

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.***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 NMSF079346A
2 Name of Operator BP AMERICA PRODUCTION CO		6 If Indian, Allottee or Tribe Name EASTERN NAVAJO
Contact CHERRY HLAVA E-Mail: hlavaci@bp.com		7 If Unit or CA/Agreement, Name and/or No NMNM78391C
3a Address 200 ENERGY COURT FARMINGTON, NM 87401	3b Phone No (include area code) Ph: 281.366.4081	8 Well Name and No GALLEGOS CANYON UNIT 190E
4 Location of Well (Footage, Sec, T, R, M, or Survey Description) Sec 32 T28N R12W NESW 1520FSL 1770FWL 36 615650 N Lat, 108.137360 W Lon		9 API Well No 30-045-25450-00-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 type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" 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 recompleat 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.)

## JUNE COMPLIANCE WELL

BP finds no further uphole potential for the above mentioned well and respectfully requests permission to P&A the entire wellbore

Please see plugging procedure attached.

- \* Place surface plug bottom at 511' (511'-0')
- \* Bring top of Fracture plug to 818' (948'-818')
- \* Add plug @ 2480'-2380' to cover MV pool top
- \* Add plug @ 4090'-3990' to cover Mancos top



14 I hereby certify that the foregoing is true and correct	
Electronic Submission #115067 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 08/15/2011 (11SXM1122SE)	
Name (Printed/Typed) CHERRY HLAVA	Title AGENT
Signature (Electronic Submission)	Date 08/12/2011

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 08/15/2011
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 Farmington

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.

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

NMOCD



## BP - San Juan Plugging Procedure

GCU 190E  
30-045-25450

Unit letter K SEC. 32, T28N, R12W  
1530' FSL, 1770 FWL  
San Juan, NM  
Dakota Formation  
Lease number: SF-079346-A  
P&A date – TBD

### Basic Job Procedure:

1. Pull tubing
2. Set Cement Retainer @ ~ 5730'
3. Load hole and run CBL
4. Place cement plugs
  - PBTD (5934') – 5650' (into perforations, over retainer, and isolating Dakota)
  - 4900' – 4700 (Mancos/Gallup)
  - ~~2800 – 2000~~ (Isolate the Mesa Verde and Picture Cliffs formation) ~~2152 - 1168~~
  - ~~1300 – 1100~~ (Isolate the Fruitland formation) ~~948 - 848'~~
  - ~~388~~ <sup>500</sup> – surface inside casing (Isolate Kirtland, Ojo and Shallow zones) (outside casing if needed based on CBL/Regulatory)
    - ❖ Reports from initial completion state that 50ft<sup>3</sup> of cement was circulated to surface. We will confirm cement behind pipe and remediate if necessary to provide isolation.
5. Install well marker and identification plate per regulatory requirements.
6. RD MO Location

## Current Wellbore Diagram



**GCU 190E**  
Dakota  
API # 30-045-25430  
T-28N, R-12-W, Sec 32  
San Juan County, New Mexico

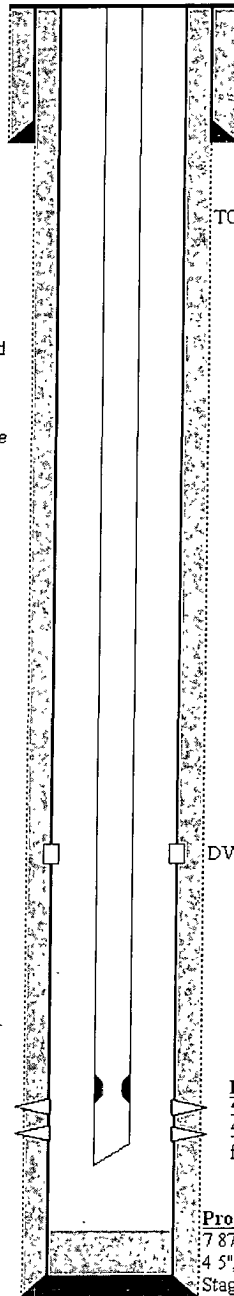
### Well History

11/6/82: Spud date.  
11/25/82: Completion Date  
4/15/08: Wirelined. Tagged fluid at 5100'.  
Retriever plunger and stop. Impression block tagged  
an obstruction in the tubing at 5829'. Looked  
like it could be a fishing neck and fill. Could not  
retrieve.  
8/3/09: Bradenhead test in 2009 showed 50 psi on the  
bradenhead. Built to 70 psi after 5 min. shut-in.

### Formation Tops

Ojo Alamo	380
Kirtland	435
Fruitland	1200
Pictured Cliffs	2,100
Lewis Shale	2150
Mesaverde	2700
Cliffhouse	2700
Mennefee	2850
Point Lookout	3,662
Gallup	4818
Greenhorn	5640
Graneros Dakota	5758
Main Dakota	5812

Ground Elevation 5575'  
KB Measurement 14'



TOC @ surface

### Surface Casing Data

12 25" hole drilled to 338'  
9 625", 32 3#, H-40, LT&C @ 338'  
cmt'd w/ 354 cf class B 2% CaCl<sub>2</sub>, 12 cf circulated to surface

TOC @ surface

### Tubing Details

Saw Tooth Collar  
Seating Nipple  
Tubing, 184 jts, 2 375", 4 7#, J-55, EUE  
*Tubing tally claims 1st joint saw tooth collar  
& 3rd joint seating nipple, 1 D unknown  
nipple location estimated from joint lengths*

