



May 3, 2000

Mr. Frank Chavez
New Mexico Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410



**Application for Qualified Well Workover Project
And Certification of Approval
Heaton LS 8
Unit B Section 30 T31N R11W
Pictured Cliffs/MesaverdeSan Juan County, New Mexico**

Enclosed please find amended application Form (C-140A) and attachments for certification approval for the captioned well. Original application was submitted to your office on March 8 , 2000, however, the production was reported in error. A copy of the original Form (C-140A) ad attachments are also attached for your reference.

Amoco Production Company offers for your consideration this corrected application and respectfully request your approval to such. Your attention to this matter is greatly appreciated.

Should you have any questions regarding this application, please do not hesitate to call me at
281-366-2548.

Sincerely,

A handwritten signature in cursive script that reads "Melissa Velasco Price".

Melissa Velasco - Price
Permitting Assistant

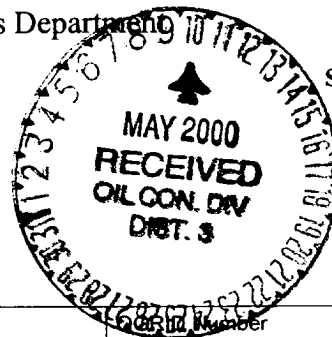
Enclosures

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

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE



APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Amoco Production Company P.O. Box 3092 Houston, TX 77253							Well Number 000778	
Contact Party Melissa Velasco-Price							Phone 281-366-2548	
Property Name Heaton LS					Well Number 8		API Number 30-045-10369	
UL B	Section 30	Township 31N	Range 11W	Feet From The 990'	North/South Line North	Feet From The 1650'	East/West Line East	County San Juan

II. Workover

Date Workover Commenced: March 12 1999	Previous Producing Pool(s) (Prior to Workover): Pictured Cliffs/Mesaverde
Date Workover Completed: March 25 1999	

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>Melissa Velasco-Price</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>Melissa Velasco-Price</u>		Title <u>Permitting Staff Assistant</u>	Date <u>May 2 2000</u>
SUBSCRIBED AND SWORN TO before me this <u>02</u> day of <u>May</u> , <u>2000</u> .			
		<u>Rebecca A. Hathaway</u> Notary Public	
My Commission expires: <u>March 17 2003</u>			

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

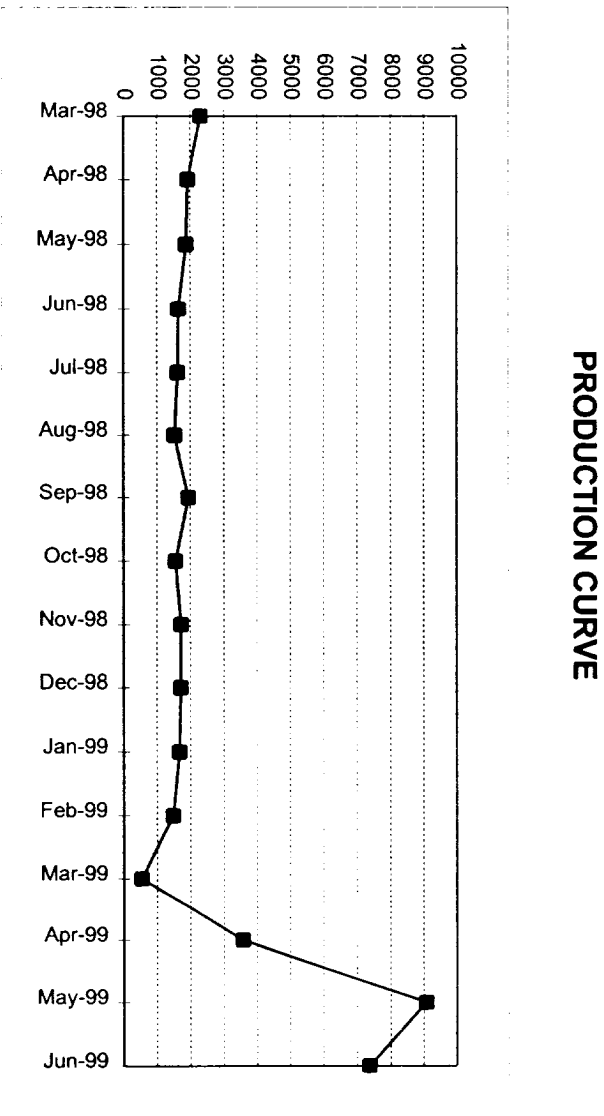
This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 5/25/99.

