

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 Heath Gas Com H					Well Number 1E	API Number 30-045-23561		
UL H	Section 08	Township 29N	Range 09W	Feet From The 1750	North/South Line North	Feet From The 840	East/West Line East	County San Juan

II. Workover

Date Workover Commenced: 08/10/2001	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 08/24/2001	

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)
) 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 July 25, 2002

SUBSCRIBED AND SWORN TO before me this 25 day of July, 2002.

My Commission expires September 20, 2005

Notary Public Patricia Bogg Disena

Patricia Bogg Disena
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

08-24-2001

Signature District Supervisor <u>Charlie Stern</u>	OCD District <u>AZTEC III</u>	Date <u>08-02-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

Well: HEATH GAS COM H No.: 001E
 Operator: BP AMERICA PRODUCTION COMPANY API: 30-045-23561
 T29N R09W Sec. 08 Unit H San Juan, County

Year: 2000

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	25	3139	0	31	2779	855465
February	0	3051	80	29	2779	858516
March	0	2991	80	31	2779	861507
April	10	2713	0	30	2789	864220
May	19	2638	65	31	2808	866858
June	3	2461	0	25	2811	869319
July	0	2817	0	31	2811	872136
August	6	2353	40	31	2817	874489
September	0	2089	80	30	2817	876578
October	0	2725	160	31	2817	879303
November	2	2554	80	30	2819	881857
December	1	2667	80	31	2820	884524
Total	66	32198	665	361		

Year: 2001

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	6	2691	50	31	2826	887215
February	1	2374	0	28	2827	889589
March	1	2592	80	31	2828	892181
April	1	1519	0	30	2829	893700
May	0	2364	0	31	2829	896064
June	1	588	80	28	2830	896652
July	0	1654	0	31	2830	898306
August	0	1117	165	4	2830	899423
September	12	1675	147	30	2842	901098
October	0	1829	123	31	2842	902927
November	2	1918	37	30	2844	904845
December	5	2081	46	31	2849	906926
Total	29	22402	728	336		

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	2849	906926
February	0	0	0	0	2849	906926
March	0	0	0	0	2849	906926
April	0	0	0	0	2849	906926
May	0	0	0	0	2849	906926
June	0	0	0	0	2849	906926
July	0	0	0	0	2849	906926
August	0	0	0	0	2849	906926
September	12	4144	363	30	2861	911070
October	0	4111	277	31	2861	915181
November	8	8067	158	30	2869	923248
December	18	8355	184	31	2887	931603
Total	38	24677	982	122		

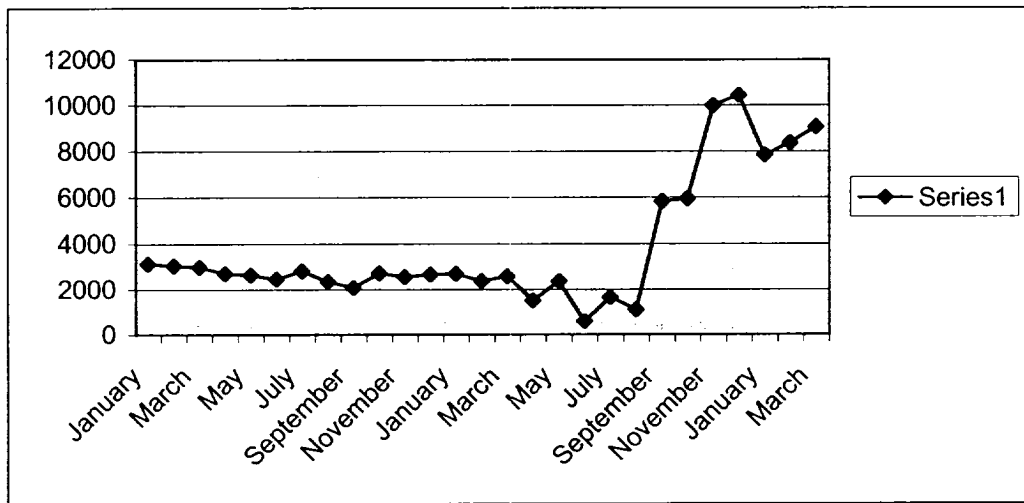
Year: 2002

Pool Name: BASIN DAKOTA (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	Prodi Accum.	Oil Accum.	Gas(MCF)
January	0	0	0	0	2887	931603
February	8	1563	18	28	2895	933166
March	13	1766	35	31	2908	934932
Total	21	3329	53	59		

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days	Prodi Accum.	Oil Accum.	Gas(MCF)
January	25	7840	177	31	2933	942772
February	20	6818	77	28	2953	949590
March	15	7308	147	31	2968	956898
Total	60	21966	401	90		



