Foim 3160-5 ; (August 2007)

	UNITED STATES PARTMENT OF THE INTER	,	FORM APPROVED OMB No 1004-0135 Expires July 31, 2010  5 Lease Serial No.  6. If Indian, Allottee or tribe Name  JAN 0 7 2000				
	EAU OF LAND MANAGEN	5 Lease Seri					
Do not use this	NOTICES AND REPORTS s form for proposals to drill of Use Form 3160-3 (APD) fo	6. If Indian, a					
SUBMIT IN TRIPLIC	CATE = Other instr	uctions on re	verse side	7. If Unit or	CA/Agreemer	nt, Name and/or No. and Management ton Field Office	
1. Type of Well  Oil Well	Gas Well			8. Well Nan	ne and No.	nes Č 7	
2 Name of Operator				9. API Well		162 0 1	
BP America Production Comp	pany Attn: Cherry Hlav	va .		). /ai wen		45-21140	
3a. Address P.O. Box 3092 Houston, TX	77253 3b. Phone No.	o. (include area co <b>281-366-408</b>		10. Field and	Pool, or Exp	loratory Area ictured Cliffs	
4. Location of Well (Footage, Se 1180' FNL & 1180' FEL Sec.	ec., T., R., M., or Survey Desc . 27 T29N, R08W NENE				r Parish, State n Juan Cou	unty, New Mexico	
L2. CHE	CK APPROPRIATE BOX(E	S) TO INDICATE	NATURE OR	NOTICE, REPORT,	OR OTHER	DATA	
TYPE OF SUBMISSION			TYPE	OF ACTION			
Notice of Intent	Acidize	Deepen T	. 🗀	Production (Start/Re	esume)		
Notice of linear	Alter Casing	Fracture Tre	ш,	Reclamation		Well Integrity Other	
1	Casing Repair	New Cons		Recomplete	<del>'ad</del>	Other	
Subsequent Report	Change Plans	Plug and A	bandon —	Water Disposal			
Final Abandonment Notice	Convert to Injection	Plug Back					
Attach the Bond under which the following completion of the invo	ctionally or recomplete horizon we work will be performed or polyed operations. If the operational Abandonment Notices shall	ntally, give subsurfa provide the Bond N ion results in a mul	ce locations and to, on file with B tiple completion	measured and true ve LM/BIA. Required so or recompletion in a re-	ertical depths of subsequent represent interval,	I approximate duration thereof. of all pertinent markers and zones, ports shall be filed within 30 days a Form 3160-4 shall be filed once in completed, and the operator has	
Compliance Well		· · · · · · · · · · · · · · · · · · ·			R	JAN 12'03	
<del>-</del>	t e e e e e e e e e e e e e e e e e e e	Constant of Contleme				IL CONS. DIV.	
BP America has reviewed the a	above mentioned well and	tinas no turtner	reserves pote	ntial remaining.		DIGT. 3	
BP respectfully requests permis	ssion to plug and abandor	n said well.					
Please find attached the P&A p	procedure. 6207						
14. I hereby certify that the foregoi Name (Printed/typed)	ng is true and correct						
Cherry Hlava			Title Regu	latory Analyst			
Signature Cherry Hla	va .		Date 01/06	/2009			
	THIS SPAC	É FOR FEDER	AL OR STAT	E OFFICE USE			
Original S	Signed: Stephen Maso	n	Title		Date	IAN 0 2 2003	
Conditions of approval, if any, are attack Certify that the applicant holds legs subject lease which would entitle the	al or equitable title to those ri	ghts in the	Office		<u> </u>	grant is to have a	
Title 18 U.S.C. Section 1001 and Title any false, fictitious or fraudulent staten	e 43 U.S.C. Section 1212, make	e it a crime for any		and willfully to make	to any depart	ment or agency of the United States	

-note changes ~

## SJ Basin Well Work Procedure

Well Name:

**Hughes C 007-PC** 

API#: 30-045-21140

Date:

January 6, 2009

Repair Type: P&A

Location:

**County:** 

T29N-R8W-Sec27

State:

San Juan **New Mexico** 

Engr:

**Amy Adkison** 

Ph:

281-366-4495

Objective: P&A for wellbore.

