

District I - (505) 595-1161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (505) 748-1283  
130 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

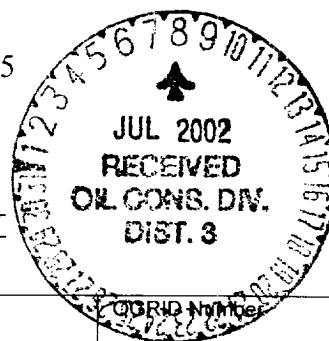
Energy Minerals and Natural Resources Department

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						000778			
Contact Party Cherry Hlava						Phone 281-366-4081			
Property Name Gallegos Canyon						Well Number 193E		API Number 30-045-25173	
UL 4	Section 30	Township 28N	Range 12W	Feet From The 830	North/South Line South	Feet From The 970	East/West Line West	County San Juan	

II. Workover

Date Workover Commenced: 06/22/2001	Previous Producing Pool(s) (Prior to Workover):  Dakota
Date Workover Completed: 07/20/2001	

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 )  
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 July 03, 2002  
SUBSCRIBED AND SWORN TO before me this 02 day of July, 2002.

My Commission expires September 20, 2005

Notary Public Patricia Bogg Disiena

Patricia Bogg Disiena  
Notary Public, State of Texas  
My Commission Expires  
September 20, 2005

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

7-20, 2001

Signature District Supervisor <u>Charlie T. Herrin</u>	OCD District <u>AZTEC III</u>	Date <u>7-8-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

RECEIVED

OCT 01 2001

Form 3162-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTEnvironmental and Regulatory Compliance  
ExxonMobil Production Company  
FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			5. Lease Serial No. I-149-IND-8470		
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator AMOCO PRODUCTION COMPANY			7. Unit or CA Agreement Name and No.		
3. Address P.O. BOX 3092 HOUSTON, TX 77079			8. Lease Name and Well No. GALLEGOS CANYON UNIT 193E		
3a. Phone No. (include area code) Ph: 281.366.4081 Fx: 281.366.0700			9. API Well No. 30-045-25173		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface SWSW Lot M 830FSL 970FWL  At top prod interval reported below  At total depth			10. Field and Pool, or Exploratory FRUITLAND COAL		
14. Date Spudded 05/12/1983			11. Sec., T., R., M., or Block and Survey or Area Sec 30 T28N R12W Mer NMP		
15. Date T.D. Reached 05/18/1983			12. County or Parish SAN JUAN		
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 07/20/2001			13. State NM		
17. Elevations (DF, KB, RT, GL)* 5730 GL					
18. Total Depth: MD TVD 6165		19. Plug Back T.D.: MD TVD		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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)	Casing Top*	Amount Pulled
12.250	8.625	24.000		351					
7.875	4.500	11.000		6165					

## 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	5994							

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
ASIN FRUITLAND COAL	1326	1378	1326 TO 1378	3.130	12	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
1326 TO 1378	119,389 LBS 16/30 AZ SAND

## 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
07/20/2001	07/20/2001		→	0.0	0.0	0.0			FLows FROM WELL
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	0.0	→					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.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

ACCEPTED FOR FILING  
SEP 26 2001  
FARMINGTON FIELD OFFICE  
BY \_\_\_\_\_

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

ELECTRONIC SUBMISSION #6475 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*

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. 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
FRUITLAND COAL	1326	1378		FRUITLAND PICTURED CLIFFS LEWIS SHALE MESAVERDE MANCOS SH. GALLUP MANCOS SH.(2) GREENHORN GRANEROS DAK. MAIN DAK.	800 1360 1500 2270 4135 4994 5585 5824 5936 5992

32. Additional remarks (include plugging procedure):  
Well is now completed as a downhole commingling well - shut-in waiting on pumping equipment.

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 #6475 Verified by the BLM Well Information System for AMOCO PRODUCTION COMPANY.  
Sent to the Farmington. Committed to AFMSS for processing by Lucy Bee on 08/20/2001 ()

Name (please print) CHERRY HLAVA Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ Date 08/17/2001

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**GALLEGOS CANYON UNIT 193E**  
**RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT**  
**08/16/2001**

06/22/2001 MIRUSU @ 14:30 hrs. MIRUSU SICP 250# SITP 250# NDWH & NU BOP's. SDFN.

06/25/2001 TIH to remove 2-3/8" tbg. TOH w/tbg. TIH w/CIBP & TBG - Set BP @ 5800'; Circ hole; Pres. Tst to 500# Held OK. TOH w/Tbg. SDFN.

06/26/2001 RU & R CBL. RD loggers. TIH & set RBP - PU & dmp snd ovr plug. TOH w/tbg. RU & ND BOP & NU Frac Valve - Pres. Tst to 3000# - Held OK. SDFN.

06/27/2001 RU & Perf Fruitland Coal:  
1326' - 1328', 1334' - 1338', & 1362' - 1378' SDFN

06/28/2001 RU & Frac w/500 GALS 15% HCL acid & 119,389# 16/30 Az Snd. RD frac crew. RU & Flow back well on  $\frac{1}{4}$ " choke. SIFN

06/29/2001 Open well on  $\frac{1}{4}$ " ck. - well died. ND frac valve & NU BOP. TIH w/tbg - Tagged fil @ 1454'. PU below perfs. SIFN

07/02/2001 Open Well on  $\frac{1}{4}$ " Ck. RU Swab. Chg Ck & flow w/watchman.

07/03/2001 Flow well. TIH W/Ret Head & Tag fill @ 1404' - cleanout w/air to ret BP - run sweep - TOH w/plug. TIH to TOP & RU to flow back on  $\frac{1}{4}$ " Ck. SIFN.

