

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

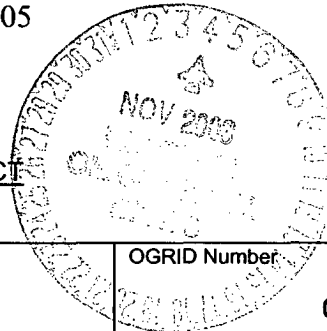
Form C-140

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 Unit					Well Number 279		API Number 30-045-23603		
UL E	Section 23	Township 28N	Range 12W	Feet From The 1650	North/South Line North	Feet From The 990	East/West Line West	County San Juan	

II. Workover

Date Workover Commenced: 10/28/02	Previous Producing Pool(s) (Prior to Workover): Kutz Pictured Cliffs, West
Date Workover Completed: 11/05/02	

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.

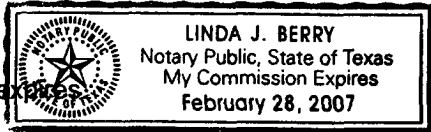
V. AFFIDAVIT:

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 October 29, 2003

SUBSCRIBED AND SWORN TO before me this 29th day of October, 2003.

My Commission Expires  Linda J. Berry
Notary Public

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

11/5/02

Signature District Supervisor <u>77-8</u>	OCD District <u>3</u>	Date <u>12/6/03</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. NMSF078828	
6. If Indian, Allottee or Tribe Name	
7. Unit or CA Agreement Name and No.	
8. Lease Name and Well No. GCU 279	
9. API Well No. 30-045-23603-00-C2	
10. Field and Pool, or Exploratory PINON FRUITLAND SAND	
11. Sec., T., R., M., or Block and Survey or Area Sec 23 T28N R12W Mer NMP	
12. County or Parish SAN JUAN	13. State NM
17. Elevations (DF, KB, RT, GL)* 5767 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: hlavacl@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 23 T28N R12W Mer NMP
At surface SWNW 1650FNL 0990FWL 36.65038 N Lat, 108.08608 W Lon
At top prod interval reported below
At total depth

14. Date Spudded
08/17/1979
15. Date T.D. Reached
08/21/1979
16. Date Completed
☐ D & A ☒ Ready to Prod.
11/05/2002

18. Total Depth: MD 1829
TVD
19. Plug Back T.D.: MD 1758
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CCL&GR
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
12.250	8.625	26.0		129		100			
6.750	4.500	11.0		1798		310			

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	1689							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
PINON FRUITLAND SAND	1311	1350	1311 TO 1350	3.130	78	
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
1311 TO 1350	FRAC FS W/500 GALS OF 15% HCL ACID, FOLLOWED W/55,

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
11/05/2002	10/31/2002	10	→	1.0	645.0	30.0			ELECTRIC PUMP SUB-SURFACE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
3/4	SI	30.0	→					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		→						

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

ELECTRONIC SUBMISSION #15840 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				PICTURED CLIFFS OJO ALAMO KIRTLAND FRUITLAND MESAVERDE	377 465 1311 1789

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 Pool and commingle production downhole with the existing Kutz Pictured Cliffs, West Pool.

This work is accomplished and well is downhole commingling the F.S. & the P.C.

Please see the attached summary.

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 #15840 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 12/12/2002 (03MXH0271SE)

Name (please print) CHERRY HLAVA

Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission)

Date 11/06/2002

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 ** REVISED ****

Revisions to Operator-Submitted EC Data for Well Completion #15840

	Operator Submitted	BLM Revised (AFMSS)
Lease:	SF-078828	NMSF078828
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:	279	279
Location:		
State:	NM	NM
County:	SAN JUAN	SAN JUAN
S/T/R:	Sec 23 T28N R12W Mer NMP	Sec 23 T28N R12W Mer NMP
Surf Loc:	SWNW 1650FNL 990FWL	SWNW 1650FNL 0990FWL 36.65038 N Lat, 108.08608 W Lon
Field/Pool:	PINON FRUITLAND SAND	PINON FRUITLAND SAND
Logs Run:	CCL & GR	CCL&GR
Producing Intervals - Formations:	PINON FRUITLAND SAND, N	PINON FRUITLAND SAND
Porous Zones:		PICTURED CLIFFS
Markers:	OJO ALAMO KIRTLAND FRUITLAND PICTURED CLIFFS LEWIS	PICTURED CLIFFS OJO ALAMO KIRTLAND FRUITLAND MESAVERDE

GALLEGOS CANYON UNIT 279
RECOMPLETION SUBSEQUENT REPORT
11/7/2002

WELL IS CURRENTLY DHC PINON FRUITLAND SAND & KUTZ PICTURED CLIFFS, WEST.

10/28/02 MIRUSU SPOT EQUIP. BLED OFF WELL & TOH w/RODS & TBG. NDWH & NUBOP. PULL TBG HANGER & TOH w/TBG. SPOT FRAC TNKS, BLW TNK, DRAIN EQUIP SDFN.

10/29/02 SICP - 60# BLED OFF PRESS. TIH & SET CIBP @1450'. PRESS TST CSG TO 1000#. HELD OK. TOH w/TBG & SETTING TOOL. RU & LOG FRUITLAND SAND. TIH w/3.125" GUN & PERF F.S. FROM 1311' - 1350' w/2 JSPF TOTAL OF 78 SHOTS. SDFN.

10/30/02 MIRU SU & FRAC F.S. w/500 GALS OF 15% HCL ACID, FOLLOWED w/55,475# OF 16/30 BRADY SAND; PMP 70% NITROGEN FOAM. FINAL PRESS 1680#, ISIP - 1030#. RDSU & STINGER. RU $\frac{1}{4}$ " CK & FLW TO PIT. 1000# FLW N2 & FOAM TO PIT. MAKING 592 MCFD. W/MOSTLY N2 & FOAM.

10/31/02 TESTING; FLW TO PIT ON $\frac{3}{4}$ " CK. MAKING 3 B.W. PER HR & SOME SND. AVG 645 MCFD.

11/01/02 SICP - 30#, RU 3" LINES & BLED OFF PRESSURE. TIH w/TBG & TAG FILL @1320' RU & C/O SND TO CIBP, CIRC. HOLE CLEAN @ 1450'. MILL CIBP & CIRC. TIH w/TBG, TAG FILL & CIBP @1700'. TOH TO TOP PERF. SDFN.

11/04/02 CSG 90#; BLED DN PRESS. TIH & TAG FILL @1710'. RU PWR SWIVEL & MILL & C/O TO BTM @1758'. CIRC W/AIR & MIST. LD PWR SWIVEL & TOH w/TBG. TIH w/PROD TBG & TAG FOR FILL, TOH w/TBG TO TOP PERFS. SDFN.

11/05/02 SICP 90#. BLED OFF WELL. TIH w/TBG & TAG @1744'. C/O TO PBTD @1750', W/AIR & MIST. TOH & LAND TBG @1689'. TIH W/RODS & SEAT PMP. HANG HORSES HEAD & SPACE OUT. PRESS TST TBG TO 500#, BLED OFF PRESS & STROKE TST TO 350#. OK. RD PMP LINES. RDMO LOCATION.