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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

JUN 01 2009

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

**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.*

Bureau of Land Management  
Farmington Field Office

Lease Serial No.

SF 078046

6. If Indian, Allottee or tribe Name

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

8. Well Name and No.

Hughes 18

9. API Well No.

30-045-21036

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1600 FNL &amp; 1770 FWL Sec 20 T 29N R 08W SENW

11. County or Parish, State

San Juan, New Mexico

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

## TYPE OF SUBMISSION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Water Disposal☐ Water shut-Off☐ Well Integrity☐ Other

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 recomple 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.

## JULY 2009 COMPLIANCE WELL

Bp America has evaluated the future production capability of the above mentioned well and finds no further potential. BP respectfully requests permission to plug the entire well bore. Please see the attached P&A procedure.

RCVD JUN 4 '09

14. I hereby certify that the foregoing is true and correct

Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

OIL CONS. DIV.

DIST. 3

Signature

Cherry Hlava

Date 05/28/2009

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

JUN 03 2009

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 within its jurisdiction.

NMOC

## **SJ Basin Well Work Procedure**

**Well Name:** Hughes LS 018-PC      **API#:** 30-045-21036  
**Date:** May 18, 2009  
**Repair Type:** P&A  
**Location:** T29N-R8W-Sec20  
**County:** San Juan  
**State:** New Mexico  
**Engr:** Amy Adkison  
**Ph:** 281-366-4495

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### **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 3138-3172'. No tubing currently in the wellbore. Total cumulative production was: 472 mmcf gas, 0 bbls water, and 0 bbls condensate.

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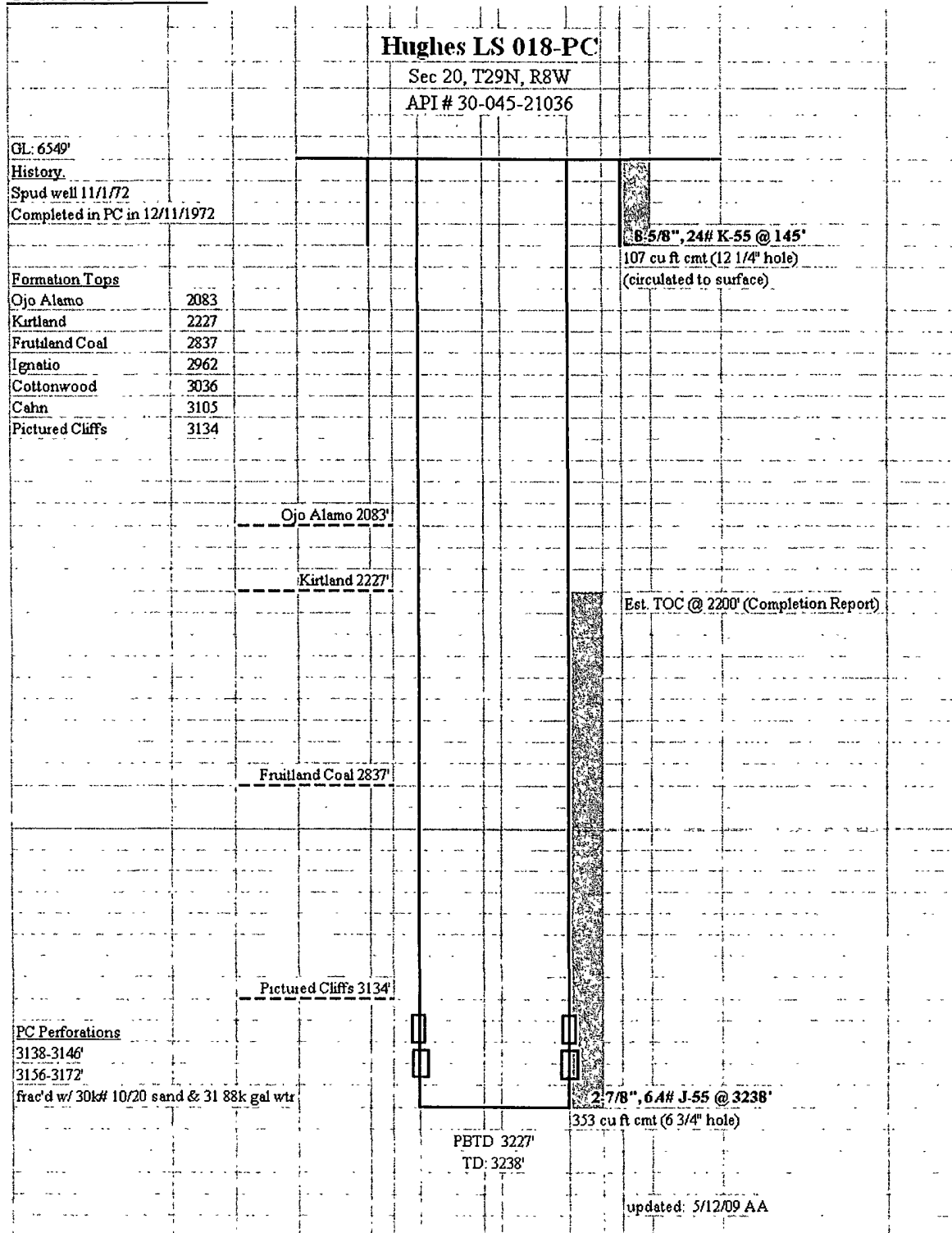
### **Procedure:**

