

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505  
(505) 476-3440

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE**

APPLICATION FOR  
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address BP America Production Company P.O. Box 3092 Attn: Cherry Hlava Houston, TX 77253							OGRID Number 000778	
Contact Party Cherry Hlava							Phone 281-366-4081	
Property Name Gallegos Canyon					Well Number 186		API Number 30-045-06989	
UL I	Section 33	Township 28N	Range 12W	Feet From The 1460'	North/South Line South	Feet From The 835'	East/West Line East	County San Juan

## II. Workover

Date Workover Commenced: 02/20/2002	Previous Producing Pool(s) (Prior to Workover):  Basin Dakota
Date Workover Completed: 03/20/2002	

III. Attach a description of the Workover Procedures performed to increase production

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

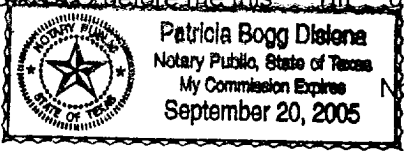
V. AFFIDAVIT:

State of Texas )  
 ) ss.  
County of Harris )  
Cherry Hlava, being first duly sworn, upon oath states:

1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Cherry Hlava Title Regulatory Analyst Date October 07, 2002

SUBSCRIBED AND SWORN TO before me this 7th day of October, 2002.

My Commission expires:  Notary Public Patricia Bogg Disiena

**FOR OIL CONSERVATION DIVISION USE ONLY:**

## VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 3-20, 2002.

Signature District Supervisor <i>Charlie Herron</i>	OCD District <i>AZTEC III</i>	Date <i>10-15-2002</i>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

<b>GALLEGOS CANYON UNIT #186</b>		API:	3004506989			
<b>BP AMERICA PRODUCTION COMPANY</b>						
Township: 28N 12W Sec. 33						
San Juan County						
Year:	<b>2000</b>	<b>2001</b>	<b>2002</b>			
<b>Pool Name: BASIN DAKOTA</b>						
Month	Gas(MCF)	Gas(MCF)	Gas(MCF)			
January	697	0	656			
February	632	0	163			
March	664	683	0			
April	425	352	0			
May	467	0	0			
June	55	0	0			
July	534	0				
August	607	59				
September	645	0				
October	661	97				
November	699	0				
December	618	721				
<b>Total</b>	<b>6704</b>	<b>1912</b>	<b>819</b>			
<b>Pool Name: KUTZ PICTURED CLIFFS West</b>			<b>2002</b>			
Month			Gas(MCF)			
January			0			
February			0			
March			1792			
April			2107			
May			3138			
June			1831			
<b>Total</b>			<b>8868</b>			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
SF-078903-B

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
BP AMERICA PRODUCTION COMPANY

Contact: CHERRY HLAVA  
E-Mail: hlavac@bp.com

8. Lease Name and Well No.  
GALLEGOS CANYON UNIT 186

3. Address P.O. BOX 3092  
HOUSTON, TX 77253

3a. Phone No. (include area code)  
Ph: 281.366.4081

9. API Well No.  
30-045-06989

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface NESE 1460FSL 835FEL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
KUTZ PICTURED CLIFFS, WEST

11. Sec., T., R., M., or Block and Survey  
or Area Sec 33 T28N R12W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

14. Date Spudded  
09/23/1964

15. Date T.D. Reached  
10/01/1964

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
03/04/2002

17. Elevations (DF, KB, RT, GL)\*  
5773 GL

18. Total Depth: MD 6136  
TVD

19. Plug Back T.D.: MD 2871  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625	24.0		355		200			
7.875	4.500	10.5		6170		1500			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	1520							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	1438	1484	1438 TO 1484	3.125		
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5845 TO 5995	12 SXS; DENSITY 15.80 PPG; YIELD 1.210 CU FT.
5101 TO 4947	12 SXS; DENSITY 25.80 PPG; YIELD 1.210 CU FT
2871 TO 3025	12 SXS; DENSITY 15.80 PPG; YIELD 1.210 CU FT

