to Abandon:

Re: Permanent Abandonment

Well: 6 E.E. Elliott B

## **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) 599-8907.
- 3. The following modifications to your plugging program are to be made:
- a) Place the Kirtland/Ojo Alamo plug from 1533' 1250'.
- b) Place the Surface plug from 255' to surface inside and outside the 4 ½" casing if there is no cement in the annulus.

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.