

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

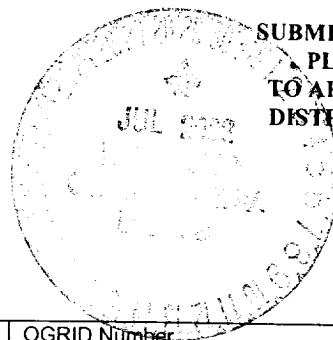
Form C-140

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 Barrett LS					Well Number 4		API Number 30-045-10598	
UL A	Section 20	Township 31N	Range 09W	Feet From The 1190	North/South Line North	Feet From The 1190	East/West Line East	County San Juan

II. Workover

Date Workover Commenced: 10/12/2001	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 10/30/2001	

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 Boag 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 10-30-2001.

Signature District Supervisor <u>Charlie Herr</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: **BARRETT LS** No.: **4**
 Operator: **BP AMERICA PRODUCTION COMPANY** API: **30-045-10598**
 T31N R09W Sec. 20 Unit 1 San Juan County

Year: **2000**

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	1	4470	0	31	3752	524507
February	0	4163	0	29	3752	528670
March	0	4428	25	31	3752	533098
April	1	3652	0	27	3753	536750
May	0	4674	40	31	3753	541424
June	0	3882	0	30	3753	545306
July	0	3627	0	31	3753	548933
August	0	4264	0	31	3753	553197
September	0	4166	0	30	3753	557363
October	0	4158	0	31	3753	561521
November	0	3966	0	30	3753	565487
December	0	4005	0	31	3753	569492
Total	2	49455	65	363		

Year: **2001**

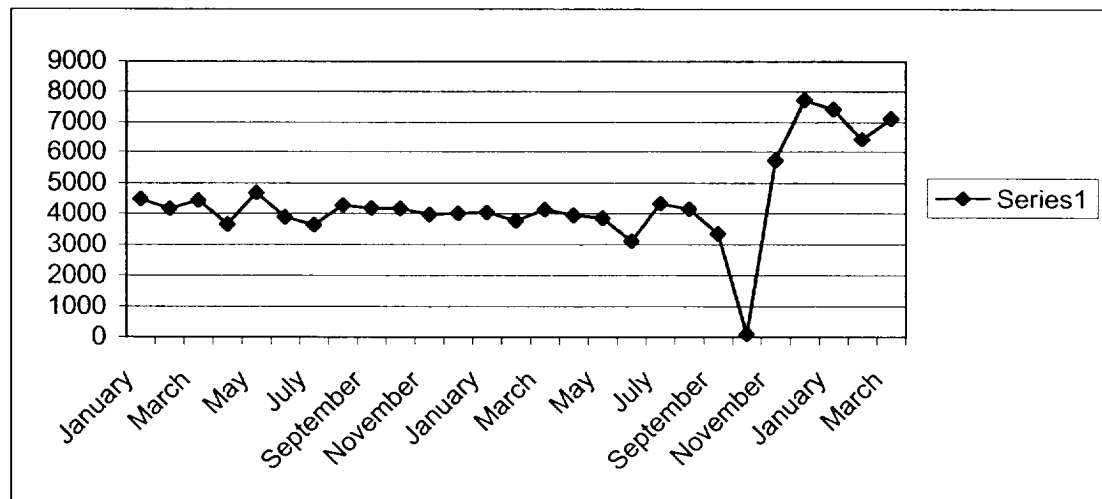
Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	0	4036	0	31	3753	573528
February	0	3763	0	28	3753	577291
March	0	4126	0	31	3753	581417
April	0	3943	0	30	3753	585360
May	0	3845	0	31	3753	589205
June	0	3102	0	30	3753	592307
July	0	4318	0	31	3753	596625
August	0	4134	0	31	3753	600759
September	0	3349	30	30	3753	604108
October	0	80	0	11	3753	604188
November	0	5720	60	30	3753	609908
December	114	7714	75	31	3867	617622
Total	114	48130	165	345		