Signature District Supervisor <u>JS. S.</u>	OCD District <u>3</u>	Date <u>5/11/00</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

Heaton LS 8
Pictured Cliffs/Mesaverde
API - 30-045-10369
FLAC # 978790-01/9789790-02
LOCATION SEC 30 T31N R11W
Downhole Commingled

PRODUCTION TABLE	
Mar-98	2282
Apr-98	1898
May-98	1855
Jun-98	1626
Jul-98	1603
Aug-98	1507
Sep-98	1920
Oct-98	1539
Nov-98	1696
Dec-98	1687
Jan-99	1655
Feb-99	1457
Mar-99	515
Apr-99	3553
May-99	9058
Jun-99	7351
	4503
	6721



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

5. Lease Designation and Serial No.

SF-078097

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Heaton LS

#8

9. API Well No.

30-045-10369

10. Field and Pool, or Exploratory Area

Pictured Cliff/Blanco Mesaverde

11. County or Parish, State

SAN JUAN

NEW MEXICO

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

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

MARY CORLEY

3. Address and Telephone No.

P.O. BOX 3092 HOUSTON, TX 77253

(281-366-4491

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

990' FNL

1650' FEL

Sec. 30 T 31N R 11W

UNIT B

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, Frac, Commingle

- ☐ 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 markers and zones pertinent to this work.)

subsurface locations and measured and true vertical depths for all

DHC-1210

3/12/99 MIRUSU. ND wellhead. NU & pressure test BOP. RU & ran freepoint to PKR top. Cut off TBG 4' above PKR. TIH w/drill collars & over shot jars. Jared out seal assembly. TIH w/packer plucker & plucked PKR that was set @ 2567'. TOH. TIH w/TBG & set BP. @ 2400'. Pressure tested 7" CSG to 500#. Held OK. Loaded hole w/WTR & changed out old TBG head. TOH w/BP & TBG.

RU & frac @ 4386', 4390', 4398', 4448', 4456', 4464', 4476', 4484', 4554', 4558', 4566', 4578', 4614', 4624', 4634', & 4638' w/1 JSPF, .340 inch diameter, total shots fired = 16. RU & set CIBP @ 4680'. RU & frac'd @ 4386' - 4638' w/673 BBLs WTR, 537,747 SCF N2, & 80,000# 16/30 Arizona sand.

TOH w/PKR & 3 1/2" frac string. TIH w/4 3/4" bit Y 2 3/8" TBG. Tagged sand @ 4566'. Circ hole clean to top of CIBP set @ 4680' Drilled out CIBP & circ hole clean to PBD of 4870'. Pulled up above perfs. Checkd for fill. None. TIH w/ 2 1/38" TBG & set @ 4756'.

3/25/99 RDMOSU. Well returned to production.

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

Signed

Mary Corley

Title

Sr. Business Analyst

Date

04-27-1999

(This space for Federal or State office use)

Approved by

Title

Date

1999

Conditions of approval, if any:

Title 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

OPERATOR

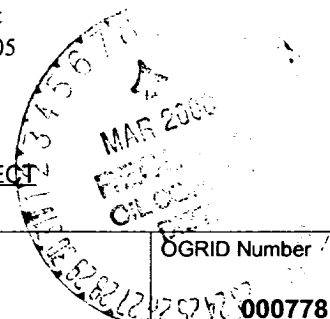
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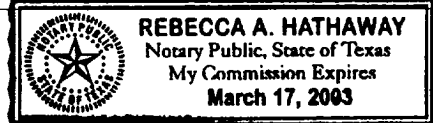
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2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.	
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.	
Signature <u>Melissa Velasco-Price</u>	Title <u>Permitting Staff Assistant</u> Date <u>March 6 2000</u>
SUBSCRIBED AND SWORN TO before me this <u>06</u> day of <u>March</u> <u>2000</u>	
<u>Rebecca A. Hathaway</u> Notary Public	
My Commission expires: <u>March 17 2003</u>	

