

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF078387A	
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name	
3a. Address P. O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.	
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. KERNAGHAN B 9	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T31N R8W SWSE 1170FSL 1850FEL 36.86485 N Lat, 107.69502 W Lon		9. API Well No. 30-045-23585-00-S1	
		10. Field and Pool, or Exploratory BASIN DAKOTA	
		11. County or Parish, and State SAN JUAN COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 recompleate 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 recompleation 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.)

BP America Production Company respectfully request permission to abandon the Dakota formation in the subject well and recomple into the Basin Fruitland Coal formation as per the attached procedure.

Additionally, we request that the well name and number be changed from  
Fletcher #2  
to  
Kernaghan B #9

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #15399 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 10/29/2002 (03SXM0083SE)</b>	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/22/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>STEPHEN MASON</u>	Title <u>PETROLEUM ENGINEER</u>	Date <u>10/29/2002</u>
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 <u>Farmington</u>		

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**NMOCD**

# Recompletion Procedure Kernaghan B # 9 (old well name - Fletcher #2)

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**Procedure:**

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down well. Kill with 2% KCL water ONLY if necessary.
4. Nipple down WH. NU BOPs.
5. TOH with 2-3/8" production tubing.
6. TIH and spot 100' cement plug (9 cu ft) above CIBP currently set at 7578'. Load well with 2% KCL.
7. RU WL unit. RIH with GR/CBL log from 2500' - 7000 to evaluate cement across Gallup, Mesaverde, and Fruitland Coal and to select perforations. RD WL unit.

8. TIH and spot 200' cement plug (18 cu ft) across Gallup formation from ~~6750'~~ - ~~6950'~~.  
6672 - 6472

Contingency- If cement top is below 6900':

- RU WL unit and perforate squeeze holes at ~~6875'~~ 6672'
- RIH with 4-1/2" cement retainer. Set retainer at ~~6850'~~
- Sting into retainer and squeeze Gallup interval with 75 cu ft cement
- PU and spot 100' cement plug (9 cu ft) above cement retainer from ~~6750'~~ - ~~6850'~~

9. PU to 5200'. Spot 200' cement plug (18 cu ft) across Mesaverde formation from ~~5000'~~ - ~~5200'~~. TOH.  
4632 4832

Contingency- If cement top is below 5200':

- RU WL unit and perforate squeeze holes at ~~5175'~~ 4832'
- RIH with 4-1/2" cement retainer. Set retainer at ~~5150'~~
- Sting into retainer and squeeze Mesaverde interval with 75 cu ft cement

*No cement*  
→ Plug Chacara 484' - 3784' plug 7" shoe/4 1/2" liner Top 3799' - 3505'

10. RU WL unit. RIH with 7" CIBP. Set CIBP at 3500'.

11. Pressure test casing to 2000 psi.

Contingency: If cement behind 7" casing is not adequate to isolate the Fruitland Coal, perform squeeze job as per Schlumberger design.

12. RU WL. RIH with 3-1/8" casing guns. Perforate Fruitland Coal formation (correlate to log).

Fruitland Coal Perforations, 4 spf ( shots/ holes)

*To be determined*

11. RU frac equipment and install wellhead isolation tool. Use 2% KCL-N2 foam in fracture stimulation.
12. Establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule.
18. Flowback frac immediately.
19. TIH with tubing and bit. Cleanout fill to CIBP at 3500'. Blow well dry.
20. RIH with 2-3/8" production tubing.
21. Land 2-3/8" production tubing at depth to be determined after logging.
24. ND BOP's. NU WH. RDMO.
25. Set beam pumping unit and wellhead compressor.
26. MIRU well servicing rig. Rod up well.
27. Return well to production.