07/04/2001 SICP 122# SITP 127#. Open well & blew DN in 15 Sec. Came around and flowed 10 hrs. - Tbg surg from 0 - 20# - then held @ 16#. SIFN

07/05/2001 SITP 135# - SICP 140# - Blow well on  $\frac{1}{4}$ " Ck. TIH & Cleaned out 30' of SD to CIBP @ 5800' TOH above perfs & SDFN.

07/06/2001 TIH w/Mil & Tag fill @ 5772' - C/O to CIBP. R sweeps & TOH above perfs. SDFN

07/07/2001 Flow well 8 hrs. SI

07/09/2001 Flow back well, mkng some snd. SDFN.

07/10/2001 Well flowing; still making snd & wtr; RU air unit SIFN

07/11/2001 Bled DN CSG & kill Tbg; TIH w/65 STDS unload hole; Finish TIH tag fil 110' above CIBP; Cleaned out fil and drilled out CIBP; cleaned out to PBD @ 6121'; POH to above perfs. SIFN

07/12/2001 Bled DN CSG; TIH w/tbg tag for fill had 0" of fill; TOH w/mill; TIH w/mud anchor; F nipple & 20 + STDS of Tbg; TOH; SIFN

07/13/2001 Check Pressures; TIH. TOH LD bad Tbg; spot trailer & strap Tbg - TIH PU new string SDFN.

07/16/2001 Finish TIH W/Tbg - Tag fill @ 6085' - TOH w/Tbg. TIH w/Snd Blr - Bailed out 22' of fill - TOH & empty bailer - SDFN

07/17/2001 Made 2 runs w/bailer & cleaned out snd - SDFN

07/18/2001 Ck pres. & blow DN well - Made 2 runs w/snd bailer - SDFN

07/19/2001 TIH & Land Tbg - ND BOP & NU WH - RU SL & pull plug - SDFN

07/20/2001 RU & Swab well - fluid level - 300' above F Nipple - Slight Flow - Rig Release @ 16:00 hrs. 7/20/01

**Well:** GALLEGOS CANYON UNIT      **No.:** 193E  
**Operator:** BP AMERICA PRODUCTION COMPANY      **API:** 3004525173  
**Township:** 28.0N      **Range:** 12W  
**Section:** 30      **Unit:** 4  
**Year:** 2000

**Pool Name: BASIN DAKOTA (PRORATED GAS)**

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oi	Accum. Gas(MCF)
January	0	401	0	31	871	203860
February	0	224	0	29	871	204084
March	0	3485	0	31	871	207569
April	48	1552	0	30	919	209121
May	0	1588	0	31	919	210709
June	0	581	0	30	919	211290
July	0	1099	0	31	919	212389
August	3	1232	0	31	922	213621
September	0	1475	0	30	922	215096
October	0	2014	0	30	922	217110
November	1	2284	0	30	923	219394
December	0	2096	0	31	923	221490
<b>Total</b>	<b>52</b>	<b>18031</b>	<b>0</b>	<b>365</b>		

**Year:** 2001

**Pool Name: BASIN DAKOTA (PRORATED GAS)**

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oi	Accum. Gas(MCF)
January	0	763	0	31	923	222253
February	0	137	0	28	923	222390
March	0	0	0	31	923	222390
April	0	519	0	30	923	222909
May	0	0	0	31	923	222909
June	1	0	0	21	924	222909
July	0	0	0	0	924	222909
August	30	0	30	10	954	222909
September	0	0	40	25	954	222909
October	35	0	0	24	989	222909
November	0	656	0	30	989	223565
December	0	843	0	31	989	224408
<b>Total</b>	<b>66</b>	<b>2918</b>	<b>70</b>	<b>292</b>		

**Pool Name: BASIN FRUITLAND COAL (GAS)**

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oi	Accum. Gas(MCF)
January	0	0	0	0	989	224408
February	0	0	0	0	989	224408
March	0	0	0	0	989	224408
April	0	0	0	0	989	224408
May	0	0	0	0	989	224408
June	0	0	0	0	989	224408
July	0	0	0	0	989	224408
August	30	0	30	10	1019	224408
September	0	0	40	25	1019	224408
October	35	0	0	24	1054	224408
November	0	4362	0	30	1054	228770
December	0	10568	0	31	1054	239338
<b>Total</b>	<b>65</b>	<b>14930</b>	<b>70</b>	<b>120</b>		

**Well:** GALLEGOS CANYON UNIT      **No.:** 193E  
**Operator:** BP AMERICA PRODUCTION COMPANY      **API:** 3004525173  
**Township:** 28.0N      **Range:** 12W  
**Section:** 30      **Unit:** 4

**Year:** 2002

**Pool Name:** BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oi	Accum. Gas(MCF)
January	0	802	0	31	1054	240140
February	0	745	0	28	1054	240885
March	0	898	0	31	1054	241783
April	0	0	0	0	1054	241783
May	0	0	0	0	1054	241783
June	0	0	0	0	1054	241783
July	0	0	0	0	1054	241783
August	0	0	0	0	1054	241783
September	0	0	0	0	1054	241783
October	0	0	0	0	1054	241783
November	0	0	0	0	1054	241783
December	0	0	0	0	1054	241783
<b>Total</b>	<b>0</b>	<b>2445</b>	<b>0</b>	<b>90</b>		

**Pool Name:** BASIN FRUITLAND COAL (GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oi	Accum. Gas(MCF)
January	0	11070	0	31	1054	252853
February	0	9651	0	28	1054	262504
March	0	8626	0	31	1054	271130
<b>Total</b>	<b>0</b>	<b>29347</b>	<b>0</b>	<b>90</b>		