

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 Azcos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

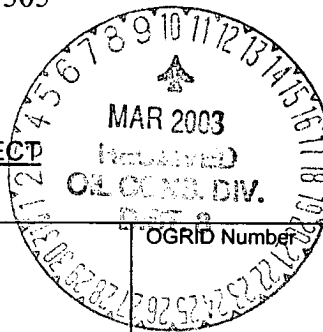
Form C-140

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 Heaton A						Well Number 1	API Number 30-045-23442		
UL M	Section 30	Township 31N	Range 11W	Feet From The 1070	North/South Line South	Feet From The 1180	East/West Line West	County San Juan	

II. Workover

Date Workover Commenced: 04/12/2002	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 04/26/2002	

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 March 06, 2003

SUBSCRIBED AND SWORN TO before me this 06 day of March, 2003.

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

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

04-26-2002

Signature District Supervisor <u>Charlie Rerm</u>	OCD District <u>AZTEC III</u>	Date <u>04-02-2003</u>
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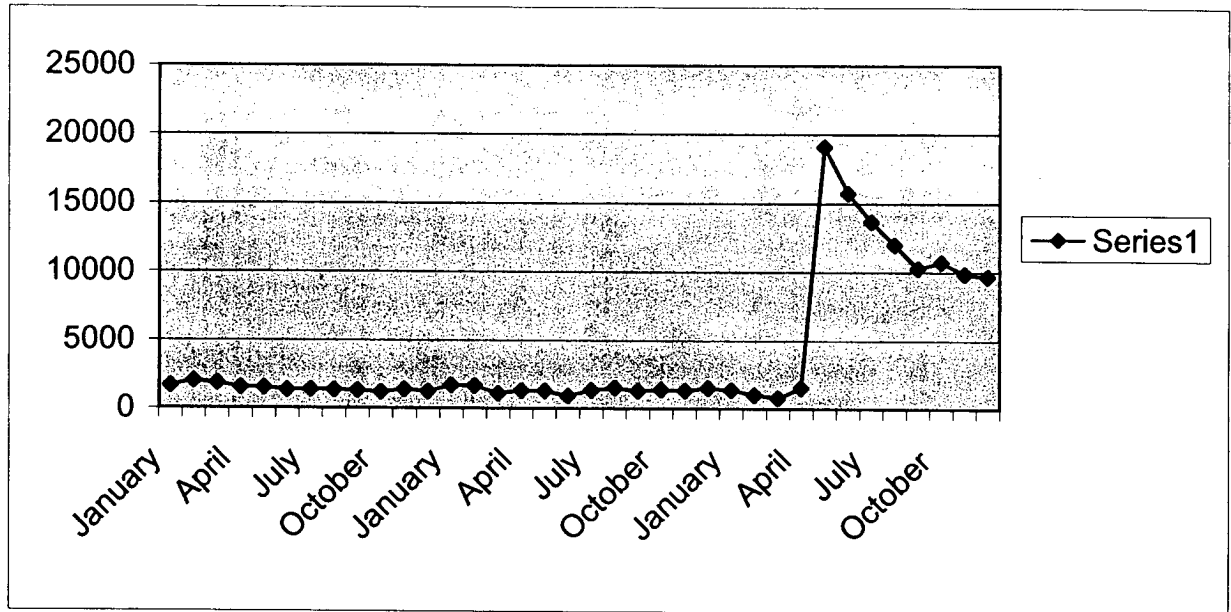
VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Year: 2000					
BASIN DAKOTA		BLANCO-MESAVERDE		COMBINED	
Month	Gas(MCF)	Month	Gas(MCF)	Month	Gas(MCF)
January	1663	January	0	January	1663
February	2018	February	0	February	2018
March	1846	March	0	March	1846
April	1559	April	0	April	1559
May	1521	May	0	May	1521
June	1359	June	0	June	1359
July	1391	July	0	July	1391
August	1352	August	0	August	1352
September	1321	September	0	September	1321
October	1205	October	0	October	1205
November	1415	November	0	November	1415
December	1250	December	0	December	1250