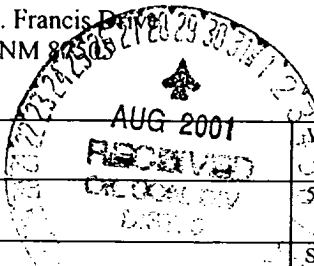
Submit Appropriate District Office
State 1 - 6 copies
Fee Lease 5 copies
District I
1625 N. French Dr., Hobbs, NM 87240
District II
811 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

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. 30-045-33561

Indicate Type of Lease
STATE FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:
OIL WELL GAS WELL ☒ DRY OTHER
b. Type of Completion:
NEW WELL WORK OVER PLUG BACK DIFF. RESVR ☒ OTHER

7. Lease Name or Unit Agreement Name
Heath Gas Com H

2. Name of Operator
Amoco Production Company

8. Well No.
1E

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 H : 1750 Feet From The NORTH Line and 840 Feet From The EAST Line
Section 8 Township 29N Range 09W NMPM San Juan County

10. Date Spudded 09/05/1979 11. Date T.D. Reached 09/20/1979 12. Date Compl. (Ready to Prod.) 08/24/2001 13. Elevations (DF& RKB, RT, GR, etc.) 5685' 14. Elev. Casinghead

15. Total Depth 6920' 16. Plug Back T.D. 6894' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools XX Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 3864' - 4725' Blanco Mesaverde 20. Was Directional Survey Made NO

21. Type Electric and Other Logs Run CBL 22. Was Well Cored NO

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	327'	13 1/4"	270 SXS	
7"	20#	2647'	8 1/4"	350 SXS	
4 1/2"	11.6#	6917'	6 1/4"	560 SXS	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	6708'	

26. Perforation record (interval, size, and number)				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4363' - 4725' W/2 JSPF, 3.125 in diameter, 38 holes				4363' - 4725'	80000# 16/40 Brady Sand, 70% Foam, N2
3865' - 4225' W/2 JSPF, 3.125 in diameter, 40 holes				3865' - 4225'	80000# 16/40 Brady Sand, 70% Foam, N2

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Flowing				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
08/22/2001	12	1/4"		Trace	495	Trace	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
	210#						

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 Mary Corley Printed Name Mary Corley Title Sr. Regulatory Analyst Date 08/27/2001

K

HEATH GAS COM H 1E
RECOMPLETION & DOWNHOLE COMMINGLING SUBSEQUENT REPORT
08/27/2001

08/10/2001 MIRUSU @ 12:30 hrs. SDFN.

08/12/2001 NDWH & NU BOP's. Unseat TBG hanger. Start TOH W/TBG. SDFN

08/14/2001 Finish TOH W/TBG. SDFN

08/16/2001 RU, TIH & set a CIBP @ 4850'. Load hole w/2% KcL water & pressure test CSG to 2500#. Held OK. RU & run CBL. Had good bond. RU & Perf Point Lookout & Lower Menefee: 3.125 inch diameter

Lower Menefee/Point Lookout perforations, 2 spf, 120° phasing (19 shots/ 38 holes):
4363', 4367', 4395', 4437', 4458', 4475', 4485', 4500', 4505', 4515', 4530', 4545',
4565', 4605', 4625', 4660', 4700', 4710', 4725'

08/19/2001 RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam & N2. RU & TIH w/CIBP & set @ 4300'. RU & Perf Cliffhouse & Upper Menefee: 340 inch diameter

Cliffhouse/ Menefee Perforations, 2 spf, 120° phasing (20 shots/ 40 holes):
3865', 3875', 3884', 3890', 3915', 3925', 3945', 3955', 3965', 3978', 3985', 3995',
4025', 4065', 4140', 4145', 4215', 4225', 4245', 4255'

RU & Frac w/80,000# of 16/30 Brady Sand & 70% Foam & N2. RU & Flow back well thru $\frac{1}{4}$ " choke all night.

08/20/2001 Flowback well thru $\frac{1}{4}$ " choke. After 12 hrs upsized to $\frac{1}{2}$ " choke. Upsized to $\frac{3}{4}$ " choke & flowback overnight.

08/21/2001 TIH & tag fill @ 4046'. Circ hole clean to top of CIBP set @ 4300'. DO CIBP. TIH & tag fill @ 4700'. C/O to 4760'. PU above TOL & flow back well on $\frac{3}{4}$ " choke overnight.

08/22/2001 TIH & tag fill @ 4750'. Circ hole clean to top of CIBP set @ 4850'. DO CIBP. TIH & tag fill @ 6849'. C/O to PBTD @ 6894'. Circ clean. PU above TOL & flow test well 12 hrs. thru $\frac{3}{4}$ " choke. 495 MCF Gas, Trace WTR, Trace oil.

08/23/2001 TIH & tag 4' fill. C/O to PBTD. PU above perms & flowback well to blow pit. TIH & found 0 fill. TOH. Secure well & Shut in.

08/24/2001 TIH W/ 2 3/8" production TBG & land @ 6708'. ND BOP's & NUWH. Pull TBG plug.

08/24/2001 RDMOSU. Rig Release @ 21:00 hrs.