

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

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

2. Name of Operator
Amoco Production Company
Attention: Gail M. Jefferson, Rm 1295C

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)
960FNL 1710FSL Sec. 28 T 32N R 10W Unit B

5. Lease Designation and Serial No.

SF-080517

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Holmberg Gas Com #1R

9. API Well No.

3004529299

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 Frac & Stimulate

- ☐ 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 has preformed the Frac and stimulate work for the above referenced well per the attached information.

If you have any technical questions please contact Khanh Vu at (303) 830-4920 or Gail Jefferson for any administrative concerns.

RECEIVED
MAY - 2 1996
OIL CON. DIV.
DIST. 3

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

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

Date

04-26-1996

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

ACCEPTED FOR RECORD

Date

APR 30 1996

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 Side

FARMINGTON DISTRICT OFFICE
BY *201*

Holmberg Gas Com #1R - Repair - Subsequent
4/26/96

MIRUSU 4/3/96. SICP 150#, SITP 200#, trip in hole with RBP and set @ 5200'. Spot sand on top of BP, Trip in hole with PPIP tool and set across perfs from 5098'-5100'. Pump 10,000 scf of N2 and 5.6 bbls water, pressure up to 5000# flush with 30,000 scf of N2. Final pressure 4152#.

Open well up on 1/2" choke. Well died to 0 on 1/2" choke. Shut-in. Built up to 15# misting gas some fluid. Move PPIP tool up hole.

Pumped 2000 gas Fe-HCL acid into 4759' to 4771' and displaced with foam. SITP 1405#.

Open well up on 1/2" choke for 1 hour well died. Made 6 swab runs, well started to flow on 2". Open for 1 hour, then put on 1/2" choke overnight. Release pkr and move back down to 5096'.

Pumped 5 bbls wtr, dumped 5 gal soap in tbg and displaced with 22,000 scf of N2 and then pumped 44 bbls foam from 5098'-5100'. Pressure went up to 4632# on foam and broke back to 2050#, ISIP 1980. Opened well up on 1/2" choke for 1 hr then opened to 2" for 25 mins. RU swab, IFL 4000' made 13 runs recovered 2 bbls wtr, sand in cups. SI

SITP was 280# bled off pressure. IFL 4500' fl entry 500' in 48 hrs released tool.

Tried to frac perfs from 5150'-5152' pressed up to 3500# seven times. Installed isolation tool and retrieved seven times pressuring up to 5800#. Shut down frac and rigged down equipment. No frac.

RIH and tagged sand @ 5083'. Pulled frac liner out of hole and RIH and tag sand @ 5152'. Note-Frac liner bottom 3 jts were bent due to pressure.

Tried to flow Cliffhouse at 4769'-5152'. Broke perfs down with 17 bbls of filtered fresh water. Pumped 6 bbls Fe-HCL acid from 5150'-5152'. Displaced with 20 bbls filtered fresh water. Max PSI 3600#, Max rate 7.7 bpm.

Frac'd from 5150'-5152' with 704 bbls wtr and 404,442 scf of N2 at 70% quality with 41,118# of 16/30 Arizona sand. Max PSI 3450#, Max rate 13.0 bpm.

Flow tst'd well. RIH and tagged sand above frac liner at 4700'.

TOH with frac liner pulled 8.5 stands and liner hung up. TIH with jars and jarred on fish. RIH with free point and found bottom joint above lower pkr rubber stuck. RIH and made chem cut @ 4553'. TIH and pulled upper pkr and 11 jts 2 3/8" tbg. TIH with wash pipe.

TIH and cleaned out sand above RBP and pulled plug and cleaned out to 5822'. Pulled up and Land tbg at 5790'.

Perforated 5080'-5098', 5100'-5101' w/2jspf, .340 inch diameter, total 38 shots fired.

Tested well for 14 hrs on 32/64" choke. Recovered 1 bbl wtr, no oil, and 1000 mcf. FTP 145#, SICP 290#.