Year: 2001					
BASIN DAKOTA		BLANCO-MESAVERDE		COMBINED	
Month	Gas(MCF)	Month	Gas(MCF)	Month	Gas(MCF)
January	1720	January	0	January	1720
February	1675	February	0	February	1675
March	1140	March	0	March	1140
April	1327	April	0	April	1327
May	1283	May	0	May	1283
June	937	June	0	June	937
July	1352	July	0	July	1352
August	1518	August	0	August	1518
September	1322	September	0	September	1322
October	1406	October	0	October	1406
November	1345	November	0	November	1345
December	1521	December	0	December	1521

Year: 2002					
BASIN DAKOTA		BLANCO-MESAVERDE		COMBINED	
Month	Gas(MCF)	Month	Gas(MCF)	Month	Gas(MCF)
January	1375	January	0	January	1375
February	1032	February	0	February	1032
March	816	March	0	March	816
April	77	April	1464	April	1541
May	300	May	18795	May	19095
June	297	June	15427	June	15724
July	303	July	13366	July	13669
August	261	August	11737	August	11998
September	198	September	10088	September	10286
October	258	October	10467	October	10725
November	234	November	9625	November	9859
December	242	December	9443	December	9685

HEATON A No: 1 30-045-23442
BP AMERICA PRODUCTION COMPANY API:
T31N R11W Sec. 30 San Juan County




Submit To Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-105
Revised March 25, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

						WELL API NO. 30-045-23442	
						5. Indicate Type of Lease STATE FEE <input checked="" type="checkbox"/>	
						State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG							
1a. Type of Well: OIL WELL GAS WELL <input checked="" type="checkbox"/> DRY OTHER						7. Lease Name or Unit Agreement Name Heaton A	
b. Type of Completion: NEW WELL WORK OVER PLUG BACK DIFF. RESVR <input checked="" type="checkbox"/> OTHER							
2. Name of Operator BP America Production Company						8. Well No. 1	
3. Address of Operator P.O. Box 3092 Houston, TX 77253 Attn: Mary Corley						9. Pool name or Wildcat Blanco Mesaverde	
4. Well Location Unit Letter M : 1070 Feet From The South Line and 1180 Feet From The West Line Section 30 Township 31N Range 11W NMPM San Juan County							
10. Date Spudded 12/03/1979		11. Date T.D. Reached 12/13/1979		12. Date Compl. (Ready to Prod.) 04/25/2002		13. Elevations (DF& RKB, RT, GR, etc.) 5934' GR	
14. Elev. Casinghead		15. Total Depth 7035'		16. Plug Back T.D. 7017'		17. If Multiple Compl. How Many Zones?	
18. Intervals Drilled By		19. Producing Interval(s), of this completion - Top, Bottom, Name 4336' - 5005' Blanco Mesaverde		20. Was Directional Survey Made NO		21. Type Electric and Other Logs Run CCL/CBL	
22. Was Well Cored NO							
23. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
9 5/8"		36#		229'		13 3/4"	
7"		23#		3222'		8 3/4"	
4 1/2"		10.5#		7035'		6 3/4"	
24. LINER RECORD							
SIZE		TOP		BOTTOM		SACKS CEMENT	
4 1/2		3003		7035		550	
25. TUBING RECORD							
SIZE		DEPTH SET		PACKER SET			
2 3/8"		6505'					
26. Perforation record (interval, size, and number)							
PLEASE SEE ATTACHED SUBSEQUENT REPORT FOR PERFORATION DETAILS							
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.							
DEPTH INTERVAL				AMOUNT AND KIND MATERIAL USED			
4336' - 4556'				83350# 16/40 Brady Sand, 70% Foam, N2			
4626' - 5005'				76740# 16/40 Brady Sand, 70% Foam, N2			
28. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 04/23/2002		Hours Tested 12		Choke Size 3/4"		Prod'n For Test Period	
						Oil - Bbl Trace	
						Gas - MCF 902	
						Water - Bbl. Trace	
						Gas - Oil Ratio	
Flow Tubing Press.		Casing Pressure 110#		Calculated 24-Hour Rate		Oil - Bbl.	
						Gas - MCF	
						Water - Bbl.	
						Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
30. List Attachments							
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief							
Signature 		Printed Name Mary Corley		Title Sr. Regulatory Analyst		Date 05/10/2002	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____
T. Salt _____
B. Salt _____
T. Yates _____
T. 7 Rivers _____
T. Queen _____
T. Grayburg _____
T. San Andres _____
T. Glorieta _____
T. Paddock _____
T. Blinebry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
T. Wolfcamp _____
T. Penn _____
T. Cisco (Bough C) _____