1. Notify NMOCD 24 hours prior to beginning operations P&A process to ensure scheduling of personnel to witness CBL results and cement placement. (Note: This is a **BLM** regulated well)  
**BLM: Steve Mason at (505) 599-8907**  
**NMOCD: Charlie Perrin at (505) 334-6178**
2. Perform pre-rig site inspection. Check for: size of location, gas taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H<sub>2</sub>S, 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. Check and record tubing, casing and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
5. Hold pre-job safety meeting and discuss all JSA's with all BP and third party personnel. The Pre-job safety meeting should cover: heavy lifts, pinch points, location hazards, pressure hazards, and proper PPE.
6. MIRU service rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.

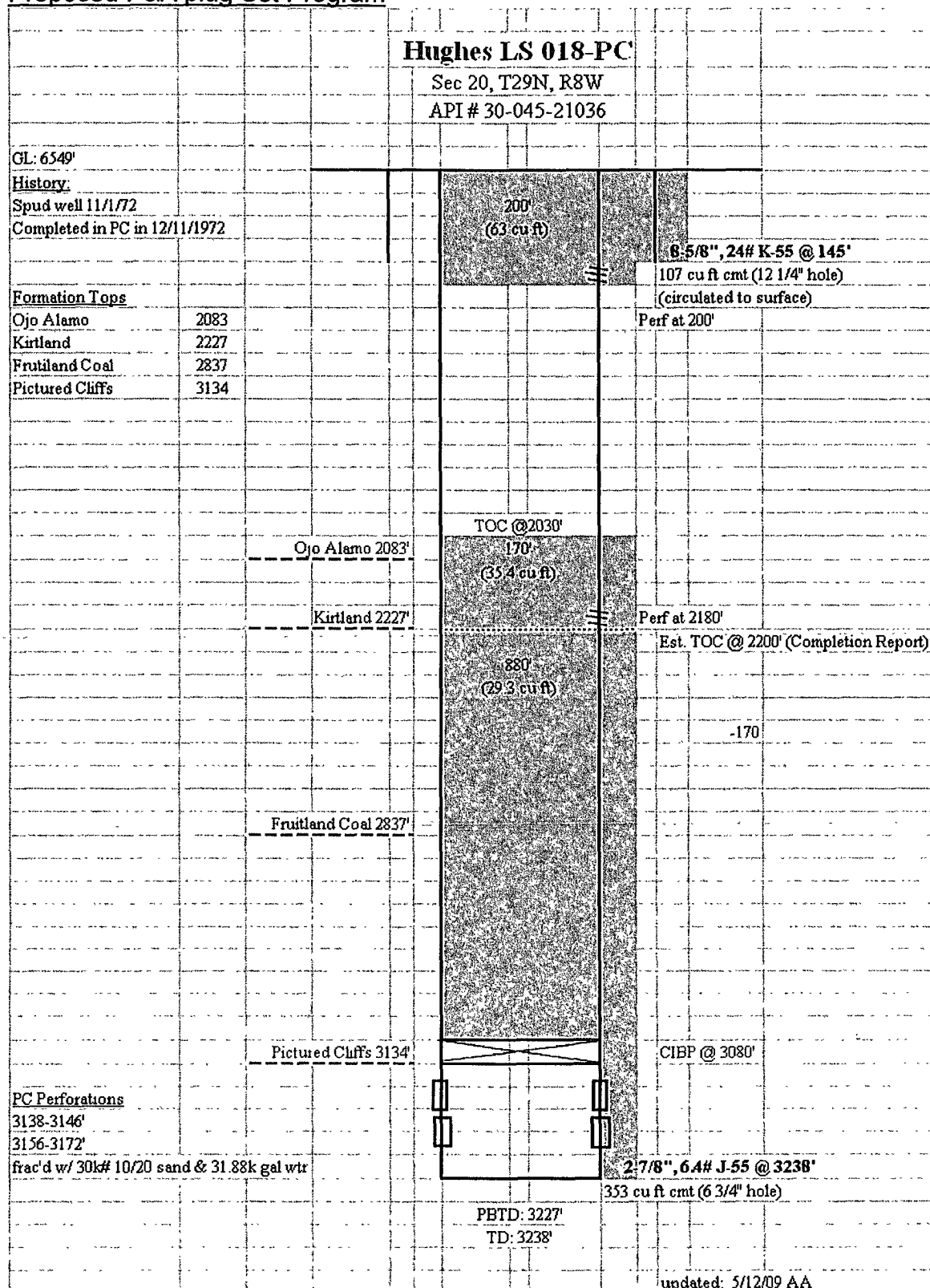
7. Blow down well and kill w/ 2% KCl.
8. Check all casing strings to ensure no pressure exist on any annulus.
9. Nipple down wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs. This is a P&A so the well should be kept dead through-out the procedure.
10. RU wireline. Run gauge ring and scraper down 2-7/8" casing string down to perfs at 3138' to ensure casing is clear and CIBP will set.
11. RIH w/ CIBP and set 50' above perforations +/- 3080'. Load well from the bottom up with fluid and pressure test casing to 500 psig. This will confirm the integrity of the casing and CIBP.
12. Run CBL to determine cement top behind 2 7/8" casing. Completion report indicated top of cement at 2200'. Based on cement top it will be determined where perforations and cement placement behind casing will be required to properly P&A well. Report CBL results to regulatory agencies and engineer. **The order and detail of the next steps assumes cement top at 2200' and does not cover the Ojo Alamo zone behind casing.**