DV Tool @ 4154'

Seating Nipple est. @ 5828'

EOT @ 5893'

### Perforation Data

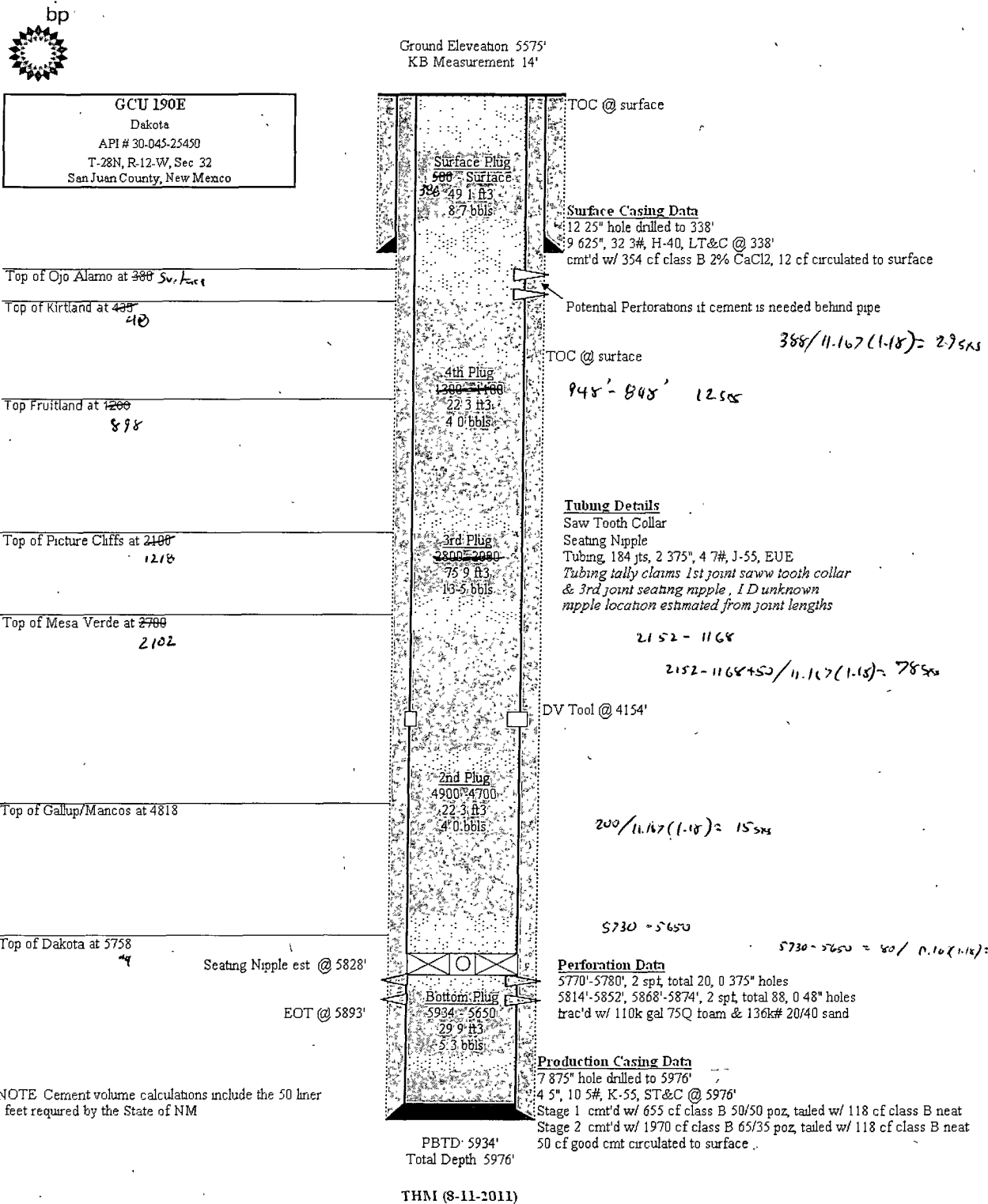
5770'-5780', 2 spf, total 20, 0 375" holes  
5814'-5852', 5868'-5874', 2 spf, total 88, 0 48" holes  
frac'd w/ 110k gal 75Q foam & 136k# 20/40 sand

### Production Casing Data

7 875" hole drilled to 5976'  
4 5", 10 5#, K-55, ST&C @ 5976'  
Stage 1 cmt'd w/ 655 cf class B 50/50 poz, tailed w/ 118 cf class B neat  
Stage 2 cmt'd w/ 1970 cf class B 65/35 poz, tailed w/ 118 cf class B neat  
50 cf good cmt circulated to surface

PBTD 5934'  
Total Depth 5976'

# Proposed Wellbore Diagram



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: 190E Gallegos Canyon Unit

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 Mesaverde/Pictured Cliffs plug from 2152' – 1168'.

b) Place the Fruitland plug from 948' – 848'.

c) Place the Kirtland/Ojo Alamo/Surface plug from 388' to surface.

\* Place Surface plug from 511' - 0'

\* Move top of Fruitland plug to 818' (948'-818')

\* Add plug @ 2480' - 2380' to cover MV pool top

\* Add plug @ 4090' - 3990' to cover Mancos top

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.