

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-4283
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

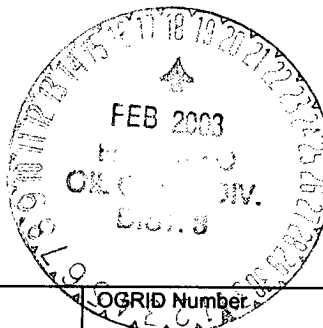
Form C-140

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: Mary Corley Houston, TX 77253						OGRID Number 000778			
Contact Party Mary Corley						Phone 281-366-4491			
Property Name Federal Gas Com L						Well Number 1		API Number 30-045-20327	
UL F	Section 14	Township 30N	Range 11W	Feet From The 1550	North/South Line North	Feet From The 1500	East/West Line West	County San Juan	

II. Workover

Date Workover Commenced: 04/03/2002	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 04/24/2002	

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)
Mary Corley, 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 Mary Corley Title Senior Regulatory Analyst Date February 10, 2003

SUBSCRIBED AND SWORN TO before me this 10 day of February, 2003.

My Commission expires:  Patricia Bogg Disena
Notary Public Patricia Bogg Disena

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

04-24-2003

Signature District Supervisor <u>Charlie Herron</u>	OCD District <u>AZTEC IV</u>	Date <u>02-18-2003</u>
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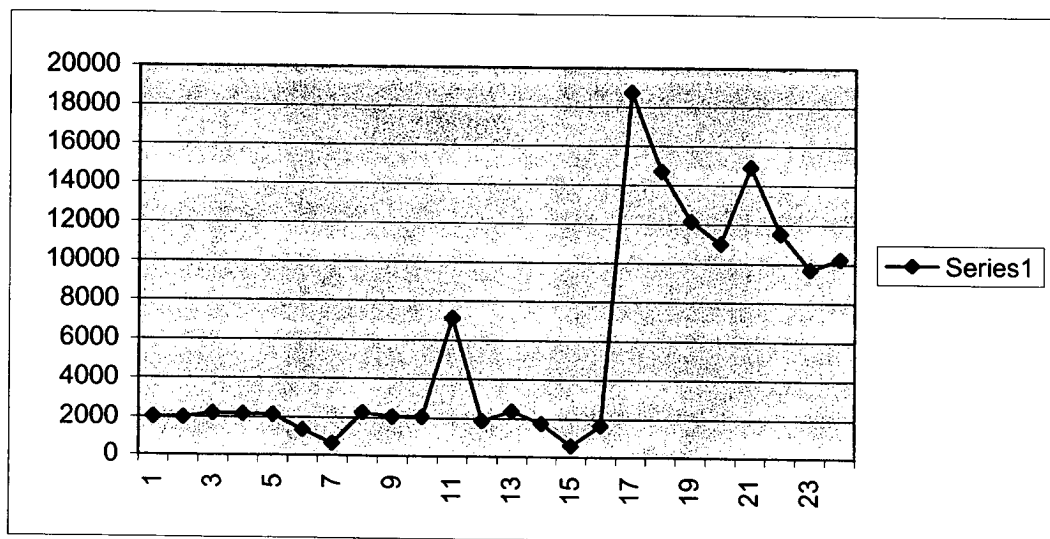
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Well: **FEDERAL GAS COM L**
BP AMERICA PRODUCTION COMPANY
Township: 30.0N Range: 11W
Section: 14 Unit: F
Land Type F County: San Juan

No.: 1
API: 30-045-20327

Month	Production
January-01	2015
February-01	1979
March-01	2188
April-01	2149
May-01	2118
June-01	1345
July-01	627
August-01	2251
September-01	2052
October-01	2050
November-01	7108
December-01	1876
January-02	2372
February-02	1742
March-02	587
April-02	271
May-02	2431
June-02	1908
July-02	2401
August-02	2180
September-02	2324
October-02	2400
November-02	2328
December-02	2370

Month	Production
January-01	0
February-01	0
March-01	0
April-01	0
May-01	0
June-01	0
July-01	0
August-01	0
September-01	0
October-01	0
November-01	0
December-01	0
January-02	0
February-02	0
March-02	0
April-02	1390
May-02	16290
June-02	12787
July-02	9721
August-02	8825
September-02	12588
October-02	9126
November-02	7377
December-02	7864



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF - 080601

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resv.
Other _____

6. If Indian, Allottee or Tribe Name

Unit or CA Agreement Name and No.