T. Canyon _____
T. Strawn _____
T. Atoka _____
T. Miss _____
T. Devonian _____
T. Silurian _____
T. Montoya _____
T. Simpson _____
T. McKee _____
T. Ellenburger _____
T. Gr. Wash _____
T. Delaware Sand _____
T. Bone Springs _____
T. _____
T. _____
T. _____
T. _____

Northwestern New Mexico

T. Ojo Alamo	
T. Kirtland-Fruitland	
T. Pictured Cliffs	
T. Cliff House	4040'
T. Menefee	4170"
T. Point Lookout	4710'
T. Mancos	4950'
T. Gallup	6000
Base Greenhorn	6783'
T. Dakota	9606'
T. Morrison	
T. Todilto	
T. Entrada	
T. Wingate	
T. Chinle	
T. Permian	
T. Penn "A"	

T. Penn. "B" _____
T. Penn. "C" _____
T. Penn. "D" _____
T. Leadville _____
T. Madison _____
T. Elbert _____
T. McCracken _____
T. Ignacio Otzte _____
T. Granite _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____
T. _____

OIL OR GAS SANDS
OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....

No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

HEATON A 1
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
06/11/2002

04/12/2002 MIRUSU @ 13.30 hrs. NDWH & NU BOP's. Unseat TBG hanger. SDFN.

04/15/2002 TOH W/TBG.

04/16/2002 RU, TIH & set a CIBP @ 5155'. Load hole w/2% KcL water. Pressure tested CSG to 2000#. Held Ok. RU & run CCL/CBL log from 5155' to surface. Found good CMT.

04/17/2002 RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee perforations, 2 spf, 120° phasing (6 shots/ 12 holes):

4626', 4644', 4650', 4662', 4690', 4696'

Upper Point Lookout perforations, 1 spf, 120° phasing (16 shots/ 16 holes):

4710', 4716', 4720', 4730', 4736', 4742', 4748', 4758', 4766', 4772', 4776',
4792', 4796', 4810', 4826', 4834'

Lower Point Lookout perforations, 2 spf, 120° phasing (8 shots/ 16 holes):

4877', 4891', 4924', 4940', 4947', 4970', 4995', 5005'

04/18/2002 RU & Frac w/76,740# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4580'. RU & Perf Menefee: 3.125 inch diameter

Menefee perforations, 2 spf, 120° phasing (16 shots/ 32 holes):

4336', 4352', 4377', 4383', 4391', 4411', 4416', 4452', 4456', 4460', 4466',
4532', 4540', 4544', 4550', 4556'

RU & Frac w/83,350# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru ¼" choke all night.

04/19/2002 Flowback well thru ¼" choke. @ 04:00 hrs upsized to ½" choke.

04/20/2002 Flowback well thru ½" choke. @ 11:00 hrs upsized to ¾" choke & flowback overnight..

04/21/2002 Flowback well thru ¾" choke.

04/22/2002 TIH & tag CIBP @ 4580'. DO CIBP. Circ hole clean. TIH & tag fill @ 4966'. C/O to 5029'.

04/23/2002 Flowback well thru ¾" choke for 4 hrs. TIH & tagged fill @ 5029'. Circ hole clean to top of CIBP set @ 5155'. DO CIBP. C/O to 5217'. PU to TOL & flow test well 12 hrs. thru ¾" choke. 902 MCF Gas, Trace WTR, Trace oil.

04/24/2002 Flow well thru ¾" choke for 4 hrs. TIH & tag fill @ 6985. C/O to PBTD @ 7017'.

04/25/2002 TIH W/ 2 3/8" production TBG & land @ 6861'. ND BOP's & NUWH. Pull TBG plug. Flow well up TBG thru ¾" choke. SDFN

04/26/2002 RDMOSU. Rig released @ 11.30 hrs. 01/15/2002 RDMOSU. Rig Release @ 11:00 hrs.