

**District I** - (505) 393-0101  
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 Houston, TX 77253						OGRID Number 000778		
Contact Party Cherry Hlava						Phone 281-366-4081		
Property Name Gallegos Canyon					Well Number 227E	API Number 30-045-23899		
UL C	Section 20	Township 28N	Range 12W	Feet From The 990	North/South Line North	Feet From The 1540	East/West Line West	County San Juan

**II. Workover**

Date Workover Commenced: 08/22/2001	Previous Producing Pool(s) (Prior to Workover):  Dakota
Date Workover Completed: 09/24/2001	

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

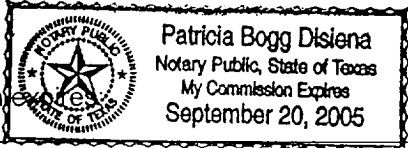
**IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.**

**V. AFFIDAVIT:**

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

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- 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 July 10, 2002  
SUBSCRIBED AND SWORN TO before me this 02 day of July, 2002.

My Commission  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

9-24, 2001

Signature District Supervisor <u>Charlie Therrell</u>	OCD District <u>AZTEC III</u>	Date <u>7-15-2002</u>
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**VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:**

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.  
NMSF079244

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  
EASTERN NAVAJO

7. Unit or CA Agreement Name and No.  
NMM78391A

2. Name of Operator  
AMOCO PRODUCTION COMPANY

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

8. Lease Name and Well No.  
GALLEGOS CANYON 227E

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

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

9. API Well No.  
30-045-23899-00-02

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

At surface NENW 990FNL 1540FWL 36.65219 N Lat, 108.13818 W Lon

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory  
KUTZ CANYON PC, West

11. Sec., T., R., M., or Block and Survey  
or Area Sec 20 T28N R12W Mer NMP

12. County or Parish  
SAN JUAN

13. State  
NM

14. Date Spudded  
02/23/1980

15. Date T.D. Reached  
03/02/1980

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/24/2001

17. Elevations (DF, KB, RT, GL)\*  
5578 GL

18. Total Depth: MD  
TVD 6187

19. Plug Back T.D.: MD  
TVD 6146

20. Depth Bridge Plug Set: MD  
TVD

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

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	0	300	326	300	315		
12.250	8.625	24.0	0	300		300			
7.875	4.500	12.0	0	6187	6171	1400	1320		
7.875	4.500	12.0	0	6191		1400			

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	4801							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) PICTURED CLIFFS	1354	1394	1354 TO 1394	3.130	160	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1354 TO 1394	500 GAL OF 15% ACID & FOLLOWED W/78,960# OF 16/30

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
10/17/2001	11/12/2001	24	→	1.0	218.0	1.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg Press. Flwg. SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/4	SI	47.2	→					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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR RECORD  
NOV 26 2001  
FARMINGTON FIELD OFFICE  
BY *SLP*

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

ELECTRONIC SUBMISSION #8914 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

OPERATOR

GALLEGOS CANYON UNIT 227E  
**REVISED COMPLETION REPORT**  
RECOMPLETION SUBSEQUENT REPORT  
11/13/2001

8/22/01 Check pressures SITP 30# SICP 190# MIRUSU ND Well Head & NU BOP

8/23/01 TOH w/tbg. PU CIBP & TIH w/plug & tbg. Set **plug @ 5800'**. TST'd CIBP to 500# held ok. TOH stndg back 1600' of tbg & LD the rest. SDFN

8/24/01 RU & R CBL log. TOH w/tbg & circ snd on top of ret BP @ 1544'. TOH LD Tbg. ND BOP - Nu frac valve & frac Y. Pressure tst to 3000#. Hold ok. RU & perf PC 1354' - 1394' use 4 JSPF 160 shots total. RD RSU 1800 hrs. Well WO rigless frac.

8/30/01 RU & frac DN Csg. W/500 Gal of 15% acid, followed w/78,960# of 16/30 SND. Pmp w/70% quality foam. Flw well 5 hrs. & died. SI WO rig.

9/12/01 ND frac valve and NU BOP. Spot tbg float & SDFN.

9/13/01 TIH & tagged fill @ 1369'. RU & C/O to 1521'. RD swival & Pull above perfs. Flw well on  $\frac{1}{4}$ " CK for 2 hrs. SIFN.

9/14/01 TIH & tag fill, cleanout to 1520'. Flow to tnk on  $\frac{3}{4}$ " CK. TIH & tag fill @ 1498'.

9/15/01 Flw to tnk on  $\frac{1}{4}$ " ck. Well died after 3 hrs. SI.

9/17/01 TIH & tag fill. C/O to 1520'. RU & flw well to tnk  $\frac{1}{4}$ " ck. Tag fill. Pull above perfs & SIFN.

9/18/01 Cleaning out well. Flw well on 2" open line to tst tnk. SDFN.

9/19/01 TIH w/tbg tgd fill @ 1503' C/O to 1538' - 6' above plg. Made several soap sweeps & pull tbg above perfs. SWFN.

9/20/01 SITP 0#, SICP 0#, SI B. Head - 0#. TIH w/tbg & tgd fill @ 1516'. TOH to chng out ret. Head. TIH w/tbg & new ret. Head. C/O well to TOPlug. TIH & latch plg. TOH w/ RBP & lay dn plg & ret head. SDFN.

9/21/01 TIH w/tbg to 3200' & unload hole w/air & mist. PU tbg & TIH. Tag CIBP, No fill noted. Laid DN 28 jts & Ind tbg @ 4801'. NDBOP's & NUWH. RU pmp tee & chngd over to rod equip. SDFN.

9/22/01 Tst pmp. TIH w/pmp & rods. Press tst pmp to 300#. Pmp & tbg tst'd ok. SI well.

9/24/01 RDMO RR @ 0900 hrs.

GALLEGOS CANYON UNIT 227E  
 BP AMERICA PRODUCTION COMPANY  
 Township: 28N Range 12W  
 Section: 20 Unit C

Pool Name: BASIN DAKOTA

Month

January

February

March

April

May

June

July

August

September

October

November

December

Total

	30-045-23899					
1999	2000	2001	2002	2000	2001	2002
(MCF)	(MCF)	(MCF)	(MCF)	Monthly	Monthly	Monthly
				Average	Average	Average
2106	1741	635	0			
2581	2198	67	0			
2821	1502	2078	0			
2020	1558	3454	0			
2347	3230	2523	0			
2968	2435	2022	0			
2507	2094	90	0			
2626	1864	707	0			
2733	1656	0	0			
2934	1714	0	0			
3072	888	0	0			
2489	986	0	0			
31204	21866	11576	0	1822	965	0
					2001	2002
		MCF	MCF		Monthly	Monthly
					Average	Average
		0	2778			
		0	6469			
		0	6807			
		0				
		0				
		0				
		0				
		0				
		0				
		2681				
		5183				
		3044				
		10908	16054		909	5351

Pool Name: KUTZ PICTURED CLIFFS

Month

January

February

March

April

May

June

July

August

September

October

November

December

Total

Aug. 2001 a CIBP was set over the DK and Pictured Cliffs was perf'd  
 PC began producing in Oct. 2001