Year: **2002**

Pool Name: BLANCO-MESAVERDE (PRORATED GAS)

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days Prod	Accum. Oil	Accum. Gas(MCF)
January	26	7411	85	31	3893	625033
February	84	6419	30	28	3977	631452
March	13	7111	40	31	3990	638563
Total	123	20941	155	90		



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMSF-078336-B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
BARRETT LS 49. API Well No.
30-045-1059810. Field and Pool, or Exploratory
BLANCO MESAVERDE11. County or Parish, and State
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Contact: MARY CORLEY

E-Mail: corleym@bp.com

3a. Address

P.O. BOX 3092
HOUSTON, TX 77253

3b. Phone No. (include area code)

Ph: 281.366.4491

Fx: 281.366.0700

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T31N R9W NENE 1190FNL 1190FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input checked="" type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Amoco Production Company re-perf'd and re frac'd the Cliffhouse formation in the subject well.
Please see attached for well work detail.

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #8517 verified by the BLM Well Information System
For AMOCO PRODUCTION COMPANY, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/05/2001 ()

Name (Printed/Typed) MARY CORLEY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 11/05/2001

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

ACCEPTED FOR RECORD

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

NOV 06 2001

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 Federal or State official of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

FARMINGTON OFFICE
BY *[Signature]***** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ******OPERATOR**

BARRETT LS 4
RE-PERF & FRAC SUBSEQUENT REPORT
11/04/2001

10/12/2001 MIRUSU @ 12:00 hrs. NDWH & NU BOP's. SDFWE.

10/15/2001 Unseat TBG hanger. TOH W/Prod TBG. Shut in & secure well for night.

10/16/2001 TIH & tag fill @ 5456'. TOH. RU & run GR Log from 4150' to 5150'. Secure well for night.

10/17/2001 RU & TIH W/CIBP & set @ 5034'. TOH. TIH & set RBP @ 4850'. Load hole w/2% KcL water. Pressure test CSG to 2100#. Test OK. Unseat RBP & TOH. RU & perf Cliffhouse formation W/2JSPF, 3.125 in diameter, 14 shots/28 holes:

4874', 4877', 4885', 4889', 4899', 4901', 4923', 4947', 4950',
4960', 4988', 4990', 4997', 5006'

10/18/2001 RU & frac Cliffhouse W/79,000# of 16/30 sand & 70 Quality N2 Foam. RU & Flowback well to tank thru $\frac{1}{4}$ " choke for 1 $\frac{1}{2}$ hrs. Upsized to $\frac{1}{2}$ " choke & flowed back for 1 $\frac{1}{2}$ hrs. Alternate shut in and flowback for 2 hr intervals. Well would not sustain flow.

10/19/2001 TIH & tag sand @ 3825'. C/O from 3825' to 3950'. Well making heavy returns of frac sand. Secure well for WE.

10/22/2001 TIH & tag sand @ 3930'. C/O to 4680'. Secure well for night.

10/23/2001 TIH & tag fill @ 4958' C/O to 5039'. Secure well for night.

10/24/2001 TIH & tag fill @ 4993'. C/O to CIBP set @ 5040. DO CIBP. TIH & C/O to 5290'. PU above perfs & SDFN.

10/25/2001 TIH & tag fill @ 5456'. Mill on junk & C/O fill to 5479'. Secure well SDFN.

10/26/2001 TIH & tag fill @ 5470' C/O to 5492'. Secure well SDFN.

10/29/2001 TOH. Flow back thru $\frac{3}{4}$ " choke - 558 MCFD. Secure well SDFN

10/30/2001 TIH W/2 3/8" production TBG & land @ 5415'. ND BOP & NUWH. Pull TBG plug.

10/31/2001 RDMOSU. Service Release @ 10:00 hrs.