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

Contact: MARY CORLEY
E-Mail: corleym1@bp.com

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

3a. Phone No. (include area code)
Ph: 281.366.4491

8. Lease Name and Well No.
FEDERAL GAS COM L 1

9. API Well No.
30-045-20327

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

At surface SENW Lot F 1550FNL 1500FWL

At top prod interval reported below

At total depth

10. Field and Pool, or Exploratory
BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T30N R11W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
09/05/1968

15. Date T.D. Reached
09/21/1968

16. Date Completed
☐ D & A ☒ Ready to Prod.
04/24/2002

17. Elevations (DF, KB, RT, GL)*
5896 GL

18. Total Depth: MD
TVD 7041

19. Plug Back T.D.: MD
TVD 6910

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
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 Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625	24.0	0	362		260		0	
7.875	4.500	10.5	0	7039		2050			

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	6730							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4652	4570	4652 TO 4960	3.125	40	
B)			4288 TO 4570	3.125	28	
C)						
D)						

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

Depth Interval	Amount and Type of Material
4652 TO 4960	78,377# OF 16/30 BRADY SAND & 70% FOAM & N2
4288 TO 4570	73,165# OF 16/30 BRADY SAND & 70% FOAM & N2

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
04/22/2002	04/22/2002	12	▶	1.0	550.0	0.0			FLows FROM WELL
Choke Size	Tbg. Press. Plwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
		210.0	▶					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. Plwg. SI	Csg. Press.	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 #11113 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

ACCEPTED FOR RECORD

MAY 1 2002

FARMINGTON FIELD OFFICE
BY

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
Check Size	Tbg. Press. Plwg. 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
Check Size	Tbg. Press. Plwg. 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
MESAVERDE	4288	4960		CLIFFHOUSE MENESEE POINT LOOKOUT MANCOS GALLUP GREENHORN GRANEROS SHALE DAKOTA	4075 4194 4678 4967 5910 6651 6702 6833

32. Additional remarks (include plugging procedure):

Subject well was completed into the Blanco Mesaverde and production is commingle downhole with the existing Basin, Dakota Pool. Please see attached for well completion process.

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 #11113 Verified by the BLM Well Information System.
For BP AMERICA PRODUCTION COMPANY, sent to the Farmington

Name (please print) **MARY CORLEY**

Title **AUTHORIZED REPRESENTATIVE**

Signature (Electronic Submission) *Mary Corley*

Date **04/29/2002**

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

FEDERAL GAS COM L 1
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
04/29/2002

04/03/2002 MIRUSU @ 07:00 hrs. NDWH & NU BOP's. Unseat TBG hanger. TIH & TOH W/TBG. Pulled 1500' of TBG & it parted. SDFN.

04/04/2002 TIH w/overshot attempt to pull remaining TBG. Tried to work down on fish. Unable to. TOH & SDFN.

04/05/2002 TIH & latch onto fish and TOH w/ remaining TBG. SDFN

04/08/2002 TIH w/CSG scraper to 5200'. SDFN

04/09/2002 TIH & set a CIBP @ 5050'. Load hole w/2% KcL water. Attempted to pressure test. Would not hold. PU & check for hole in CSG. Isolated a small leak (1.6 BBLs @ 1700# bled down to 500# in 15 min) @ 4254' - 4285'. Release PKR & TOH.

04/10/2002 RU & ran CBL from 3900' - 5050'. Found good bond. SDFN.

04/12/2002 RU & Perf Point Lookout, 3.125 inch diameter 2 spf, 120° phasing (20 shots/ 40 holes): 4652', 4672', 4685', 4694', 4698', 4712', 4725', 4733', 4745', 4773', 4778', 4795', 4825', 4852', 4863', 4875', 4892', 4928', 4925', 4960'

04/15/2002 RU & Frac w/78,377# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4585'. RU & Perf Menefee, 3.125 inch diameter 2 spf, 120° phasing (14 shots/ 28 holes): 4288', 4302', 4345', 4380', 4395', 4408', 4452', 4470', 4480', 4508', 4516', 4525', 4557', 4570'

RU & Frac w/73,165# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru $\frac{1}{4}$ " choke all night.

04/16/2002 Flowback well thru $\frac{1}{4}$ " choke. @ 13:00 hrs upsized to $\frac{1}{2}$ " choke & flowback overnight.

04/17/2002 Flowback well thru $\frac{1}{2}$ " choke. @ 09:00 hrs upsized to $\frac{3}{4}$ " choke. SDFN.

04/18/2002 TIH & tag fill @ 4235'. Circ hole clean to top of CIBP set @ 4585'. DO CIBP. PU above perfs & SDFN.

04/19/2002 TIH & tagged fill @ 4810'. Circ hole clean to top of CIBP set @ 5050'. DO CIBP. PU above perfs & flow back well on $\frac{3}{4}$ " choke overnight.

04/22/2002 TIH & tag fill @ 6890'. Circ hole clean to PBTD @ 6910'. PU above perfs & flow test well 12 hrs. thru $\frac{3}{4}$ " choke. 550 MCF Gas, Trace WTR, Trace oil.

04/24/2002 TIH & found O' fill. TOH. TIH W/ 2 3/8" production TBG & land @ 6730'. ND BOP's & NUWH. Pull TBG plug. RDSU

04/24/2002 RDMOSU. Rig Release @ 13:00 hrs.