1. Ensure wellbore is clean of obstructions.

2. Pump cement plugs and remove wellhead.

Well History: Well was completed in the Pictured Cliffs formation in 1972. Perforations are at 3316'-3388'. 1" schedule 40 PVC tubing was run to 3369' in 1974. Total cumulative production was: 281.6 mmcf gas, 123 bbls water, and 0 bbls condensate.

#### Procedure:

1. Notify BLM and NMOCD 24 hours prior to beginning operations P&A process to ensure scheduling of personnel to witness CBL results and cement placement.

> NMOCD: Charlie Perrin at (505) 334-6178 (ext. 11) BLM: Steve Mason at (505)599-8907

- 2. Perform pre-rig site inspection. Check for: size of location, gas taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, landowner issues, location of pits (buried lines in pits), raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required, have One Call made 48 hours prior to digging.
- 3. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
- 4. Blow down well and kill w/ 2% KCl. NOTE: Tubing string in hole is 1" PVC tubing – will not be able to set dual tubing barriers.
- 5. Check and record tubing, casing and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
- 6. MIRU service rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
- 7. Check all casing strings to ensure no pressure exist on any annulus.
- 8. Nipple down wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs. This is a P&A so the well should be kept dead through-out the procedure.

- 9. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip 1" tubing hanger out of hole.
  - 10. TOOH w/1" schedule 40 PVC production tubing currently set at 3369'.
  - 11. RU wireline. Run gauge ring and scraper down 2-7/8" casing string down to perfs at 3316' to ensure casing is clear and CIBP will set.
  - 12. RIH w/ CIBP and set 50' above perforations +/- 3266'. Load well with fluid and pressure test casing to 500 psig.
  - 13. RU WL and run CBL to determine cement top behind 2-7/8" casing. Based on cement top it will be determined where perforations and cement placement behind casing will be required to properly P&A well. Top of cement is estimated 2400' based on a temperature survey. Report CBL results to regulatory agencies and engineer. The order and detail of the next steps assumes top behind casing at 2400' but could change based on the CBL results. NOTE: Before pumping next plug, check CBL report and determine TOC behind 2-7/8" casing. Perforating and cement squeeze may be required based on the CBL results.
  - 14. RIH w/ 1-1/4" workstring and spot 1000' (32.5 cu.ft.) plug on top of CIBP (+/-3266'). This should P&A the PC, FT Coal, Kirkland, and Ojo Alamo formations from 3266'-2266'.
  - 15. POOH with workstring to 2266'. Pump and displace 1000' (32.5 cu. ft) plug from

    2266' to 1266' inside 2-7/8" casing.

    Place a camera plug from 1001'- 901' to cover the Na cimaiento top inside a control.
  - 16. POOH with workstring to 266'. Pump and displace 1000' (32.5 cu.ft.) plug from 1266' to 266' inside 2-7/8'' casing string. Circulate hole at 266' prior to TOOH to ensure space to run perf guns. TOOH with workstring.
  - 17. RU perforating guns. TIH and perf at 225'. Pump and displace a 225' (79.0 cu. ft.) cement plug inside the 2 7/8'' annulus and casing annulus all the way to surface.
  - 18. Perform underground disturbance and hot work permits. Cut off tree.
  - 19. If cement cannot be seen on all annulus and casing strings, remedial cementing will be required from surface.
  - 20. Install well marker and identification plate per BLM requirements.
  - 21. RD and release all equipment. Remove all LOTO equipment.
  - 22. Ensure all reports are loaded into DIMS. Print out summary of work and place in wellfile. Notify Sherri Bradshaw of completed P&A.

# **Current Wellbore**

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PBTD: 3491' TD: 3501' 353 cu ft cmt (Class C)

updated. 1/05/09 AA

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# 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:

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Re: Permanent Abandonment

Well: 7 Hughes C

### **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) Depending on the cement top behind the 2 7/8" casing cement may need to be placed from 2538' to 2280' to cover the Ojo Alamo interval.
- b) Place the Nacimiento plug from 1001' 901' inside and outside the 2 7/8" casing.

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.