# Fletcher #2

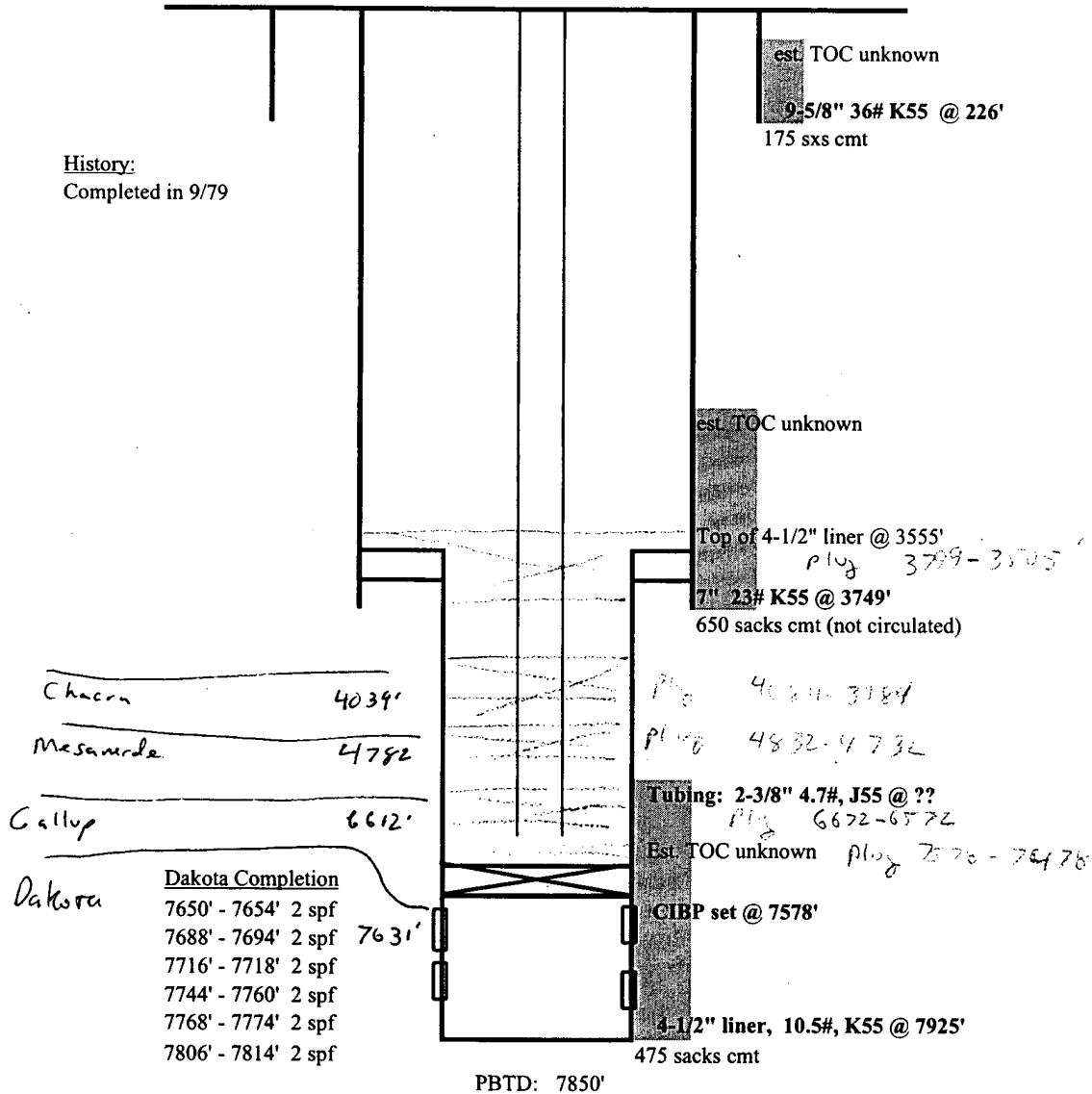
Sec 29, T31N R8W

API #: 30-045-23585

GL: 6382'

## History:

Completed in 9/79



## NOTES:

updated: 5/30/01 jad

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-23585</b>		<sup>2</sup> Pool Code <b>71629</b>	<sup>3</sup> Pool Name <b>Basin Fruitland Coal</b>
<sup>4</sup> Property Code <b>000766</b>	<sup>5</sup> Property Name <b>Kernaghan B</b>		<sup>6</sup> Well Number <b>9</b>
<sup>7</sup> OGRID No. <b>000778</b>	<sup>8</sup> Operator Name <b>BP Production Company</b>		<sup>9</sup> Elevation

<sup>10</sup> Surface Location									
UL or lot no. <b>Unit O</b>	Section <b>29</b>	Township <b>31N</b>	Range <b>08W</b>	Lot Idn	Feet from <b>1170'</b>	North/South <b>North</b>	Feet from <b>1850'</b>	East/West <b>East</b>	County <b>San Juan</b>

<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
<sup>12</sup> Dedicated Acres <b>320</b>		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code			<sup>15</sup> Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  <b>Mary Corley</b> Signature <b>Mary Corley</b> Printed Name <b>Sr. Regulatory Analyst</b> Title <b>10/22/2002</b> Date	
				<sup>18</sup> SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  <b>ON File</b> Date of Survey Signature and Seal of Professional Surveyor:	
				Certificate Number	