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

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Signature District Supervisor DENIED	OCD District	Date
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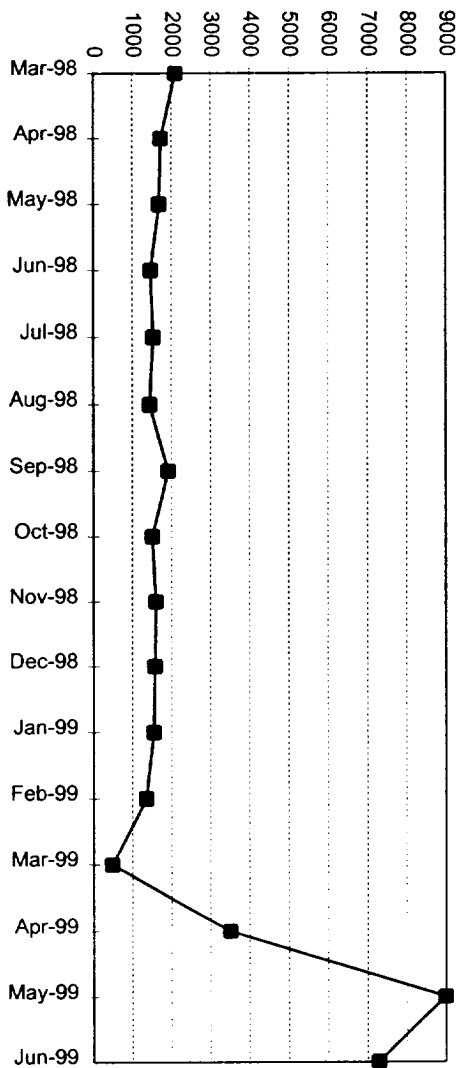
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Heaton LS 8
Pictured Cliffs/Mesaverde
API - 30-045-10369
FLAC # 978790-01/9789790-02
LOCATION SEC 30 T31N R11W
Downhole Commingle

PRODUCTION TABLE

368 Mar-98	2109
344 Apr-98	1731
342 May-98	1695
323 Jun-98	1471
330 Jul-98	1533
308 Aug-98	1446
254 Sep-98	1920
Oct-98	1512
Nov-98	1603
Dec-98	1581
Jan-99	1543
Feb-99	1353
Mar-99	480
Apr-99	3502
May-99	8984
Jun-99	7279

PRODUCTION CURVE



CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

04/25/00 17:39:
OGOFTC -TP
Page No:

OGRID Identifier : 778 AMOCO PRODUCTION CO
Pool Identifier : 71280 AZTEC PICTURED CLIFFS (GAS)
API Well No : 30 45 10369 Report Period - From : 03 1998 To : 12 2000

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water St	We
30 45 10369	HEATON LS	03 98 31	368	F
30 45 10369	HEATON LS	04 98 30	328	F
30 45 10369	HEATON LS	05 98 31	342	F
30 45 10369	HEATON LS	06 98 30	323	F
30 45 10369	HEATON LS	07 98 28	330	F
30 45 10369	HEATON LS	08 98 25	308	F
30 45 10369	HEATON LS	09 98 30	284	F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12

Volumes do not match

CMD :
OG6IPRD

ONGARD
INQUIRE PRODUCTION BY POOL/WELL

04/25/00 17:41:
OGOFTC -TP
Page No:

OGRID Identifier : 778 AMOCO PRODUCTION CO
Pool Identifier : 72319 BLANCO-MESAVERDE (PRORATED GAS)
API Well No : 30 45 10369 Report Period - From : 03 1998 To : 12 2000

API Well No	Property Name	Prodn. MM/YY	Days Prod	Production Gas	Volumes Oil	Water	We St
30 45 10369	HEATON LS	03 98	31	1914	2282		F
30 45 10369	HEATON LS	04 98	30	1570	3		F
30 45 10369	HEATON LS	05 98	31	1513	4		F
30 45 10369	HEATON LS	06 98	30	1303	3		F
30 45 10369	HEATON LS	07 98	29	1273	1		F
30 45 10369	HEATON LS	08 98	25	1199	1		F
30 45 10369	HEATON LS	09 98	30	1636	1		F

Reporting Period Total (Gas, Oil) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06 CONFIRM
PF07 BKWD	PF08 FWD	PF09	PF10 NXTPOOL	PF11 NXTOGD	PF12