13. RIH w/ 1 1/4" workstring and spot 880' (29.3 cu.ft.) plug on top of CIBP (+/- 3080'). This should P&A the PC and FT Coal formations from 2780'-2200'.
14. RU wireline w/ perforated gun. RIH to 2180' and perforate 2 7/8" casing and POOH with guns. RD wireline.
15. RIH with workstring and set a cement retainer at ~2130'. Pump ~~~32.14~~ 32.14 cu. ft. cement to place ~~150'~~ 150' cement behind 2 7/8" casing and 50' cement below retainer. Pump excess cement as necessary. *Bring top of plug to 1996' + excess.*
16. Sting out of cement retainer. Pump and displace a ~~100'~~ 100' plug (3.25 cu. ft.) on top of retainer from 2130' to ~~2030'~~ 1996' inside 2 7/8" casing. This should put cement across the Ojo Alamo and Kirtland formations. POOH with workstring. *excess.*  
 → *Maximum plug 780'-660' inside + outside 2 7/8" casing.*
17. RU wireline w/ perforated gun. RIH to +/- 200' and perforate 2 7/8" casing and POOH with guns. RD wireline.
18. Establish circulation behind casing to surface. Pump cement plug behind casing and inside 2 7/8" casing from 200' to surface (~ 63 cu ft).
19. Perform underground disturbance and hot work permits. Cut off tree.
20. If cement cannot be seen on all annulus and casing strings remedial cementing will be required from surface.

21. Install well marker and identification plate per BLM requirements.
22. RD and release all equipment. Remove all LOTO equipment.
23. Ensure all reports are loaded into DIMS. Print out summary of work and place in well file. Notify Sherri Bradshaw of completed P&A.

## Current Wellbore



# Proposed P&A plug Set Program



**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: 18 Hughes

**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) Bring the top of the Ojo Alamo plug to 1996' inside and outside the 2 7/8" casing.
  - b) Place the Nacimiento plug from 780' – 680' 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.