

District I - (505) 393-6161  
1625 N. French Dr, Hobbs, NM 88240  
District II - (505) 748-1283  
1301 W. Grand Avenue, Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV - (505) 476-3440  
1220 S. St. Francis Dr., Santa Fe, NM 87505

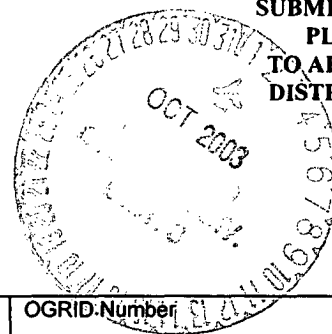
Energy Minerals and Natural Resources Department

Form C-140

Revised 06/99

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 Room 19.178 Houston, TX 77253						OGRID Number 000778		
Contact Party Cherry Hlava						Phone 281-366-4081		
Property Name Gallegos Canyon				Well Number 538		API Number 30-045-29068		
UL M	Section 17	Township 29N	Range 12W	Feet From The 1187	North/South Line South	Feet From The 945	East/West Line West	County San Juan

II. Workover

Date Workover Commenced: 10/14/2002	Previous Producing Pool(s) (Prior to Workover):  Kutz Pictured Cliffs, West
Date Workover Completed: 10/22/2002	

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 )  
County of Harris ) ss.  
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 September 30, 2003

SUBSCRIBED AND SWORN to before me this 30th day of September, 2003

My Commission expires: February 28, 2007

Notary Public, State of Texas  
Linda J. Berry  
My Commission Expires February 28, 2007 Notary Public Linda J. Berry

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

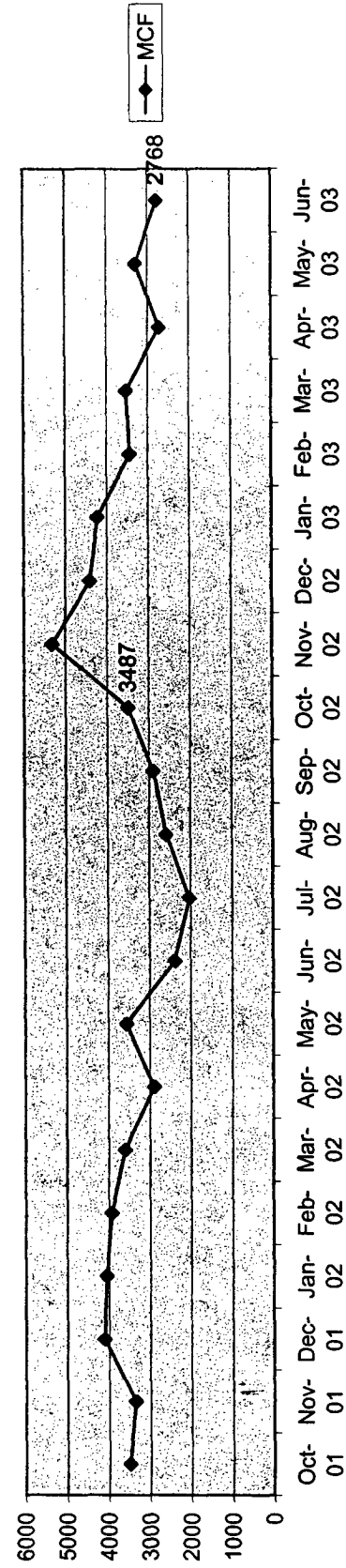
12/22/02

Signature District Supervisor <u>35.3</u>	OCD District <u>3</u>	Date <u>12/20/02</u>
--	--------------------------	-------------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Gallegos Canyon Unit 538 API 30-045-29068																			
Sect 17 T29N & R12W																			
		Kutz	Fruitland																
		PC	Sand	TOTALS															
10/31/01		3493	0	3493															
11/30/01		3354	0	3354															
12/31/01		4098	0	4098															
1/31/02		4049	0	4049															
2/28/02		3918	0	3918															
3/31/02		3603	0	3603															
4/30/02		2893	0	2893															
5/31/02		3556	0	3556															
6/30/02		2376	0	2376															
7/31/02		2026	0	2026															
8/31/02		2571	0	2571															
9/30/02		2886	0	2886	3235 Average Prior to DHC														
10/31/02		1827	1660	3487	DHC Began														
11/30/02		2046	3261	5307															
12/31/02		2157	2235	4392															
1/31/2003		2070	2146	4216															
2/28/2003		1898	1525	3423															
3/31/2003		2264	1247	3511															
4/30/2003		1891	817	2708															
5/31/2003		2265	1016	3281															
6/30/2003		1968	800	2768	3677 Average after DHC														

MCF



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.  
NMSF080600

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
GCU 538

9. API Well No.  
30-045-29068-00-C2

10. Field and Pool, or Exploratory  
PINON FRUITLAND SAND NORTH

11. Sec., T., R., M., or Block and Survey  
or Area Sec 17 T29N R12W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
5543 GL

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

2. Name of Operator  
BP AMERICA PRODUCTION CO Contact: CHERRY HLAVA  
E-Mail: hlavac@bp.com

3. Address P. O. BOX 3092  
HOUSTON, TX 77253 3a. Phone No. (include area code)  
Ph: 281.366.4081

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

Sec 17 T29N R12W Mer NMP  
At surface SWSW 1187FSL 0945FWL 36.72246 N Lat, 108.12697 W Lon