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/13/2002	03/19/2002	24	→	1.0	150.0	1.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/4	SI	100.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #10841 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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ACCEPTED FOR RECORD  
MAR 27 2002  
FARMINGTON FIELD OFFICE  
BY [Signature]

OPERATOR

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
OTHER

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Corod intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
SAND & SHALE PC LEWIS SHALE MESA VERDE MANCOS GALLUP BASE GALLUP	0 1435 1630 2970 4160 5044 5406	1435 1630 2970 4160 5044 5406 5862		SAND & SHALE PC LEWIS SHALE MESAVERDE	0 1435 1630 2970

## 32. Additional remarks (include plugging procedure):

On 01/14/02 BP America Production Company requested permission to abandon the Basin Dakota and recomplete to the Kutz Pictured Cliffs. Permission was granted 02/05/02.

This work has been accomplished per the attached subsequent report. Well is currently not stable and erratic pump needs work.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #10841 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (please print) CHERRY HLAVA *Cherry Hlava* Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 03/20/2002

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.

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**GALLEGOS CANYON UNIT # 186**

**SUBSEQUENT REPORT**

**03/20/2002**

This sundry is to show abandonment of Basin Dk and recompletion to the PC as a replacement for the un-frac'd PC @ the GCU 30.

02/20/02 RUSU Take Readings. 200 psi tbg, 270 psi csg. 0 psi on BH. Changed out flange on csg. Valve, blw dn csg. NDWH, NUBOP. TOH, SDFN.

02/21/02 Killed well. TIH w/CIBP & set @ 5995'. Pmp cmt plug 2.5 bls. 154'. Displaced w/21 bls. Pulled pipe to 5101'. Pmped cmt plug, 2.5 bls, displaced w/17.5 bls 154' plug. Pulled pipe to 3025' pmped 2.5 bls of cmt, displaced w/9.5 bls. (Slurry Interval 5845 – 5995' cmt vol 12 sxs; Density 15.80 ppg; yield 1.210 cu ft; of cls G cmt) Slurry Interval 5101'–4947' cmt vol 12 sxs; density 25.80 ppg; yield 1.210 cu ft class G cmt. Slurry Interval 2871'–3025' ; cmt vol 12 sxs; density 15.80 ppg; Yield 1.210 cu ft of cls G cmt. SDFN.

02/22/02 RU/SLB, Run Gama Ray, CBL;CCL log. Perf 1438' – 1484' @ 2 JSPF w/3.125" gun. RD/SLB. RU isolation tool, SDF weekend.

02/25/02 RU/SLB frac PC formation w/500 gals pf 15% HCL acid, follwed w/119,261# of 16/30 Brady Sand. Open up csg to flw back. Secure well head for night. SD.

02/26/02 RD/Isolation tool. TIH to 1825'. Pull pipe to 1457'. Swabing. Fluid level @1350'. Pmp 5 bls DN tbg. Made 20 swab runs. Recovered 13 bls fluid. Csg 108 psi. SDFN.

02/27/02 Take readins. Csg 110 psi. Tbg 60 psi. made 1 swab run. Flw back. 21 bls fluid w/heavy sand. Secure location. Leave well flwing w/dry watchman.

02/28/02 Blw csg dn TOH. RU/air unit. Press tst lines, C/O to 2973' didn't tag cmt plug. Making heavy sand. Circ hole clean. SD/air. RD/swivel, pull pipe above perfs. SDFN.

03/01/02 Take readings, csg 100 psi; TIH tag fill @2923. RU/air & swivel. C/O snd to 3262'. Circ clean. RD air & swivel. Pull pipe above perfs. making light mist. With a lot of sand. Csg 7 psi. while flowing. TIH tag tbg @3090'. C/O to 3162'. Circ hole clean. TOH; LD 42 jts. To pull pipe above perfs. SDFN.

03/04/02 csg 125 psi. TOH. Tallying tbg. press tst tbg to 500 psi. held ok. Landed tbg @1519.75'. NDBOP, NUWH. Prime pmp. Press up tbg to 500 psi. Activate pmp. Left rods hanging. RDSU & equip. MO location.

03/20/02 Well is currently not stable and erratic pump needs work.