RDMOSU

District I - (505) 393-6161
1625 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, N.M. 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

RECEIVED
AUG 26 1999
OIL CON. DIV.
PAGE 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 Holmberg Gas Com				Well Number 1R		API Number 30-045-29299		
UL	Section 28	Township 32N	Range 10W	Feet From The 960'	North/South Line North	Feet From The 1710'	East/West Line East	County San Juan

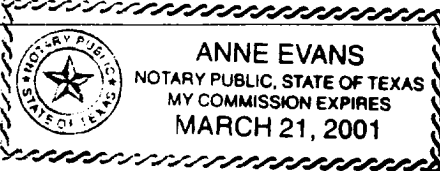
II. Workover

Date Workover Commenced: August 27 1998	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: August 27 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>August 24 1999</u>
SUBSCRIBED AND SWORN TO before me this <u>25</u> day of <u>August</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 8/27, 98.

Signature District Supervisor <u>SS. S</u>	OCD District <u>3</u>	Date <u>10/15/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

Holmberg Gas Com 1R **BLANCO MESAVERDE POOL**

API 30-045-29299

FLAC # 715664-01

LOCATION S28 T32N R10W

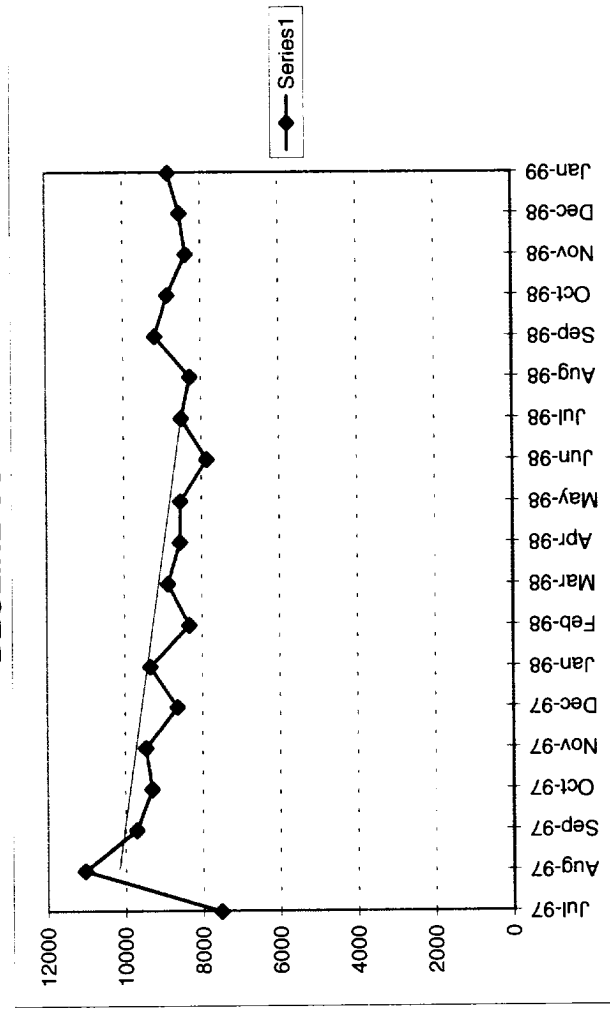
INSTALLED PLUNGER LIFT

COMPLETED 8/27/98

PRODUCTION TABLE

Jul-97	7536
Aug-97	11053
Sep-97	9712
Oct-97	9313
Nov-97	9473
Dec-97	8650
Jan-98	9343
Feb-98	8330
Mar-98	8870
Apr-98	8562
May-98	8545
Jun-98	7857
Jul-98	8508
Aug-98	8279
Sep-98	9182
Oct-98	8865
Nov-98	8380
Dec-98	8535
Jan-99	8829

DECLINE CURVE



**INSTALLED PLUNGER LIFT TO HELP REMOVE LIQUID FROM WELLBORE TO
REDUCE LIQUID LOADING AND INCREASE PRODUCTION.**