

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

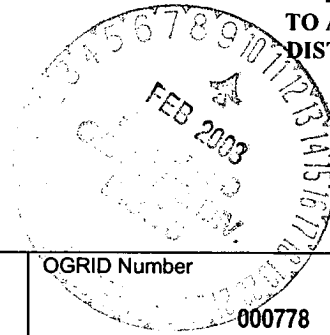
Form C-140

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: Mary Corley Houston, TX 77253						OGRID Number 000778			
Contact Party Mary Corley						Phone 281-366-4491			
Property Name Trigg Federal Gas Com B					Well Number 1	API Number 30-045-26364			
UL I	Section 15	Township 29N	Range 09W	Feet From The 2105'	North/South Line South	Feet From The 875'	East/West Line East	County San Juan	

II. Workover

Date Workover Commenced: 03/07/2002	Previous Producing Pool(s) (Prior to Workover):  Basin Dakota
Date Workover Completed: 03/22/2002	

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 )  
 ) 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 7, 2003

SUBSCRIBED AND SWORN TO before me this 07 day of February, 2003.

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

03-22-2002

Signature District Supervisor <u>Charlie T. Herrin</u>	OCD District <u>AZTEC III</u>	Date <u>02-11-2003</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Well: TRIGG FEDERAL GAS COM B No.: 1  
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-26364  
 Township: 29.0N Range: 09W  
 Section: 15 Unit: 9 County: San Juan

Year: 2001

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	0	786	0	31	437	119312
February	17	0	0	28	454	119312
March	13	2572	0	31	467	121884
April	14	1552	0	28	481	123436
May	7	1465	0	31	488	124901
June	6	1336	0	30	494	126237
July	5	1334	0	31	499	127571
August	2	1358	0	31	501	128929
September	7	1246	0	30	508	130175
October	2	1239	0	31	510	131414
November	6	721	0	30	516	132135
December	4	1202	0	31	520	132771
Total	83	14811	0	363		

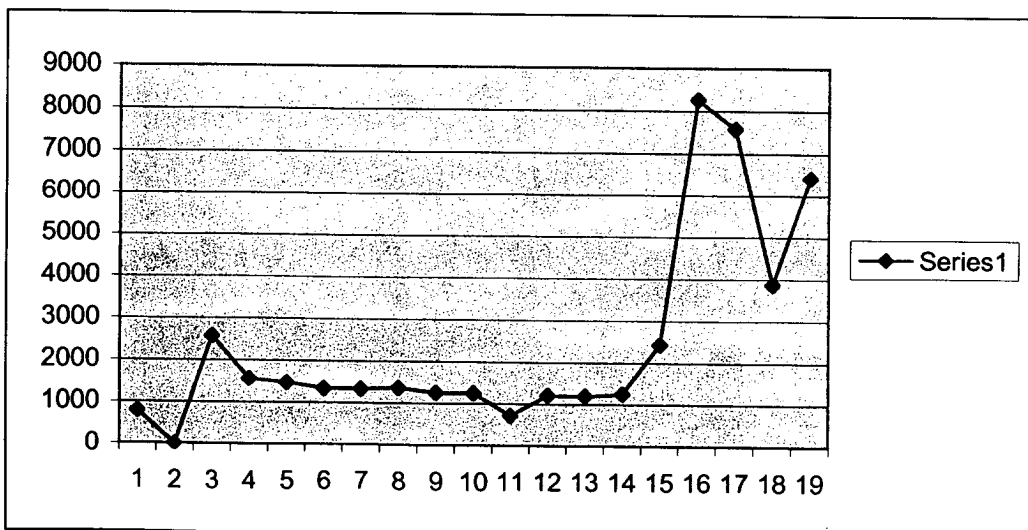
Year: 2002

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	5	1189	0	31	525	133402
February	6	1244	0	10	531	134646
March	2	536	0	6	533	135182
April	73	1815	41	30	606	136997
May	29	1667	46	31	635	138664
June	38	850	74	23	673	139514
July		1413				
Total	153	8714	161	131		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Prod Accum.	Oil Accum.	Gas(MCF)
January	0	0	0	0	673	139514
February	0	0	0	0	673	139514
March	0	1896	0	6	673	141410
April	6	6437	4	30	679	147847
May	3	5906	4	31	682	153753
June	3	3012	6	23	685	156765
July		5006				
Total	12	22257	14	90		



