

District I - (505) 393-6161
1625 N. French Dr
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Revised 06/99

RECEIVED
OCT - 1 1999
SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE
OIL CON. DIV.
DIST. 3

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Amoco Production Company P.O. Box 3092 Houston, TX 77253						OGRID Number 000778		
Contact Party Mary Corley						Phone 281-366-4491		
Property Name Howell				Well Number 2A		API Number 30-045-22024		
UL O	Section 10	Township 30N	Range 8W	Feet From The 800'	North/South Line South	Feet From The 1730'	East/West Line East	County San Juan

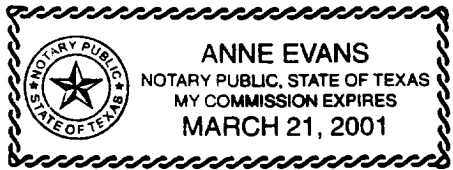
II. Workover

Date Workover Commenced: October 29 1998	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: November 9 1998	

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 <u>Texas</u>)		
) ss.		
County of <u>Harris</u>)		
<u>Mary Corley</u> , being first duly sworn, upon oath states:		
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.		
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.		
3. 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 <u>Mary Corley</u>	Title <u>Sr. Business Analyst</u>	Date <u>September 30 1999</u>
SUBSCRIBED AND SWORN TO before me this <u>30</u> day of <u>September</u> , <u>1999</u> .		
		<u>Anne Evans</u> Notary Public
My Commission expires: <u>March 21 2001</u>		

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 11/9/98.

Signature District Supervisor <u>J.S. J</u>	OCD District <u>3</u>	Date <u>10/19/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

RECEIVED
BLM

98 DEC 2 PM 1:33

070 FARMINGTON, NM

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Gail M. Jefferson

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

(303) 830-6157

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

800' FSL

1730' FEL

Sec. 10 T 30N R 8W

UNIT O

5. Lease Designation and Serial No.

SF-078578

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Howell

#2A

9. API Well No.

3004522024

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

SAN JUAN

NEW MEXICO

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

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf and Frac/Add Pay

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Amoco Production Company has perf'd and frac'd this well per the following:

MIRUSU 10/29/98. NDWH, NUBOP, Set CIBP at 4300'. Test plug to 1000# for 10 minutes, held okay. TOH with tbq and pkr. RU and run CBL from 3800' to 4300' to chek for frac isolation. Good isolation.

Perforated from 4181' to 4198' with 2 jsfp, .330 inch diameter, total 34 shots fired. Frac'd with 43,204# 16/30 Arizona sand. RU to flow test on 1/4" choke. Flowed for 12 hrs recovering 60 bbls wtr. FCP 100#.

TIH and tag fill at 4247'. PU and flow well on 3/4" choke. FTP 8#. Recovered 40 bbls wtr. TIH and tag 10' of fill. Clean out to BP at 4300'. PU and flow test upper zone in well. Flowed for 12 hrs recovering 25 bbls wtr, 797 mcf. FCP 150#, FTP 40#.

Clean out fill and CIBP to PBD. TOH with tbq and bit. TIH with production tbq. Land tbq on slips and flow test for weekend. Flowed 60 hrs on 48/64" choke recovering 10 bbls wtr, 797 mcf. FCP 140#, FTP 45#.

PU and land tbq at 4949'. Release rig 11/9/98.

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JAN 04 1999

SRBU PERMITTING

I hereby certify that the foregoing is true and correct.

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

(This space for Federal or State office use)

ACCEPTED FOR RECORD
DEC 30 1998

Approved by

Conditions of approval, if any:

Title

Date

DEC 15 1998

FARMINGTON DISTRICT OFFICE

18 U.S.C. Section 1001, makes 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.

* See Instructions on Reverse Side

OPERATOR

Howell 2A

Blanco Mesaverde

API 30-045-22024

FLAC # 972803-01

LOCATION S10 T30N R8W

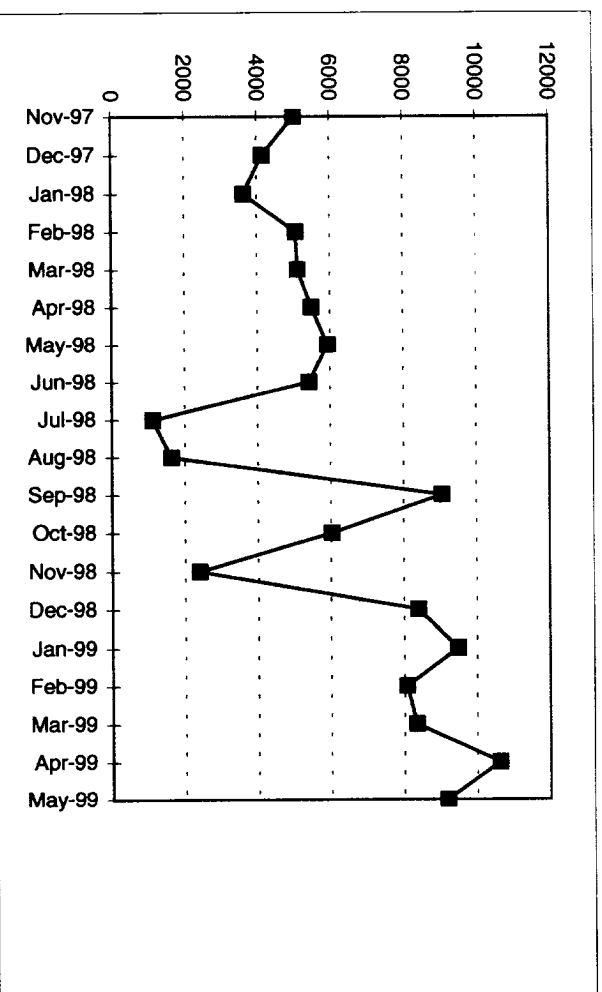
ADDED PAY & FRAC

COMPLETED 11/9/98

PRODUCTION TABLE

Nov-97	5019
Dec-97	4149
Jan-98	3640
Feb-98	5067
Mar-98	5116
Apr-98	5494
May-98	5938
Jun-98	5425
Jul-98	1126
Aug-98	1638
Sep-98	9055
Oct-98	6031
Nov-98	2391
Dec-98	8392
Jan-99	9474
Feb-99	8073
Mar-99	8340
Apr-99	10622
May-99	9177

PRODUCTION CURVE



ADDED PAY & FRAC'D