At top prod interval reported below

At total depth

14. Date Spudded  
02/21/1994 15. Date T.D. Reached  
02/24/1994 16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/23/2002

18. Total Depth: MD  
TVD 1685 19. Plug Back T.D.: MD  
TVD 1620 20. Depth Bridge Plug Set: MD  
TVD

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
8.750	7.000	20.0		151		170			
6.250	4.500	11.0		1680		265			

**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	1531							

**25. Producing Intervals**

**26. Perforation Record**

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
PINON FRUITLAND SAND	1202	1222	1202 TO 1222	3.130	40	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1202 TO 1222	FRAC W/500 GAL OF 15% HCL ACID & 36,676# 16/30 BRA

**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
10/23/2002	10/18/2002	24	→	1.0	400.0	1.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4		310.0	→					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. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #15458 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

## 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.)

SOLD

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

Show all important zones of porosity and contents thereof: Cored 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
PICTURED CLIFFS				NACIMIENTO PICTURED CLIFFS OJO ALAMO KIRTLAND FRUITLAND COAL FRUITLAND	60 226 1135 1200

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

On 6/21/02 BP America Production Company requested permission to re-complete the subject well into Pinon Fruitland Sand, North Pool and commingle production downhole with the existing Kutz Pictured Cliffs, West Pool. Permission was granted 6/27/02. This subsequent sundry is submitted to report DHC is complete and well is currently commingling the FS & PC.

Please see attached report.

## 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 #15458 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION CO, sent to the Farmington  
Committed to AFMSS for processing by Matthew Halbert on 12/23/2002 (03MXH0294SE)

Name (please print) CHERRY HLAVATitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 10/24/2002

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.

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

## Revisions to Operator-Submitted EC Data for Well Completion #15458

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMSF-080600	NMSF080600
Agreement:		
Operator:	BP AMERICA PRODUCTION COMPANY P.O. BOX 3092 HOUSTON, TX 77253 Ph: 281.366.4081	BP AMERICA PRODUCTION CO P. O. BOX 3092 HOUSTON, TX 77253 Ph: 281-366-4491
Admin Contact:	CHERRY HLAVA AUTHORIZED REPRESENTATIVE E-Mail: hlavacl@bp.com  Ph: 281.366.4081 Fx: 281.366.0700	CHERRY HLAVA AUTHORIZED REPRESENTATIVE E-Mail: hlavacl@bp.com  Ph: 281.366.4081 Fx: 281.366.0700
Tech Contact:		
Well Name:	GALLEGOS CANYON UNIT	GCU
Number:	538	538
Location:		
State:	NM	NM
County:	SAN JUAN	SAN JUAN
S/T/R:	Sec 17 T29N R12W Mer NMP	Sec 17 T29N R12W Mer NMP
Surf Loc:	SWSW 1187FSL 945FWL	SWSW 1187FSL 0945FWL 36.72246 N Lat, 108.12697 W Lon
Field/Pool:	PINON FRUITLAND SAND, NORTH	PINON FRUITLAND SAND NORTH
Logs Run:	N/A	N A
Producing Intervals - Formations:	PINON FRUITLAND SAND, NORTH	PINON FRUITLAND SAND
Porous Zones:		PICTURED CLIFFS
Markers:	NACIMIENTO OJO ALAMO KIRTLAND SH FRUITLAND FM FRUITLAND COAL PC	NACIMIENTO PICTURED CLIFFS OJO ALAMO KIRTLAND FRUITLAND COAL FRUITLAND

## COMPLETION SUBSEQUENT REPORT

Gallegos Canyon Unit 538

10/24/02

Well is currently DHC FS & PC

**10/14/02** CSG 25 PSI, TBG 0 PSI. PRESS TST TBG 500 PSI. OK, TOH W/3/4" RODS & PMP NDWH, NUBOP. TIH & TAG FILL @1554'. TOH. W/TBG. TIH W/4 1/2" CSG SCRAPER, TOH W/SCRAPER. SWI FN.

**10/15/02** TIH & SET CIBP @1400' LOAD & CIRC. HOLE W/KCL, PRESS TST PLG 1000# OK. MIRUSU. TIH W/3.125" GUN & PERF FRUITLAND SAND 1202' - 1222' W/2 JSPF TOTAL 40 SHOTS. RD SU. MIRU & FRAC FS W/500 GAL OF 15% HCL ACID & 36,676# 16/30 BRADY SAND. PMP 70% NITROGEN FOAM. Flw back well after frac on 1/4" ck w/125 psi. making med. Snd & foam wtr.

**10/16/02** TESTING 3/4" CK W/20 PSI.

**10/17/02** TESTING 3/4" CK.

**10/18/02** CK SI PRESS 310 PSI CSG 0 BH. FLW ON 3/4" CK 400 MCFD. TIH W/3 7/8" MILL TAG SND @1222'. PU PWR SWIVEL C/O & MILL CIBP @1400', C/O @1620' PBTD. PULL ABOVE PERFS. SDFN.

**10/21/02** TIH W/PWR SWIVEL & C/O @1620' W/AIR MIST. TIH & LAND TBG @1531'. RAN MULESHOE JT. STD S/N ON BTM, RIG DN FLR. NDBOP, NUWH. TIH W/40 - 3/4" RODS. LD 40 RODS. SDFN.

**10/22/02** S.I. PRESS 80 PSI CSG. 0 BH. TIH W/NEW PMP & 3/4" RODS. SEAT & SPACE PMP, PRESS TST 500# OK. HANG RODS ON. RDMO.