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**

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. NMSF - 078938		
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 BP AMERICA PRODUCTION COMPANY			7. Unit or CA Agreement Name and No.		
Contact: CHERRY HLAVA E-Mail: hlavacl@bp.com			8. Lease Name and Well No. TRIGG FEDERAL GC B1		
3. Address P.O. BOX 3092 HOUSTON, TX 77253			9. API Well No. 30-045-26364		
3a. Phone No. (include area code) Ph: 281.366.4081			10. Field and Pool, or Exploratory BASIN DK / BLANCO MESAVERDE		
4. Location of Well (Report location clearly and in accordance with Federal requirements)*  At surface NESE Lot I 2105FSL 875FEL  At top prod interval reported below  At total depth			11. Sec., T., R., M., or Block and Survey or Area Sec 15 T29N R9W Mer NMP		
14. Date Spudded 06/15/1985			15. Date T.D. Reached 06/25/1985		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/06/2002			17. Elevations (DF, KB, RT, GL)* 6483 GL		
18. Total Depth: MD TVD 7584		19. Plug Back T.D.: MD TVD 7536		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)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0	0	346				0	
8.750	7.000 J-55	20.0	0	2940					
6.250	4.500 J-55	11.6	0	7584					

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	7365							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4590	5647	5204 TO 5647	3.125	26	
B)			5250 TO 5389	3.125	20	
C)			4657 TO 4784	3.125	14	
D)			4590 TO 5098	3.125	32	

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

Depth Interval	Amount and Type of Material
5204 TO 5647	80,164# OF 16/30 BRADY SAND & 70% FOAM & N2
4590 TO 5098	83,411# 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
03/25/2002	03/21/2002	12	→	1.0	1.2	1.0			FLOWERS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	100.0	→					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	
			→						

**ACCEPTED FOR RECORD**

APR 02 2002

FARMINGTON FIELD OFFICE  
BY                     

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

ELECTRONIC SUBMISSION #10980 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

**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.)  
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	4565	5680		CLIFFHOUSE MENESEE POINT LOOKOUT GALLUP GREENHORN DAKOTA	5028 5076 5290 6502 7260 7316

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

Subject well has been completed into the Mesaverde and production commingled downhole with the existing Dakota Pool. See attached Subsequent Report for well work activity.

## 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 #10980 Verified by the BLM Well Information System.  
For BP AMERICA PRODUCTION COMPANY, will be sent to the Farmington

Name (please print) CHERRY HLAVA *Cherry Hlava* Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 03/28/2002

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.

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

TRIGG FEDERAL GC B 1  
ADD MV & DHC With DK SUBSEQUENT REPORT  
03/28/2002

03/07/02 MIRUSU NDWH & NU BOP's. Unseat TBG hanger. TOH W/TBG. SDFN.

03/08/02 TIH & set a CIBP @ 5750'. Load hole w/2% KcL water. Pressure test CSG to 2500#. Held OK. RU & run CBL log. Had good bond. RU & perf MV 5204' - 5647'.

RU & Perf Point Lookout & Lower Menefee: w/3.125 inch diameter csg gun.

Lower Menefee Perforations, 2 spf (13 shots/ 26 holes):

5204'; 5210'; 5407'; 5433'; 5445'; 5462'; 5480'; 5501'; 5541'; 5560'; 5596'; 5628'; 5647'.

Lower Point Lookout Perforations, 1 spf (20 shots/ 20 holes):

5250'; 5256'; 5262'; 5270'; 5275'; 5288'; 5296'; 5302'; 5308'; 5314'; 5322'; 5330';  
5338'; 5340'; 5350'; 5356'; 5364'; 5373'; 5378'; 5389'.

03/11/02 RU & Frac w/80,164# of 16/30 Brady Sand in 70% quality foam & N2. W/500 gal 15% HCL. RU & TIH w/CIBP & set @ 5750'. RU & Perf Menefee: 3.125 inch diameter

Cliff House Perforations, 1 spf (14 shots/ 14 holes)

4657'; 4684'; 4690'; 4693'; 4703'; 4710'; 4720'; 4732'; 4738'; 4753'; 4760'; 4765';  
4780'; 4784'.

Menefee Perforations, 2 spf (16 shots/ 32 holes)

4590'; 4600'; 4606'; 4628'; 4836'; 4868'; 4885'; 4894'; 4951'; 4960'; 5005'; 5028';  
5043'; 5070'; 5078'; 5098'.

03/15/2002 RU & Frac w/83,411# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru 1/4" choke all night.

3/18/2002 Flowback well thru 3/4" choke. Well making heavy snd & foam & wtr. Installed a 1/2" Choke & flw well through night.

03/19/2002 TIH with 3 7/8" mill & tbg. Tag up @ 4800'. RU air unit & circ hole clean to top of CIBP set @ 5115'/ Milled out CIBP @ 5650'. Pulled up above perfs & flw all night thru 3/4" CK.

03/20/2002 Mill on CIBP @ 5670. C/O to 5770'. Ran sweeps & pulled above perfs. SDFN

03/21/2002 TIH & mill out CIBP set @ 5750'. TIH circ clean to PBTD @7560'. Pull above perfs. 3/4" ck flw tst. 12 hrs flw @ 1.2 MMCFD. SDFN.

03/22/2002 TIH & land tbg @ 7365'. NDBOP & NUWH.Rig up B&R slickline & pulled tbg plug & set tbg stop. RD/WL. MO

Allocation of Production

Mesaverde

Dakota

Allocation Factors

78% gas & 8% oil

22% gas & 92% oil